

## Chem Service Pesticide Standards - Alphabetical Listing

Alphabetical Listing

Catalog #	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
<b>A</b>								
PS-1072	30mg	Aastar®	PS-2112	250mg	Alfa Z®	PS-2117	500mg	4-Amino-4,5-dihydro-3-methyl-6-phenyl-1,2,4-triazin-5-one
PS-380	500mg	Aatrex®	PS-2112	250mg	Alfa-4®	PS-1092	100mg	4-Amino-6-(1,1-dimethylethyl)-3-(ethylthio)-1,2,4-triazin-5(4H)-one®
PS-2068	100mg	Abamectin	PS-1202	5ml	Alfacron®	PS-398	1g	4-Amino-6-tert-butyl-3-[methylthio]- 1,2,4-triazine-5[4H]-one
PS-665	100mg	Abaphos®	PS-2112	250mg	Alfamatt®	PS-2278	250mg	4-Amino-N-(2,6-dimethoxy-4-pyrimidinyl) benzenesulfonamide
PS-677	1g	Abar®	PS-90	1g	Alfa-Tox®	PS-1010	1g	4-Aminopyridine
PS-665	100mg	Abat®	PS-2026	100mg	Aliette®	PS-382	1g	Aminotriazole
PS-665	100mg	Abate®	PS-1202	5ml	Alificon®	PS-382	1g	3-Amino-1,2,4-triazole
PS-665	100mg	Abathion®	PS-95	500mg	Alkron®	PS-274	250mg	4-Amino-3,5,6-trichloropicolinic acid
PS-2141	250mg	Abound®	PS-96	5ml	Allethrin	PS-1108	100mg	4-Amino-3,5,6-trichloropicolinic acid methyl ester
PS-2197	250mg	AC 263, 222®	PS-791	250mg	d-trans-Allethrin	PS-391	1g	Aminozone®
PS-2216	100mg	Acaban®	PS-2182	250mg	Alliage®	PS-1013	500mg	Amiral®
PS-857	1g	Acaralate®	PS-351	1g	Allidochlor	PS-2141	250mg	Amistar®
PS-854	250mg	Acarben®	PS-293	1g	Allisan®	PS-1005	500mg	Amitraz
PS-2015	100mg	Acaristop®	PS-1200	5ml	Alloxydim - Sodium	PS-382	1g	Amitrole®
PS-2216	100mg	Acaritan®	PS-79	1g	Alitex®	PS-58	500mg	Amizine
PS-1062	250mg	Acarol®	PS-1078	100mg	Ally 60 DF Weed Killer®	PS-2157	500mg	Amizol®
PS-2005	100mg	Accent®	PS-940	1g	Allyguaiaacol®	PS-382	1g	Amizol®
PS-1088	100mg	Acclaim	PS-790	250mg	d-2-Allyl-4-hydroxy-3-methyl-2-cyclopentene -1-one,d-trans-chrysanthemum monocarboxylic acid ester	PS-1068	100mg	Ammo®
PS-2223	100mg	Acclaim®	PS-940	1g	4-Allyl-2-methoxyphenol	PS-2203	250mg	Ammo®
PS-678	500mg	Accothion®	PS-2043	100mg	(+/-)-1-(B-Allyloxy-2,4-dichlorophenylethyl)imidazole	PS-344	1g	Ammonium amidosulphate
PS-2040	100mg	Acenite®	PS-2082	500mg	3-Allyloxy-1,2-benz[d]isothiazole 1,1-dioxide	PS-414	1g	Ammonium ethyl carbamoylphosphonate
PS-738	1g	Acephate	PS-360	1g	Allyl trimethylammonium bromide	PS-291	1g	Ammonium fluosilicate
PS-2219	100mg	Acer®	PS-2000	1g	Alon®	PS-344	1g	Ammonium sulfate
PS-2219	100mg	Acetamiprid	PS-2177	100mg	Alpha-(2-Fluorophenyl)-alpha-(4-fluorophenyl)-1H-1,2,4-triazole-1-ethanol	PS-2124	250mg	Ammonium 4-[hydroxy(methyl)phosphinoyl]-DL-homoalaninate
PS-2040	100mg	Acetochlor	PS-2083	250mg	Alphamethrin®	PS-228	1g	Amobam®
PS-104	1g	3-(a-Acetonilbenzyl)-4-hydroxycoumarin	PS-2176	100mg	Alsystine®	PS-344	1g	AMS
PS-1021	1g	Acetoxyl-triphenylstannane	PS-2249	100mg	Altima®	PS-2137	100mg	Anchor®
PS-2135	500mg	Achieve®	PS-2130	50mg	Alto®	PS-1008	1g	Anchorimidol
PS-2212	250mg	Acibenzolar-S-methyl	PS-1040	250mg	Altosid®	PS-388	250mg	Anilazine
PS-1016	1g	Acifluorfen	PS-2026	100mg	Aluminum tris (O-ethyl phosphonate)	PS-2292	100mg	(S)-1-Anilino-4-methyl-2-methylthio-4-phenylimidazol-5-one
PS-1111	100mg	Acifluorfen methyl ester	PS-1003	100mg	Amaze®	PS-2259	100mg	3-Anilino-5-methyl-5-(4-phenoxyphenyl)-1,3-oxazolidine-2,4-dione
PS-2105	100mg	Acord®	PS-2042	100mg	Amber®	PS-74	1g	Anofex®
PS-397	250mg	ACP 63303®	PS-758	250mg	Ambush	PS-429	1g	Ansar 170®
PS-4	1g	Acquinite®	PS-2203	250mg	Ambush C®	PS-281	500mg	Ansar 8100
PS-2138	500mg	Acrobat®	PS-317	1g	Amchem 3CP®	PS-51	500mg	Ansar®
PS-2215	100mg	Actara®	PS-344	1g	Amcide®	PS-2036	100mg	Anthio®
PS-644	250mg	Actellic®	PS-317	1g	Amdol 3CP®	PS-6	1g	Anthiphen®
PS-1002	100mg	Acti-Aid®	PS-1001	100mg	Amdro	PS-608	1g	Anthion
PS-397	250mg	Actril®	PS-2122	100mg	Amethopterin®	PS-926	1g	9,10-Anthraquinone
PS-2110	100mg	Adeal®	PS-383	500mg	Ametryne	PS-926	1g	Anthraquinone
PS-2266	500mg	Adios®	PS-1004	500mg	Amex®	PS-2203	250mg	Antiborer 3767®
PS-2110	100mg	Admiral®	PS-314	250mg	Amiben®	PS-690	1g	Anticaric®
PS-2086	500mg	Admire®	PS-382	1g	Amigol®	PS-2056	10mg	Anti-K®
PS-1063	250mg	Advantage®	PS-2055	100mg	2-Aminobenzoic acid methyl ester	PS-2030	1g	Antimilace®
PS-372	250mg	Afalon®	PS-751	250mg	Aminocarb	PS-57	1g	Antinonin®
PS-2036	100mg	Aflix®	PS-430	1g	5-Amino-4-chloro-2-phenyl-3(2H)-pyridazinone	PS-1006	1g	Antor®
PS-2283	50mg	Afos®	PS-1113	100mg	3-Amino-2,5-dichlorobenzoic acid methyl ester	PS-2062	250mg	Antracol®
PS-2049	100mg	Afugan®	PS-314	250mg	3-Amino-2,5-dichlorobenzoic acid	PS-106	1g	ANTU
PS-2105	100mg	Agreen®	PS-326	1g	3-Amino-2,5-dichlorobenzoic acid, ethyl ester	PS-106	1g	Anturat®
PS-2278	250mg	Agribon®	PS-2191	100mg	((4-Amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy)acetic acid,1-methylheptyl ester	PS-2157	500mg	Anvil®
PS-2089	500mg	Agribrom®	PS-2136	100mg	5-Amino-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(1R,S)-(trifluoromethyl)sulfinyl]-1H-pyrazole-3-carbonitrile	PS-1010	1g	4-Ap
PS-2068	100mg	Agri-Mek®				PS-2199	100mg	Apache®
PS-2007	100mg	Agrisil®				PS-71	1g	Aparasin®
PS-2007	100mg	Agritox®				PS-95	500mg	Apahimite®
PS-2062	250mg	Agrocol®				PS-71	1g	Aptiiria
PS-2203	250mg	Agrothrin®				PS-1071	100mg	Apistan®
PS-40	1g	Agroxone®						
PS-2170	100mg	Aim®						
PS-2062	250mg	Airone®						
PS-854	250mg	Akar®						
PS-675	1g	Akton®						
PS-357	1g	Alachlor						
PS-343	1g	Alanap®						
PS-391	1g	Alar®						
PS-2278	250mg	Albon®						
PS-734	1g	Aldicarb						
PS-1055	10mg	Aldicarb sulfone						
PS-1054	10mg	Aldicarb sulfoxide						
PS-1055	10mg	Aldoxycarb						
PS-69	100mg	Aldrin®						

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

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Catalog#	Size	Description
PS-1057	1g	Apl-Luster®
PS-2226	100mg	Apogee®
PS-2015	100mg	Apollo®
PS-2067	100mg	Applaud®
PS-551	1g	Aprocarb®
PS-1099	100mg	Apron®
PS-365	1g	Aquacide®
PS-2200	250mg	Aquacycline®
PS-315	1g	Aqua-Kleen®
PS-850	5ml	Aracide®
PS-850	5ml	Aramite
PS-24	1g	Arasan®
PS-1057	1g	Arbotec®
PS-2203	250mg	Ardap®
PS-2000	1g	Arelon®
PS-2210	250mg	Aresin®
PS-1008	1g	A-Rest®
PS-2210	250mg	Arezine®
PS-366	1g	Arial Gramoxone®
PS-2073	500mg	Armor®
PS-2177	100mg	Armour®
PS-1014	250mg	Arrat®
PS-2016	100mg	Arsenal®
PS-281	500mg	Arsinyl®
PS-84	1g	Arylam®
PS-2216	100mg	Asalto®
PS-2004	100mg	Asana®
PS-904	1g	Ascabin
PS-904	1g	Ascabiol®
PS-2175	250mg	Ascurit®
PS-663	50mg	Asp-51
PS-2219	100mg	Aspilan®
PS-663	50mg	Aspon®
PS-2195	100mg	Assert®
PS-2151	500mg	Assure II®
PS-1080	100mg	Assure Weed Killer®
PS-1009	1g	Asulam
PS-1009	1g	Asulox 40®
PS-1009	1g	Asulox F®
PS-1009	1g	Asulox®
PS-656	100mg	Asuntol®
PS-382	1g	ATA®
PS-2248	25mg	Atabron®
PS-2130	50mg	Atemi®
PS-104	1g	Athrombine-K®
PS-2110	100mg	Atominal®
PS-380	500mg	Atratul®
PS-395	500mg	Atraton
PS-380	500mg	Atrazine
PS-66	1g	Auligen
PS-66	1g	Aulinogen
PS-2132	250mg	Authority®
PS-506	1g	Avadex BW®
PS-507	100mg	Avadex®
PS-404	1g	Avenge®
PS-2068	100mg	Avermectin B1
PS-2068	100mg	Avid®
PS-1010	1g	Avitrol®
PS-901	1g	Avolin®
PS-2075	10mg	Azadiractin
PS-550	100mg	Azak®
PS-1202	5ml	Azamethiphos
PS-2075	10mg	Azatin®
PS-673	100mg	Azinphos ethyl
PS-666	1g	Azinphos methyl
PS-851	1g	Azobenzene
PS-851	1g	Azobenzide®
PS-2063	250mg	Azocyclotin
PS-609	1g	Azodrin
PS-682	1g	Azofene
PS-851	1g	Azofume®
PS-2141	250mg	Azoxystrobin

Catalog #	Size	Description
<b>B</b>		
PS-388	250mg	B-622
PS-1005	500mg	BAAM®
PS-2278	250mg	Bactrovet®
PS-389	1g	Balan®
PS-2166	500mg	Balance®
PS-2106	1g	Banco!®
PS-1085	100mg	Banol
PS-2167	250mg	Banol turf fungicide®
PS-397	250mg	Bantrol®
PS-106	1g	Bantu®
PS-346	1g	Banvel®
PS-2206	250mg	BAP
PS-540	100mg	Barbamate®
PS-540	100mg	Barban
PS-666	1g	Barben®
PS-2029	1g	Baron®
PS-2133	500mg	Barricade®
PS-2203	250mg	Barricade®
PS-1068	100mg	Barricide®
PS-1047	10mg	BAS 08300W
PS-1011	250mg	Basagran®
PS-17	1g	Basamid®
PS-2203	250mg	Basathrin®
PS-2226	100mg	Baseline®
PS-2156	500mg	Basilex®
PS-2227	100mg	Basitac®
PS-1046	1g	Bassa®
PS-2124	250mg	Basta®
PS-90	1g	Basudin®
PS-1021	1g	Batasan®
PS-2108	100mg	Battalion®
PS-1077	100mg	Bavistin®
PS-2205	250mg	BAY FOE 5043®
PS-1046	1g	Baycarb®
PS-655	500mg	Baycid®
PS-2176	100mg	Baycidal®
PS-1093	100mg	Baycor®
PS-551	1g	Baygon®
PS-1013	500mg	Bayleton®
PS-1207	250mg	Bayluscide®
PS-2192	100mg	BAY-MAT 7484®
PS-1093	100mg	Baymat®
PS-2010	250mg	Bayrusil®
PS-1064	250mg	Baytan®
PS-655	500mg	Baytex®
PS-2100	1g	Baythion®
PS-1090	250mg	Baythroid®
PS-2204	250mg	Beta-Baythroid®
PS-450	100mg	BDMC
PS-2169	500mg	Beacon®
PS-1083	100mg	Beam®
PS-1032	250mg	Belmark®
PS-1032	500mg	Belmark®
PS-2142	250mg	Benalaxyl
PS-2193	250mg	Benazolin ethyl ester
PS-2193	250mg	Benazolin-ethyl
PS-1082	100mg	Bendas®
PS-739	250mg	Bendiocarb
PS-389	1g	Benefin®
PS-389	1g	Benfluralin
PS-2241	100mg	Benfuracarb
PS-71	1g	Ben-Hex®
PS-222	100mg	Benlate®
PS-222	100mg	Benomyl
PS-851	1g	Bensofume®
PS-1082	100mg	Bensulfuron-methyl
PS-425	250mg	Bensulide
PS-2106	1g	Bensultap
PS-425	250mg	Bensumec®
PS-1011	250mg	Bentazon
PS-1112	50mg	Bentazon methyl derivative
PS-1017	1g	Benthiocarb

Catalog #	Size	Description
PS-904	1g	Benylate®
PS-70	1g	Benzene hexachloride
PS-692	100mg	alpha-Benzenehexachloride
PS-691	100mg	beta-Benzenehexachloride
PS-693	100mg	delta-Benzenehexachloride
PS-71	1g	gamma-Benzenehexachloride
PS-425	250mg	S-2-Benzenesulfon amidoethyl-O, O-di-isopropyl phosphorodithioate
PS-1000	250mg	Benzoфуlorine
PS-904	1g	Benzoic acid benzyl ester
PS-2146	500mg	benzoic acid, 4-Chloro-2-benzoyl-2-(1,1-dimethylethyl)-hydrazide
PS-2212	250mg	Benzo(1,2,3)thiadiazole-7-carbothioic acid-S-methyl ester
PS-2193	250mg	3-Benzothiazolineacetic acid, 4-chloro-2-oxo-, ethyl ester
PS-2048	100mg	1-(1,3-Benzothiazol-2-yl)-1,3-dimethylurea
PS-1201	5ml	1-(1,3-Benzothiazol-2-yl)-3-methylurea (100ug/ml in Methylene chloride)
PS-2140	500mg	2-(1,3-benzothiazol-2-yloxy)-N-methylacetanilide
PS-2140	500mg	2-(2-benzothiazolyloxy)-N-methyl-N-phenylacetamide
PS-2079	100mg	Benzoylprop ethyl
PS-1082	100mg	Benzosulfuron methyl
PS-1201	5ml	Benzthiazuron (100ug/ml in Methylene chloride)
PS-2206	250mg	6-Benzyladenine
PS-2206	250mg	N-Benzyladenine
PS-2206	250mg	N(sup 6)-Benzyladenine
PS-2206	250mg	6-Benzylaminopurine
PS-904	1g	Benzyl benzenecarboxylate
PS-904	1g	Benzyl benzoate
PS-170	1g	o-Benzyl-p-chlorophenol
PS-2084	1g	Benzylidiethyl [(2,6-xylylcarbonyl)ammonium benzoate
PS-1000	250mg	(5-Benzyl-3-furyl)methyl-2,2-dimethyl-3-(2-methylpropenyl) cyclopropane carboxylate
PS-2266	500mg	Benzylideneacetaldehyde
PS-2065	500mg	S-Benzyl O,O-di-isopropyl phosphorothioate
PS-2255	250mg	N-Benzyl-N-isopropyl pivalamide
PS-98	1g	Benzyl rhodanide
PS-98	1g	Benzyl thiocyanate
PS-81	500mg	Beosit®
PS-2083	250mg	Bestox®
PS-2203	250mg	Betamethrate®
PS-1015	250mg	Betanal AM®
PS-1014	250mg	Betanal®
PS-1015	250mg	Betanex®
PS-1014	250mg	Betapost®
PS-425	250mg	Betasan®
PS-66	1g	Bexide®
PS-70	1g	BHC (mixed isomers)
PS-692	100mg	BHC alpha isomer
PS-692	100mg	a-BHC
PS-692	100mg	alpha-BHC
PS-691	100mg	BHC beta isomer
PS-691	100mg	b-BHC
PS-691	100mg	beta-BHC
PS-693	100mg	BHC delta isomer
PS-693	100mg	d-BHC
PS-693	100mg	delta-BHC
PS-2222	1ml	BHC (epsilon isomer)

Alphabetical Listing

For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

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Catalog #	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-71	1g	BHC gamma isomer	PS-391	1g	B-Nine®	PS-2128	1g	ester
PS-71	1g	g-BHC	PS-1017	1g	Bolero®	PS-2128	1g	Bronopol
PS-71	1g	gamma-BHC	PS-1018	100mg	Bolstar®	PS-1005	500mg	BTS 27419
PS-324	250mg	BH® Mecoprop	PS-2176	100mg	Bolstar®	PS-2186	25mg	Bucid®
PS-2194	250mg	Bifenazate	PS-2046	50mg	Boltage®	PS-426	1g	Buctril®
PS-311	1g	Bifenox	PS-2097	500mg	Bonzi®	PS-429	1g	Bueno®
PS-2003	100mg	Bifenthrin	PS-2260	100mg	Boscalid	PS-2223	100mg	Bugle®
PS-1083	100mg	Bim®	PS-293	1g	Botran®	PS-2157	500mg	Bullet®
PS-2087	100mg	Binapacryl	PS-1046	1g	BPMC	PS-690	1g	Bunt-cure®
PS-389	1g	Binnell®	PS-309	1g	Brambicide®	PS-690	1g	Bunt-no-more®
PS-791	250mg	Bioallethrin	PS-150	1g	Brassicol®	PS-2067	100mg	Buprofezin
PS-790	250mg	s-Bioallethrin	PS-1020	1g	Bravo®	PS-2021	100mg	Busan 30A
PS-17	1g	Biocide N521®	PS-1021	1g	Brestan®	PS-2019	100mg	Busan 40
PS-1057	1g	Bioguard®	PS-2003	100mg	Brigade®	PS-2020	100mg	Busan 85
PS-18	1g	Bioquin	PS-2111	500mg	Broadstrike®	PS-348	250mg	Butachlor
PS-2080	500mg	Bioresmethrin	PS-1056	50mg	Brodifacoum	PS-100	100mg	Butacide®
PS-2200	250mg	Biosolvomycin®	PS-62	1g	Bromacil	PS-2255	250mg	Butam®
PS-665	100mg	Biothion®	PS-1038	100mg	Bromadiolone	PS-907	1g	Butopyronoxyl
PS-2032	1g	Biphenyl	PS-325	1g	Bromeflor®	PS-2071	100mg	Butox®
PS-1093	100mg	B-([1,1'-Biphenyl]-4-yloxy)-a-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol	PS-426	1g	Brominal®	PS-100	100mg	Butoxide®
			PS-426	1g	Brominil®	PS-306	1g	Butoxone®
			PS-273	500mg	Bromoacetyl bromide	PS-730	250mg	2-[2-Butoxyethoxy]ethyl thiocyanate
PS-2143	100mg	3-[3-(1,1'-Biphenyl)-4-yl]-1,2,3,4-tetrahydro-1-naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one	PS-1038	100mg	3-[3-(4'-Bromo[1.1'biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2H-1-benzopyran-2-one	PS-315	1g	Butoxyethyl-2,4-dichlorophenoxyacetate
PS-2143	100mg	3-(3-Biphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl]-4-hydroxycoumarin	PS-1056	50mg	3-[3-(4'-Bromo[1.1'-biphenyl]-4-yl)]- 1,2,3,4-tetrahydro-1-naphthalenyl] - 4-hydroxy-2H-benzopyran-2-one	PS-309	1g	Butoxyethyl-2,4,5-trichlorophenoxy-acetate
PS-1087	100mg	Birlane®				PS-348	250mg	N-(Butoxymethyl)-2-chloro-2',6'-diethylacetanilide
PS-910	1g	2,3,4,5-Bis(2-butylene)tetrahydro-2-furaldehyde	PS-62	1g	5-Bromo-3-sec-butyl-6-methyluracil	PS-908	1g	Butoxypropylene glycol
			PS-2171	100mg	4-Bromo-2-(4-chlorophenyl)-1-ethoxymethyl-5-trifluoromethylpyrrole-3-carbonitrile	PS-1004	500mg	Butralin
PS-72	1g	2,2-Bis(p-chlorophenyl)-1,1-dichloroethane				PS-2186	25mg	Butsid®
PS-72	1g	1,1-Bis(p-chlorophenyl)-2,2-dichloroethane	PS-2171	100mg	4-Bromo-2-(4-chlorophenyl)-1-ethoxymethyl-5-trifluoromethylpyrrole-3-carbonitrile	PS-2120	1g	2-tert-Butylamino-4-ethylamino-6-methoxy-s-triazine
PS-2015	100mg	3,6-Bis(2-chlorophenyl)-1,2,4,5-tetrazine	PS-2089	500mg	1-Bromo-3-chloro-5,5-dimethyl-2,4-imidazolidinedione	PS-2067	100mg	2-tert-Butylamino-3-isopropyl-5-phenyl-1,3,5-thiadiazinan-4-one
PS-82	250mg	1,1-Bis(p-chlorophenyl)-2,2,2-trichloroethanol	PS-368	1g	3-[4-Bromo-3-chlorophenyl]-1-methoxy-1-methylurea	PS-413	50mg	2-tert-Butylamino-4-chloro-6-ethylamino-1,3,5-triazine
PS-24	1g	Bis(dimethylthiocarbamyl) disulfide	PS-1024	250mg	O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate	PS-379	1g	2-tert-Butylamino-4-ethylamino-6-methyl-thio-s-triazine
PS-223	1g	1,2-Bis(3-ethoxycarbonyl-2-thioureido) benzene	PS-2008	100mg	O-(4-Bromo-2,5-dichlorophenyl)-O,O-diethylphosphorothioate	PS-503	1g	Butylate
PS-381	50mg	2,4-Bis(ethylamino)-6-methylthio-1,3,5-triazine	PS-2009	50mg	O-(4-Bromo-2,5-dichlorophenyl)-O,O-dimethylphosphorothioate	PS-2146	500mg	N-tert-butyl-N'-(4-Chlorobenzoyl) benzohydrazide
PS-73	1g	2,2-Bis(p-ethylphenyl)-1,1-dichloroethane	PS-677	1g	O-(4-Bromo-2,5-dichlorophenyl)-O-methylphenyl phosphonothioate	PS-375	1g	3-tert-Butyl-5-chloro-6-methyluracil
PS-2041	100mg	Bis(4-fluorophenyl) (methyl) (1H-1,2,4-triazol-1-yl)methyl silane	PS-450	100mg	4-Bromo-3,5-dimethyl phenyl-N-methyl carbamate (2-Bromoethyl)trimethyl ammonium bromide	PS-607	50mg	4-tert-Butyl-2-chlorophenylmethyl-N-methyl-phosphoramidate
PS-384	1g	2,4-Bis(isopropylamino)-6-methylthio-s-triazine	PS-361	1g	Bromofume®	PS-2280	100mg	Butyl (R)-2-[4-(4-cyano-2-fluorophenoxy)phenoxy] propionate
PS-2221	250mg	N-(2,6-Bis(1-methylethyl)-4-phenoxyphenyl)-N'-(1,1-dimethylethyl)thiourea	PS-154	1g	Bromomethane	PS-1050	1g	2-tert-Butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- 2-1,3,4-oxadiazolin-5-one
PS-862	1g	Bis(pentachloro-2,4-cyclopentadien-1-yl) N,N-Bis(phosphonomethyl) glycine	PS-155	5ml	Bromomethane	PS-42	1g	Butyl-2,4-dichlorophenoxy acetate
PS-2164	1g	N,N-Bis(phosphonomethyl) glycine	PS-2128	1g	2-Bromo-2-nitro-1,3-propanediol	PS-377	1g	1-n-Butyl-3-[3,4-dichlorophenyl]-1-methylurea
PS-2246	100mg	Bispyribac Sodium	PS-312	1g	p-Bromophenoxy acetic acid	PS-2216	100mg	t-Butyl (E)-alpha-(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)methyleneaminoxy-p-toluate
PS-282	1g	Bis(tributyltin)oxide	PS-374	1g	3-(p-Bromophenyl)-1-methoxy-1-methylurea	PS-436	1g	2-sec-Butyl-4,6-dinitrophenol triethanolamine salt
PS-282	1g	Bis(tri-n-butyltin)oxide	PS-374	1g	3-(p-Bromophenyl)-1-methyl-1-methoxyurea	PS-433	1g	2-sec-Butyl-4,6-dinitrophenol, ethanolamine salt
PS-1093	100mg	Bitertanol	PS-2009	50mg	Bromophos	PS-2087	100mg	2-sec-Butyl-4,6-dinitrophenyl 3-methylcrotonate
PS-2084	1g	Bitrex®	PS-2008	100mg	Bromophos ethyl	PS-2257	50mg	(RS)-5-tert-Butyl-2-[2,(6-
PS-2084	1g	Bitterguard®	PS-2009	50mg	Bromophos methyl			
PS-85	1g	Black Leaf 40	PS-1062	250mg	Bromopropylate			
PS-2024	50mg	Bladafum®	PS-426	1g	Bromoxynil			
PS-95	500mg	Bladan®	PS-434	1g	Bromoxynil octanoic acid			
PS-387	1g	Bladex						
PS-551	1g	Blattane®						
PS-1111	100mg	Blazer methyl ester						
PS-1016	1g	Blazer®						
PS-1073	100mg	Bloc®						

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Alphabetical Listing

Catalog#	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-907	1g	difluorophenyl)-4,5-dihydro-1,3-oxazol-4-yl]phenetole	PS-384	1g	Caparol®	PS-701	50mg	Chlordecone
		Butyl-3,4-dihydro-2,2-dimethyl-4-oxo-1,2-H-pyran	PS-260	1g	Captafol	PS-840	1g	Chlordimeform
		-[6-carboxylate]	PS-25	1g	Captan	PS-59	1g	Chlorea®
PS-2293	POR	8-tert-Butyl-1,4-dioxaspiro[4.5]decan-2-ylmethyl	PS-2120	1g	Caragard®	PS-2217	250mg	Chlorethoxyfos
		(ethyl)(propyl)amine	PS-20	1g	Carbamate®	PS-308	1g	Chlorfenac
PS-2188	100mg	N-tert-Butyl-N'-(4-ethylbenzoyl)-3,5-dimethylbenzohydrazide	PS-2167-1	250mg	Carbamic acid, (3-(dimethylamino)propyl)-, propyl ester	PS-2171	100mg	Chlorfenapyr
		N2-tert-Butyl-N4-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine	PS-282	1g	Car-Ban®	PS-855	1g	Chlorfenson®
		S-sec-Butyl O-ethyl (2-oxo-1,3-thiazolidine-3-yl)phosphonothioate	PS-1085	100mg	Carbanolate	PS-1087	100mg	Chlorfenvinphos
PS-101	1g	2-Butyl-2-ethyl-1,3-propanediol	PS-84	1g	Carbaryl	PS-2248	25mg	Chlorfluaazon
		N-Butyl-N-ethyl-a,a-trifluoro-2,6-dinitro-p-toluidine	PS-1077	100mg	Carbendazim	PS-1022	100mg	Chlorfluorecol-methyl ester
		Butylmesityl oxide oxalate	PS-602	250mg	Carbicon	PS-1022	100mg	Chlorflurenol methyl ester
PS-2258	100mg	4-tert-Butylphenethyl quinazolin-4-yl ether	PS-754	1g	Carbofuran	PS-430	1g	Chloridazon
		2-[p-tert-Butylphenoxy]cyclohexyl-2-propynyl sulfite	PS-87	250mg	2-Carbomethoxy-1-methylvinyl dimethyl-phosphate	PS-1081	100mg	Chlorimuron ethyl
		2-[p-tert-Butylphenoxy]iso-propyl-2-chloroethyl sulfite (0.1mg/ml in Hexane)	PS-88	1g	Carbophenothion	PS-79	1g	Chlorinated camphene
		2-sec-Butylphenyl-N-methylcarbamate	PS-1063	250mg	Carbosulfan	PS-2209	250mg	Chlormephos
PS-1214	5ml	(+/-)-cis-4-[3-(4-tert-Butylphenyl)-2-methylpropyl]-2,6-dimethylmorpholine	PS-294	1g	Carboxin	PS-363	1g	Chlormequat chloride
		2-tert-Butyl-5-(4-tert-butylbenzylthio)-4-chloropyridazin-3(2H)-one	PS-2164	1g	N-Carboxymethyl-N,N-bis(methylene phosphonic acid)-amine	PS-31	1g	Chloroacetic acid
MET-222B	500mg	3-Butyl-1,3,5-triazino[1,2a]benzimidazole-2,4-dione	PS-540	100mg	Carbyne®	PS-1006	1g	N-Chloroacetyl-N-(2,6-diethylphenyl)-glycine ethyl ester
		R,S-Butyl-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionate	PS-2220	100mg	Cardomec®	PS-152	1g	a-Chloroallyl chloride
PS-1097	100mg	Butyl (RS)-2-[4-(5-trifluoromethyl-2-yridyloxy)phenoxy]propionate	PS-2170	100mg	Carfentrazone-ethyl	PS-19	250mg	2-Chloroallyl diethylidithiocarbamate
		Butyram®	PS-2069	500mg	Cartap hydrochloride	PS-2234	POR	1-cis-3-Chloroallyl-3,5,7-triaza-1-azonia-adamantane chloride
PS-2030	1g	C-8-Tetramethyl-1,3,5,7-tetroxocane	PS-1046	1g	Carvil®	PS-854	250mg	Chlorobenzilate
		a,n-Butyl-a-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile	PS-940	1g	Caryophylllic acid®	PS-853	100mg	p-Chlorobenzyl-p-chlorophenyl sulfide
			PS-400	1g	Carzol SP®	PS-2225	250mg	7-Chlorobicyclo(3.2.0)hepta-2,6-dien-6-yl dimethyl phosphate
			PS-2213	250mg	Cascade®	PS-58	500mg	2-Chloro-4,6-bis(ethylamino)-s-triazine
			PS-392	1g	Casoron®	PS-385	500mg	2-Chloro-4,6-bis(isopropylamino)-s-triazine
			PS-2143	100mg	Castrix D®	PS-540	100mg	4-Chloro-2-butynyl-m-chlorocarbaniolate
			PS-75	1g	CD-68®	PS-540	100mg	4-Chloro-2-butynyl-N-[3-chlorophenyl]-carbamate
			PS-351	1g	CDA	PS-2260	100mg	2-Chloro-N-(4-chloro-biphenyl-2-yl)nicotinamide
			PS-19	250mg	CDEC®	PS-1207	250mg	5-Chloro-N-(2-chloro-4-nitrophenyl)isacylamide (100ug/ml in Methanol)
			PS-58	500mg	CDT®	PS-2249	100mg	3-Chloro-N-(3-chloro-5-trifluoromethyl-2-pyridyl)-alpha,alpha,alpha-trifluoro-2,6-dinitro-p-toluidine
			PS-2008	100mg	Cela S-2225	PS-363	1g	Chlorocholine chloride
			PS-2014	100mg	Cela W524	PS-40	1g	4-Chloro-o-cresoxyacetic acid
			PS-2172	100mg	Celest Special®	PS-402	1g	2-[[4-Chloro-6-(cyclopropylamino)-1,3,5-triazin-2-yl]-amino]-2-methylpropanenitrile
			PS-325	1g	Celest®	PS-2104	100mg	2-Chloro-4-(cyclopropyl amino)-6-(isopropylamino)-s-triazine
			PS-223	1g	CEPHA®	PS-351	1g	a-Chloro-N,N-diallylacetamide
			PS-230	1g	Cercobin	PS-675	1g	O-[[2-Chloro-1-[2,5-dichlorophenyl]vinyl] O,O-diethyl phosphorothioate
			PS-230	1g	Cercobin-M®	PS-1087	100mg	2-Chloro-1-(2,4-dichlorophenyl)vinyl diethyl phosphate
			PS-209	250mg	Ceresan®	PS-2107	100mg	2-Chloro-4-diethylamino-6-ethylamino-1,3,5-triazine
			PS-397	250mg	Certrol®	PS-348	250mg	2-Chloro-2',6'-diethyl-N-(butoxymethyl)acetanilide
			PS-58	500mg	CET®	PS-357	1g	2-Chloro-2',6'-diethyl-N-[methoxymethyl]acetanilide
			PS-2124	250mg	Challenge®	PS-606	250mg	2-Chloro-2-diethyl
			PS-2013	100mg	Chackmate®			
			PS-562	1g	Chemagro B-1776			
			PS-86	500mg	Chemathion®			
			PS-220	1g	Chem Bam®			
			PS-22	1g	Chem Neb®			
			PS-106	1g	Chemical 109®			
			PS-228	1g	Chem-O-Bam®			
			PS-2203	250mg	Chinmix®			
			PS-860	250mg	Chinomethionate			
			PS-1052	1g	Chipco 26019			
			PS-2112	250mg	a-Chloralose			
			PS-2113	1g	b-Chloralose			
			PS-314	250mg	Chloraloben			
			PS-326	1g	Chloraloben ethyl ester			
			PS-1113	100mg	Chloraloben methyl ester			
			PS-2043	100mg	Chloramizol®			
			PS-11	1g	Chloranil			
			PS-63	1g	Chloranocryl			
			PS-853	100mg	Chlorbenside			
			PS-368	1g	Chlorbromuron			
			PS-75	1g	Chlordane			
			PS-75-1	10mg	alpha-Chlordane			
			PS-75-1	10mg	alpha(cis)-Chlordane			
			PS-75-2	10mg	beta-Chlordane			
			PS-75-1	10mg	cis-Chlordane			
			PS-75-2	10mg	trans-Chlordane			
PS-2235	100mg	Cabrio EG®						
PS-51	500mg	Cacodylic acid						
PS-280	1g	Cadminate®						
PS-280	1g	Cadmium succinate						
PS-2197	250mg	Cadre®						
PS-2199	100mg	Cadusafos						
PS-2085	500mg	Caid®						
PS-2289	100mg	Calciol						
PS-2226	100mg	Calcium 3-oxido-5-oxo-4-propionylcyclohex-3-enecarboxylate						
PS-2242	100mg	Calixin®						
PS-79	1g	Camphchlor						
PS-2182	250mg	Candit®						
PS-307	100mg	Cantrol						
PS-2157	500mg	Canvil®						

For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

Alphabetical Listing

## Chem Service Pesticide Standards - Alphabetical Listing

Alphabetical Listing

Catalog #	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-606	250mg	carbamoyl-1-methylvinyl dimethyl phosphate	PS-2209	250mg	diethylphosphorodithioate S-Chloromethyl-O,O-diethylphosphoro thiolothionate	PS-1095	100mg	methoxy-1-methylurea N-[(4-Chlorophenyl)methyl]-N-cyclopentyl-N'-phenylurea
PS-357	1g	2-Chloro-N-[2,6-diethylphenyl]-N-methoxy methyl acetamide	PS-40	1g	(4-Chloro-2-methylphenoxy) acetic acid	PS-1017	1g	S-(4-Chlorophenyl)methyl diethylcarbamothioate
PS-1202	5ml	S-6-Chloro-2,3-dihydro-2-oxo-oxazolo[4,5-b]pyridin-3-ylmethyl O,O-dimethyl phosphorothioate (100ug/ml in Methylene chloride)	PS-324	250mg	2-(4-Chloro-2-methyl phenoxy)propanoic acid	PS-2001	100mg	2-(2-(4-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone
PS-2291	100mg	(S)-2-Chloro-N-(2,4-dimethyl-3-thienyl)-N-(2-methoxy-1-methylethyl) acetamide	PS-1106	100mg	2-(4-Chloro-2-methyl phenoxy) propanoic acid methyl ester	PS-2085	500mg	2-[2-(4-Chlorophenyl)-2-phenylacetyl ] indan-1,3-dione
PS-2161	250mg	(RS)-2-Chloro-N-(2,4-dimethyl -3-thienyl) -N-(2-methoxy-1-methylethyl) acetamide	PS-2116	500mg	(+)-(R)-2-(4-Chloro-2-methylphenoxy) propionic acid	PS-2085	500mg	2-[(4-Chlorophenyl) phenylacetyl]-1H-indene-1,3(2H)-dione
PS-2040	100mg	2-Chloro-N-ethoxymethyl-6'-ethylacet-o-toluidide	PS-2281	POR	N-(3-Chloro-4-methylphenyl)-2-methylpentanamide	PS-2072	100mg	4-(4-Chlorophenyl)-2-phenyl-2-[1H-1,2,4-triazol-1-yl) methyl]butanenitrile
PS-1033	1g	2-Chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene	PS-2281	POR	3'-Chloro-2-methylvalero-p-toluidide	PS-2210	250mg	3-(4-Chlorophenyl)-1-methoxy-1-methylharnstoff (RS)-[O-1-(4-Chlorophenyl)pyrazole-4-yl O-ethyl S-propyl
PS-2042	100mg	1-[2-(2-Chloroethoxy) phenylsulfonyl]-3-(4-methoxy-6-methyl)-1,3,5-triazin-2-yl)urea	PS-255	1g	Chloroneb	PS-2046	50mg	O-(2-Chloro-4-nitrophenyl)-O,O-dimethyl phosphorothioate
PS-380	500mg	2-Chloro-4-ethylamino-6-isopropylamino-s-triazine	PS-669	1g	O-(2-Chloro-4-nitrophenyl)-O,O-dimethyl phosphorothioate	PS-2081	500mg	O-(6-Chloro-3-phenyl-4-pyridazinyl) S-octyl carbonothioate
PS-387	1g	2-[(4-Chloro-6-ethylamino-s-triazin-2-yl)amino]-2-methylpropionitrile	PS-853	100mg	Chloroparacide®	PS-88	1g	S-[(p-Chlorophenyl)thio] methyl)-O,O-diethylphosphorodithioate
PS-209	250mg	Chloroethylmercury	PS-2085	500mg	Chlorophacinone	PS-88	1g	S-[(p-Chlorophenyl)thio] methyl)-O,O-diethylphosphorodithioate
PS-403	500mg	2-Chloro-N-[2-ethyl-6-methylphenyl]-N-[2-methoxy-1-methylethyl] acetamide	PS-840	1g	Chlorophedine®	PS-88	1g	S-[(p-Chlorophenyl)thio] methyl)-O,O-diethylphosphorodithioate
PS-1084	500mg	4-(4-Chloro-2-ethylphenoxy) butyric acid, methyl ester (2-Chloroethyl)phosphonic acid	PS-7	1g	Chlorophen®	PS-88	1g	S-[(p-Chlorophenyl)thio] methyl)-O,O-diethylphosphorodithioate
PS-325	1g	[2-Chloroethyl] trimethyl ammonium chloride	PS-74	1g	Chlorophenothan	PS-88	1g	S-[(p-Chlorophenyl)thio] methyl)-O,O-diethylphosphorodithioate
PS-363	1g	[2-Chloroethyl] trimethyl ammonium chloride	PS-38	1g	o-Chlorophenoxy acetic acid	PS-88	1g	S-[(p-Chlorophenyl)thio] methyl)-O,O-diethylphosphorodithioate
PS-1211	5ml	N-(2-Chloro-6-fluorobenzyl)-N-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine (100ug/ml in Acetone)	PS-39	1g	p-Chlorophenoxy acetic acid	PS-80	1g	p-Chlorophenyl-2,4,5-trichlorophenyl sulfone
PS-2168	250mg	N-(2-Chloro-6-fluorobenzyl)-N-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine (100ug/ml in Acetone)	PS-376	1g	3-[p-(p-Chlorophenoxy) phenyl]1,1-dimethylurea	PS-4	1g	Chlor-O-Pic®
PS-608	1g	Chlorofos	PS-359	1g	2-[3-Chlorophenoxy]propionamide	PS-4	1g	Chloropicrin
PS-52	1g	Chloro IPC®	PS-855	1g	p-Chlorophenyl-p-chlorobenzene sulfonate	PS-2045	100mg	E,E-(±)-2[1-[3-Chloro-2-propenyl]oxy]imino] [propyl]5-[2-(ethylthio) propyl] -3-hydroxy-2-cyclohexen-1-one
PS-355	1g	2'-Chloro-N-isopropyl acetanilide	PS-1073	100mg	a-(2-Chlorophenyl)-a-(4-chlorophenyl)-5-(pyrimidinemethanol)	PS-857	1g	Chloropropylate
PS-355	1g	2-Chloro-N-isopropyl-N-phenylacetamide	PS-1079	100mg	trans-5-(4-Chlorophenyl-N-cyclohexyl-4-methyl-2-oxo-3-thiazolidine carboxamide (2RS,3RS;2RS,3SR)-2-(4-Chlorophenyl)-3-cyclopropyl -1-(1H-1,2,4-triazol-1-yl) butan-2-ol	PS-2219	100mg	(E)-N-[(6-Chloro-3-pyridinyl)methyl]-N'-cyano-N-methylethanimidamide
PS-310	1g	p-Chloromandelic acid	PS-2130	50mg	1-(4-Chlorophenyl)-3-(2,6-difluorobenzoyl)urea	PS-2086	500mg	1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine
PS-1065	100mg	2-Chloro-N-[[4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl] benzenesulfonamide	PS-1028	1g	1-(4-Chlorophenyl)-3-(2,6-difluorobenzoyl)urea	PS-2262	100mg	(3-((6-Chloro-3-pyridinyl) methyl)-2-thiazolidinylidene) cyanamide
PS-2178	250mg	N-(3-Chloro-4-methoxy phenyl) -N',N'-dimethylurea	PS-2138-1	500mg	(Z)-4-[3-(4-Chlorophenyl)-3-(3,4-dimethoxyphenyl) acryloyl]-morpholine	PS-2150	500mg	1-(2-Chloro-4-pyridyl)-3-phenylurea
PS-1044	100mg	4-Chloro-5-(methylamino)-2-(a,a,a-trifluoro-m-tolyl)-3(2H)-pyridazinone	PS-2138	500mg	(E,Z)-4-[3-(4-Chlorophenyl)-3-(3,4-dimethoxyphenyl) acryloyl]-morpholine	PS-1020	1g	Chlorothalonil
PS-2209	250mg	S-(Chloromethyl) O,O-diethyl ester phosphorodithioic acid	PS-2097	500mg	(2RS,3RS)-1-(4-Chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl) pentan-3-ol	PS-2215	100mg	3-(2-Chloro-1,3-thiazol-5-a-(1,1-dimethylethyl)- 1H-1,2,4-triazole-1-ethanol
PS-2209	250mg	S-(Chloromethyl) O,O-diethyl ester phosphorodithioic acid	PS-2076	10mg	(E)-(RS)-1-(4-Chlorophenyl)-4,4-dimethyl-2- (1H-1,2,4-triazol-1-yl) pent-1-en-3-ol	PS-2261	100mg	(E)-1-(2-Chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine
			PS-59	1g	3-(4-Chlorophenyl)-1,1-dimethylurea	PS-2078	250mg	Chlorotoluron
			PS-371	1g	3-[4-Chlorophenyl]-1,1-dimethylurea	PS-840	1g	N'-(4-Chloro-o-tolyl)-N,N-dimethyl formamidine
			PS-1091	100mg	alpha-[2-(4-Chlorophenyl)ethyl]-ethyl-alpha-phenyl- (1H-1,2,4-triazole)-1-propanenitrile	PS-40	1g	4-Chloro-o-tolylxyacetic acid
			PS-2072	100mg	3-(4-Chlorophenyl)-1-	PS-1105	100mg	4-Chloro-o-tolylxyacetic acid methyl ester ylmethyl)- 1,3,5-oxadiazinan-4-ylidene(nitro)amine
						PS-419	1g	2-Chloro-6-(trichloromethyl)pyridine
						PS-611	1g	2-Chloro-1-[2,4,5-

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PS-2121	1g	trichlorophenyl]vinyl-dimethylphosphate	PS-2077	100mg	Cobra®			phenoxyphenyl) methyl-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane carboxylate
		4-Chloro-a,a,a-trifluoro-N-(1-imidazol-1-yl-2-propoxyethylidene) -o-toluidine	PS-2199	100mg	Codusafos	PS-2290	POR	N-Cyanomethyl-4-(trifluoromethyl) nicotinamide
PS-2176	100mg	2-Chloro-N-(((4-(trifluoromethoxy)phenyl) amino)carbonyl)benzamide	PS-9	1g	Collunosol	PS-2034	100mg	O-4-Cyanophenyl-O,O-dimethylphosphorothioate (RS)-a-Cyano-3-phenoxybenzyl (R)-2-[2-chloro-4-(trifluoromethyl) anilino]-3-methylbutanoate (S)-a-Cyano-3-phenoxybenzyl(1R,3R) -3-(2,2-dibromovinyl)- 2,2-dimethylcyclopropane carboxylate
PS-2213	250mg	N-((4-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-fluorophenyl)carbamoyl)-2,6-difluorobenzamide	PS-2255	250mg	Colzor®	PS-1071	100mg	(RS)-a-Cyano-3-phenoxybenzyl (1R,3R) -3-(2,2-dibromovinyl)- 2,2-dimethylcyclopropane carboxylate
PS-1016	1g	5-[2-Chloro-4-(trifluoromethyl) phenoxy]-2-nitrobenzoic acid	PS-2129	1g	Combat®	PS-2071	100mg	(S)-a-Cyano-3-phenoxybenzyl (1R,3R) -3-(2,2-dibromovinyl)- 2,2-dimethylcyclopropane carboxylate
PS-1111	100mg	5-[2-Chloro-4-(trifluoromethyl)phenoxy] -2-nitrobenzoic acid methyl ester	PS-2001	100mg	Command	PS-1068	100mg	(+/-)(a)-Cyano-3-phenoxybenzyl (+) cis,trans-3-(2,2-dichlorovinyl) -2,2-dimethylcyclopropane carboxylate
PS-2102	500mg	5-[2-Chloro-4-(trifluoromethyl)phenoxy] -N-(methylsulfonyl)-2-nitrobenzamide	PS-292	1g	Commodore®	PS-2203	250mg	(+)-alpha-Cyano-3-phenoxybenzyl 2,2-dimethyl -3-(2,2-dichlorovinyl) cyclopropane carboxylate
PS-2253	100mg	(+/-)-N-[[[3-Chloro-4-[1,1,2-trifluoro-2-(trifluoromethoxy) ethoxy]-phenyl] amino] carbonyl]-2,6-difluorobenzamide	PS-2086	500mg	Comodor®	PS-2004	100mg	(S)-a-Cyano-3-phenoxybenzyl(S)-2-(4-chlorophenyl) -3-methylbutyrate
PS-1085	100mg	6-Chloro-3,4-xyllyl-methyl carbamate	PS-2188	100mg	Compitox Plus®	PS-2115	100mg	(S)-a-Cyano-3-phenoxybenzyl (1R,3S)-2,2-dimethyl-3-[(RS)-1,2,2,2-tetrabromoethyl] cyclopropanecarboxylate
PS-376	1g	phosphorothioate	PS-2124	250mg	Compitox®	PS-2244	250mg	(+)-alpha-Cyano-3-phenoxybenzyl 2,2-dimethyl -3-(2,2-dichlorovinyl) cyclopropane carboxylate
PS-2090	500mg	Chloroxuron	PS-2074	250mg	Commodore®	PS-1072	30mg	(+)-Cyano(3-phenoxy phenyl) methyl(+)-4-(difluoromethoxy) -alpha-(1-methylethyl)benzeneacetate
PS-840	1g	Chloroxynil	PS-2151	500mg	Comodor®	PS-1032	250mg	Cyano(3-phenoxyphenyl)-methyl-4-chloro-alpha-(1-methylethyl)benzeneacetate
PS-67	50mg	Chlorphenamide®	PS-2028	1g	Compitox®	PS-1032	500mg	Cyano(3-phenoxyphenyl)-methyl-4-chloro-alpha-(1-methylethyl)benzeneacetate
PS-52	1g	Chlorpropham	PS-2028	1g	Compitox®	PS-2083	250mg	[1a(S <sup>2</sup> ),3a]-(+/-)-Cyano-(3-phenoxyphenyl) methyl-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropane carboxylate
PS-857	1g	Chlorpropylat	PS-656	100mg	Compitox®	PS-2034	100mg	Cyanophos
PS-674	1g	Chlorpyrifos	PS-1214	5ml	Compitox®	PS-2034	100mg	Cyanox®
PS-418	250mg	Chlorpyrifos Methyl	PS-926	1g	Compitox®	PS-1072	30mg	CyBolt®
PS-1065	100mg	Chlorsulfuron	PS-40	1g	Corbit®	PS-2279	100mg	Cybutryne
PS-853	100mg	Chlorsulphacide®	PS-21	1g	Cornox M®	PS-2243	POR	Cyclanilide
PS-33	1g	Chlorthal	PS-203	100mg	Corozate®	PS-402	1g	Cycle®
PS-33	1g	Chlorthal-Methyl®	PS-369	1g	Cotoran®	PS-842	1g	Cyclic ethylene[diethoxy phosphinyl]dithioimidocarbonate
PS-81	500mg	Chlorthiepin®	PS-104	1g	Coumadin®	PS-502	1g	Cycloate
PS-2289	100mg	Cholecalciferol	PS-104	1g	Coumafene®	PS-363	1g	Cyclocel®
PS-2144	500mg	Chorus®	PS-656	100mg	Coumaphos	PS-81	500mg	Cyclodan®
PS-1000	250mg	Chryson®	PS-2093	250mg	Coumatetralyl	PS-1086	100mg	4-Cyclododecyl-2,6-dimethylmorpholine
PS-369	1g	CIBA 2059®	PS-680	500mg	Coumaphos	PS-1042	100mg	Cyclohex-1-ene-1,2-dicarboximidomethyl-(1RS,3RS;1RS,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropane carboxylate
PS-374	1g	CIBA 3126	PS-39	1g	Coumaphos	PS-1002	100mg	Cycloheximide
PS-606	250mg	CIBA 570	PS-313	1g	Coumaphos			
PS-2025	100mg	Cidial®	PS-908	1g	Coumaphos			
PS-2273	30mg	Cierto®	PS-261	1g	Coumaphos			
PS-2266	500mg	Cinnacure®	PS-313	1g	Coumaphos			
PS-2266	500mg	Cinnamaldehyde	PS-17	1g	Coumaphos			
PS-603	50mg	Ciodrin®	PS-2058	100mg	Coumaphos			
PS-52	1g	CIPC®	PS-27	100mg	Coumaphos			
PS-1025	1g	CL 26691	PS-603	50mg	Coumaphos			
PS-224	1g	Clairsit®	PS-607	50mg	Coumaphos			
PS-1081	100mg	Classic 25 DF Weed Killer®	PS-2097	500mg	Coumaphos			
PS-2063	250mg	Clermail®	PS-2179	1g	Coumaphos			
PS-2045	100mg	Clethodim	PS-2000	1g	Coumaphos			
PS-2097	500mg	Clipper®	PS-2179	1g	Coumaphos			
PS-2276	100mg	Clodinafop-propargyl	PS-2028	1g	Coumaphos			
PS-2015	100mg	Clofentezine	PS-250	1g	Coumaphos			
PS-2001	100mg	Clomazone	PS-2028	1g	Coumaphos			
PS-317	1g	Clopropr	PS-1024	250mg	Coumaphos			
PS-1069	250mg	Clopyralid	PS-2028	1g	Coumaphos			
PS-2165	100mg	Cloransulam-methyl	PS-1022	100mg	Coumaphos			
PS-2261	100mg	Clothianidin	PS-1067	100mg	Coumaphos			
PS-1200	5ml	Clout® (100ug/ml in Acetonitrile)	PS-2131	100mg	Coumaphos			
PS-59	1g	CMU®	PS-842	1g	Coumaphos			
PS-2028	1g	CNC	PS-387	1g	Coumaphos			
			PS-2250	100mg	Coumaphos			
			PS-1067	100mg	Coumaphos			
			PS-2204	250mg	Coumaphos			
			PS-1090	250mg	Coumaphos			

Alphabetical Listing

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Alphabetical Listing

Catalog #	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-416	1g	3-Cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4-(1H,3H)-dione	<b>D</b>			PS-662	100mg	Demeton S
PS-415	1g	3-Cyclohexyl-6,7-dihydro-1(H)-cyclopentapyrimidine -2,4-(3H,5H)-dione	PS-41	1g	2,4-D	PS-1096	50mg	Demeton-S-methyl
PS-415	1g	3-Cyclohexyl-5,6-trimethyleneuracil	PS-315	1g	2,4-D butoxyethyl ester	PS-642	100mg	Demeton-S-methyl sulfone
PS-2033	500mg	Cyclopentadiene dimer	PS-42	1g	2,4-D butyl ester	PS-641	50mg	Demeton-S-methyl sulfoxide
PS-2092	500mg	Cyclopropane	PS-337	1g	2,4-D dimethylamine salt	PS-255	1g	Demosan®
PS-2204	250mg	Cyclopropanecarboxylic acid, 3-(2,2-dichloroethyl)-2,2-dimethyl-, cyano(4-fluoro-3-phenoxyphenyl) methyl ester	PS-338	1g	2,4-D ethanolamine salt	PS-2014	100mg	Denarin®
PS-2279	100mg	N-Cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-Triazine-2,4-diamine	PS-304	1g	2,4-D ethyl ester	PS-2084	1g	Denatonium benzoate
PS-2144	500mg	4-Cyclopropyl-6-methyl-N-phenylpyrimidin-2-amine	PS-319-1	1g	2,4-D 2-ethylhexyl ester	PS-1088	100mg	Depon®
PS-2166	500mg	5-Cyclopropyl-1,2-oxazol-4-yl a,a-trifluoro-2-mesyl-p-tolyl ketone	PS-319	1g	2,4-D isooctyl ester	PS-1077	100mg	Derosal®
PS-2214	250mg	1-[2-(Cyclopropylcarbonyl)phenylsulfamoyl]-3-(4,6-dimethoxy-pyrimidin-2-yl) urea	PS-332	1g	2,4-D isopropanol amine salt	PS-1015	250mg	Desmedipham
PS-1008	1g	a-Cyclopropyl-a(p-methoxyphenyl)-5-pyrimidine methanol	PS-299	1g	2,4-D isopropylamine salt	PS-57	1g	Detal®
PS-2073	500mg	N-Cyclopropyl-1,3,5-triazine-2,4,6-triamine	PS-43	1g	2,4-D isopropyl ester	PS-902	1g	Detamide®
PS-2214	250mg	Cyclosulfamuron	PS-41-1	1g	2,4-D methyl ester	PS-104	1g	Dethmor®
PS-363	1g	Cycocel®	PS-302	1g	2,4-D propylene glycol ester	PS-553	1g	Devrinol®
PS-678	500mg	Cyfen®	PS-301	1g	2,4-D sec-butyl ester	PS-262	1g	Dexon®
PS-1025	1g	Cyflée®	PS-429	1g	Daconate®	PS-366	1g	Dextrone X®
PS-1090	250mg	Cyfluthrin	PS-1020	1g	Daconil 2787®	PS-429	1g	Diamond Arsonate Liquid®
PS-2204	250mg	beta-Cyfluthrin	PS-33	1g	Dacthal®	PS-2221	250mg	Diafenthion
PS-659	250mg	Cygon®	PS-2195	100mg	Dagger®	PS-507	100mg	Di-allylate
PS-2280	100mg	Cyhalofop-butyl	PS-2223	100mg	Dakota®	PS-351	1g	N,N-Diallyl-2-chloroacetamide
PS-107	250mg	Cyhexatin	PS-32	1g	Dalapon	PS-2054	100mg	N,N-Diallyl-2,2-dichloroacetamide
PS-842	1g	Cylan®	PS-1100	100mg	Dalapon methyl ester	PS-2277	100mg	2,4-Diamino-5-(6-methyl veratryl)pyrimidine
PS-1068	100mg	Cymbush	PS-2236	250mg	Dalapon Sodium	PS-83	1g	Dianisyl trichloroethane
PS-2203	250mg	Cymbush®	PS-94	500mg	Dalf®	PS-2247	250mg	Diaract®
PS-1067	100mg	Cymoxanil	PS-2218	100mg	Damfin®	PS-90	1g	Diazinon
PS-668	100mg	Cynem®	PS-391	1g	Daminozide	PS-2175	250mg	Dibavit®
PS-2182	250mg	Cyngus®	PS-2216	100mg	Danitron®	PS-733	1g	Dibenzo-1,4-thiazine
PS-842	1g	Cyolan®	PS-2247	250mg	Dart®	PS-605	1g	Dibrom
PS-842	1g	Cyolane®	PS-667	100mg	Dasanit®	PS-426	1g	3,5-Dibromo-4-hydroxy benzonitrile
PS-1068	100mg	Cyperkill	PS-507	100mg	DATC	PS-1	1g	1,2-Dibromo-3-chloropropane
PS-2203	250mg	Cyperkill®	PS-17	1g	Dazomet	PS-434	1g	2,6-Dibromo-4-cyanophenyl octanoate
PS-1068	100mg	Cypermethrin	PS-306	1g	2,4-DB	PS-605	1g	1,2-Dibromo-2,2-dichloroethyl dimethylphosphate
PS-2083	250mg	alpha-Cypermethrin (1R, alpha-S)	PS-316	1g	2,4-DB dimethylamine salt	PS-154	1g	1,2-Dibromoethane
PS-2203	250mg	cisCypermethrin	PS-1101	100mg	2,4-DB methyl ester	PS-154	1g	Dibromoethane
PS-2203	250mg	beta-Cypermethrin	PS-1	1g	DBCP®	PS-550	100mg	2,6-Di-t-butyl-4-methyl phenyl N-methylcarbamate
PS-2203	250mg	Cypermethrin®	PS-900	1g	DBP®	PS-900	1g	Di-butylphthalate
PS-2198	100mg	d-trans-Cyphenothrin	PS-60	500mg	DCMU	PS-900	1g	Di-n-butyl phthalate
PS-2203	250mg	Cypor®	PS-293	1g	DCNA	PS-903	1g	Di-n-butyl succinate
PS-2104	100mg	Cyprazine	PS-33	1g	DCEPA methyl ester®	PS-903	1g	Di-butyl succinate
PS-250	1g	Cyprex®	PS-694	100mg	o,p'-DDD	PS-550	100mg	2,6-Di-t-butyl-p-tolyl-methylcarbamate
PS-2130	50mg	Cyproconazole	PS-72	1g	p,p'-DDD	PS-398	1g	DIC 1468®
PS-2144	500mg	Cyprodinil	PS-695	50mg	o,p'-DDE	PS-346	1g	Dicamba
PS-2073	500mg	Cypromazine	PS-696	100mg	p,p'-DDE	PS-1102	100mg	Dicamba methyl ester
PS-678	500mg	Cytel®	PS-74	1g	DDT	PS-669	1g	Di-Captan®
PS-1025	1g	Cythioate®	PS-74	1g	DDT (mixture p,p' & o,p')	PS-669	1g	Dicapthon
PS-86	500mg	Cythion®	PS-698	50mg	o,p'-DDT	PS-86	500mg	S-[1,2-Dicarbethoxyethyl]-O,O-dimethyl-dithiophosphate
PS-1072	30mg	Cythrion®	PS-699	1g	p,p'-DDT	PS-6	1g	Dicestal®
PS-382	1g	Cytrol®	PS-89	1g	DDVF®	PS-392	1g	Dichlobenil
PS-1026	100mg	Cytrolane®	PS-89	1g	DDVP®	PS-103	1g	Dichlofenthion
			PS-701	50mg	Decachloro octahydro-1,3,4-metheno-2H-cyclobuta[cd]pentalen-2-one	PS-2047	1g	Dichlofuanid
			PS-862	1g	Decachlorobis(2,4-cyclopentadiene-1-yl)	PS-12	1g	Dichlone
			PS-2043	100mg	Deccozil®	PS-293	1g	Dichloran®
			PS-702	100mg	Dechlorane®	PS-3	1g	Di-chloricide®
			PS-2071	100mg	Decis®	PS-2054	100mg	Dichlormid
			PS-89	1g	Dedevap®	PS-82	250mg	Di(p-chlorophenyl) trichloromethylcarbinol
			PS-902	1g	DEET	PS-856	1g	2,4-Dichlorophenyl benzenesulfonate
			PS-562	1g	DEF®	PS-426	1g	3,5-Dibromo-4-hydroxyphenyl cyanide
			PS-2178	250mg	Deflor®	PS-507	100mg	S-[2,3-Dichloroallyl]-N,N'-diisopropyl thiocarbamate
			PS-562	1g	Degreen	PS-346	1g	3,6-Dichloro-o-anisic acid
			PS-57	1g	Dekrysil®			
			PS-2035	50mg	Delan®			
			PS-68	250mg	Deleaf Defoliant			
			PS-68	1g	Deleaf Defoliant			
			PS-658	100mg	Delnav®			
			PS-902	1g	Delphene®			
			PS-24	1g	Delsan®			
			PS-1077	100mg	Delsene®			
			PS-2071	100mg	Deltamethrin			
			PS-661	100mg	Demeton O			
			PS-661/662	100mg	Demeton O & S			

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Alphabetical Listing

Catalog#	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-2	1g	1,2-Dichlorobenzene	PS-2269	250mg	1,4-Dichloro-2-nitrobenzene	PS-2043	100mg	1-[2-(2,4-Dichlorophenyl)-2-(2-propenyloxy)ethyl] -1H-imidazole
PS-3	1g	1,4-Dichlorobenzene	PS-2267	250mg	2,3-Dichloronitrobenzene			
PS-2	1g	o-Dichlorobenzene	PS-2268	250mg	2,4-Dichloronitrobenzene	PS-1075	250mg	1-[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylmethyl]-1H-1,2,4-triazole
PS-3	1g	p-Dichlorobenzene	PS-2269	250mg	2,5-Dichloronitrobenzene			
PS-1107	1g	3,5-Dichlorobenzoic acid	PS-2270	1g	3,4-Dichloronitrobenzene			
MET-392C	250mg	2,6-Dichlorobenzoic acid methyl ester	PS-2271	250mg	3,5-Dichloronitrobenzene	PS-2207	100mg	1-(2-(2,4-Dichlorophenyl)pentyl)-1H-1,2,4-triazole
PS-1114	100mg	3,5-Dichlorobenzoic acid methyl ester	PS-5	1g	1,1-Dichloro-1-nitroethane			
			PS-1207	250mg	2',5-Dichloro-4'-nitrosalicylanilide (100ug/ml in Methanol)	PS-2154	500mg	1-(3,5-Dichlorophenyl)-2,5-pyrrolidinedione
PS-392	1g	2,6-Dichlorobenzonitrile	PS-6	1g	Dichlorophen	PS-2154	500mg	N-(3,5-Dichlorophenyl)succinimide
PS-2064	1g	2-[4-(2,4-Dichlorobenzoyl)-1,3-dimethylpyrazol-5-yl]oxyacetophenone	PS-41	1g	(2,4-Dichlorophenoxy)acetic acid	PS-2157	500mg	(RS)-2-(2,4-Dichlorophenyl)-1-(1H-1,2,4-triazol-1-yl)hexan-2-ol
PS-388	250mg	2,4-Dichloro-6-o-chloroanilino-s-triazine	PS-42	1g	(2,4-Dichlorophenoxy)acetic acid butyl ester	PS-1069	250mg	3,6-Dichloropolinic acid
PS-696	100mg	1,1-Dichloro-2,2-bis(p-chlorophenyl)ethylene	PS-301	1g	(2,4-Dichlorophenoxy)acetic acid, sec-butyl ester	PS-153	1g	1,2-Dichloropropane
PS-694	100mg	1,1-Dichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)ethane	PS-306	1g	4-(2,4-Dichlorophenoxy)butyric acid	PS-152	1g	1,3-Dichloropropene
PS-695	50mg	1,1-Dichloro-2-(p-chlorophenyl)-2-(o-chlorophenyl)ethylene	PS-337	1g	(2,4-Dichlorophenoxy)acetic acid, dimethylamine salt	PS-152	1g	Dichloropropene
			PS-338	1g	(2,4-Dichlorophenoxy)acetic acid, ethanalamine salt	PS-356	500mg	3',4'-Dichloropropionanilide
PS-2248	25mg	1-[3,5-Dichloro-4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenyl]-3-(2,6-difluoro-benzoyl)urea	PS-304	1g	(2,4-Dichlorophenoxy)acetic acid, ethyl ester	PS-32	1g	2,2-Dichloropropionic acid
PS-2132	250mg	2',4'-Dichloro-5'-(4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)methanesulfonanilide	PS-319-1	1g	(2,4-Dichlorophenoxy)acetic acid, 2-ethylhexyl ester	PS-2236	250mg	2,2-Dichloropropionic acid, sodium salt
PS-2247	250mg	1-(3,5-Dichloro-2,4-difluorophenyl)-3-(2,6-difluorobenzoyl) urea	PS-332	1g	(2,4-Dichlorophenoxy)acetic acid, isopropanolamine salt	PS-152	1g	Dichloropropylene
PS-255	1g	1,4-Dichloro-2,5-dimethoxybenzene	PS-43	1g	(2,4-Dichlorophenoxy)acetic acid isopropyl ester	PS-1069	250mg	3,6-Dichloro-2-pyridine carboxylic acid
PS-2060	500mg	1,1-Dichloro-N-[dimethyl amino)sulfonyl]-1-fluoro-N-(4-methylphenyl)methanesulfenamide	PS-299	1g	(2,4-Dichlorophenoxy)acetic acid, isopropylamine salt	PS-2098	500mg	3,7-Dichloro-8-quinolinecarboxylic acid
PS-349	1g	3,5-Dichloro-N-(1,1-dimethyl-2-propynyl)benzamide	PS-41-1	1g	(2,4-Dichlorophenoxy)acetic acid methyl ester	PS-2284	100mg	5,7-Dichloro-4-quinolyl 4-fluorophenyl ether
PS-72	1g	Dichlorodiphenyl dichloroethane	PS-302	1g	(2,4-Dichlorophenoxy)acetic acid, propylene glycol ester	PS-2074	250mg	1-[3,5-Dichloro-4-(1,1,2,2-tetrafluoroethoxy)phenyl]3-(2,6-difluorobenzoyl)urea
PS-74	1g	Dichlorodiphenyl trichloroethane	PS-390	10mg	N-[(2,4-Dichlorophenoxy)acetyl]-DL-methionine	PS-2156	500mg	O-2,6-Dichloro-p-tolyl O,O-dimethyl phosphorothioate
PS-73	1g	1,1-Dichloro-2,2-bis(p-ethylphenyl)ethane	PS-1036	1g	2-[4-(2',4'-Dichlorophenoxy)phenoxy]-methyl-propanoate	PS-82	250mg	4,4'-Dichloro-a-[trichloromethyl]benzhydrol
PS-2047	1g	N-Dichlorofluoromethylthio-N',N'-dimethyl-N-phenylsulfamide	PS-44	250mg	2-(2,4-Dichlorophenoxy)propionic acid	PS-758-2	50mg	3-(2,2-Dichlorovinyl)-2,2-dimethylcyclopropane
PS-2284	100mg	5,7-Dichloro-4-(4-fluorophenoxy)quinoline	PS-2243	POR	1-(((2,4-Dichlorophenyl)amino)carbonyl) - cyclopropanecarboxylic acid	PS-89	1g	2,2-Dichlorovinyl dimethylphosphate
PS-2252	100mg	(RS)-1-[2,5-Dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)phenyl]-3-(2,6-difluoro-benzoyl)urea	PS-103	1g	O-(2,4-Dichlorophenyl)-O,O-diethylphosphorothioate	PS-89	1g	Dichlorovos carboxylate
PS-2090	500mg	3,5-Dichloro-4-hydroxybenzonitrile	PS-2126	250mg	N-(3,5-Dichlorophenyl)-1,2-dimethylcyclopropane-1,2-dicarboximide	PS-44	250mg	Dichloroprop
PS-2202	250mg	N-(2,3-dichloro-4-hydroxyphenyl)-1-methylcyclohexanecarboxamide	PS-2239	1ml	(2RS,3RS)-1-(2,4-Dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-ol (E)-(RS)-1-(2,4-Dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pent-1-en-3-ol	PS-1103	100mg	Dichloroprop methyl ester
PS-1206	5ml	O-2,5-Dichloro-4-iodophenyl-O,O-dimethylphosphorothioate (100ug/ml in Acetone)	PS-2152	100mg	phenyl-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pent-1-en-3-ol	PS-2239	1ml	Diclobutrazol
PS-63	1g	3',4'-Dichloro-2-methylacrylanilide	PS-60	500mg	3-(3,4-Dichlorophenyl)-1,1-dimethylurea	PS-1036	1g	Diclofop methyl
PS-12	1g	2,3-Dichloro-1,4-naphthoquinone	PS-1049	1g	3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione	PS-293	1g	Dicloran
PS-293	1g	2,6-Dichloro-4-nitroaniline	PS-2208	250mg	N-(2,6-Dichlorophenyl)-5-ethoxy-7-fluoro-[1,2,4]-triazolo-[1,5-c]pyrimidine-2-sulfonamide	PS-2208	250mg	Diclosulam
PS-2267	250mg	1,2-Dichloro-3-nitrobenzene	PS-1094	100mg	O-(2,4-Dichlorophenyl)-O-ethyl-S-propylphosphorodithioate	PS-82	250mg	Dicofol
PS-2270	1g	1,2-Dichloro-4-nitrobenzene	PS-372	250mg	3-(3,4-Dichlorophenyl)-1-methoxy-1-methylurea	PS-74	1g	Dicophane®
			PS-63	1g	N-(3,4-Dichlorophenyl)methylacrylamide	PS-602	250mg	Dicrotophos
						PS-63	1g	Dicryl®
						PS-2173	100mg	Dictran®
						PS-2078	250mg	Dicuran®
						PS-2033	500mg	Dicyclopentadiene
						PS-6	1g	Didroxane®
						PS-76	250mg	Dieldrin
						PS-902	1g	Dieltamid®
						PS-862	1g	Dienochlor
						PS-1006	1g	Diethatyl ethyl
						PS-2153	250mg	Diethofencarb
						PS-1026	100mg	2-(Diethoxyphosphinyl imino) -4-methyl-1,3-dithiolane
						PS-2100	1g	alpha-[(Diethoxyphosphinothioyl)oxy]imino]benzene-acetonitrile
						PS-675	1g	O,O-Diethyl-O-[2-chloro-1-[2,5-dichlorophenyl]vinyl] phosphorothioate
						PS-656	100mg	O,O-Diethyl-O-[3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl] phosphorothioate

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Alphabetical Listing

Catalog #	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-682	1g	O,O-Diethyl-S-[(6-chloro-2-oxo-benzoxazolin-3-yl)-methyl]-phosphorodithioate	PS-902	1g	N,N-Diethyl-m-toluamide	PS-294	1g	5,6-Dihydro-2-methyl-1,4-oxathiin-3-carboxanilide
PS-2287	POR	Diethyl (RS)-1-(2,4-dichlorophenyl)-5-methyl-2-pyrazoline-3,5-dicarboxylate	PS-674	1g	O,O-Diethyl-O-[3,5,6-trichloro-2-pyridyl]-phosphorothioate	PS-2189	250mg	(E)-4,5-Dihydro-6-methyl-4-(3-pyridylmethyleneamino)-1,2,4-triazin-3(2H)-one
PS-643	250mg	O,O-Diethyl-O-[2-(diethylamino)-6-methyl-4-pyrimidinyl]phosphorothioate	PS-2143	100mg	Difenacoum	PS-2155	250mg	O-(1,6-Dihydro-6-oxo-1-phenylpyridazin-3-yl) O,O-diethyl phosphorothioate
PS-66	1g	Diethyl dithiobis(thionoformate)	PS-404	1g	Difenzoquat methylsulfate	PS-907	1g	Dihydroprone®
PS-19	250mg	Diethyldithiocarbamic acid, 2-chloroallyl ester	PS-1028	1g	Diflubenzuron	PS-65	1g	1,2-Dihydro-pyridazine-3,6-dione
PS-661	100mg	Diethyl 2-eththioethyl thionophosphate	PS-2148	250mg	Diflufenzopyr	PS-397	250mg	3,5-Diido-4-hydroxy benzonitrile
PS-652	1g	O,O-Diethyl-S-[2-(ethylthio)ethyl]phosphorodithioate	PS-2172	100mg	4-(2,2-Difluoro-1,3-benzodioxol-4-yl)-1H-pyrrole-3-carbonitrile	PS-2101	500mg	Di-isopropyl 1,3-dithiolan-2-ylindene malonate
PS-661	100mg	O,O-Diethyl O-2-(ethylthio)ethyl phosphorothioate	PS-2169	500mg	4-(2,2-Difluoro-1,3-benzodioxol-4-yl)-1H-pyrrole-3-carbonitrile	PS-2272	250mg	2,6-Diisopropyl naphthalene
PS-662	100mg	O,O-Diethyl-S-[2-(ethylthio)ethyl]phosphorothioate	PS-2111	500mg	2-[4,6-bis(Difluoromethoxy)pyrimidin-2-yl]carbamoyl sulfamoyl]benzoic acid methyl ester	PS-2190	250mg	Dikegualic acid
PS-654	100mg	O,O-Diethyl-S-[(ethylthio)methyl]phosphorodithioate	PS-2148	250mg	N-(2,6-Difluorophenyl)-5-methyl-[1,2,4]triazolo[1,5-a]pyrimidine-2-sulfonamide	PS-606	250mg	Dimecron®
PS-681	1g	O,O-Diethyl-O-[1-isopropyl-5-chloro-1,2,4-triazolyl-3]]-phosphorothioate	PS-2111	500mg	2-[4-(3,5-difluorophenyl)semicarbazono]ethyl]nicotinic acid	PS-2184	250mg	Dimehypo
PS-90	1g	O,O-Diethyl-O-[2-isopropyl-4-methyl-6-pyrimidyl]phosphorothioate	PS-2111	500mg	2-(2,6-Difluorophenyl sulphamoyl)-5-methyl[1,2,4]-triazolo[1,5-a]pyridine Difolatan®	PS-2173	100mg	Dimension®
PS-1026	100mg	Diethyl-N-(4-methyl-1,3-dithiolan-2-ylidene)-phosphoramidate	PS-260	1g	22,23-Dihydroabamectin	PS-2154	500mg	Dimetachlone
PS-2275	500mg	O,O-Diethyl O-(3-methyl-4-(methylthio)phenyl)phosphorothioate	PS-2220	100mg	22,23-Dihydrovermectin B1	PS-659	250mg	Dimetate®
PS-667	100mg	O,O-Diethyl[p-(methylsulfinyl) phenyl]phosphorothioate	PS-2220	100mg	2,3-Dihydro-5-carboxanilide-6-methyl-1,4-oxathiin-4,4-dioxide	PS-2154	500mg	Dimethachlon
PS-381	50mg	N,N'-Diethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine	PS-295	1g	9,10-Dihydro-8a,10a-diazoniaphenanthrene ion	PS-2161	250mg	Dimethenamid
PS-610	100mg	Diethyl-p-nitrophenylphosphate	PS-365	1g	2,3-Dihydro-2,2-dimethyl-7-benzofuranyl [(dibutylamino)thio] methylcarbamate	PS-2291	100mg	Dimethenamid-P
PS-95	500mg	O,O-Diethyl-O-p-nitrophenyl phosphorothioate	PS-1063	250mg	2,3-Dihydro-2,2-dimethyl-benzofuran-7-yl methylcarbamate	PS-2052	1g	Dimethipin
PS-673	100mg	O,O-Diethyl-S-[4-oxo-1,2,3-benzotriazin-3-[4H]-ylmethyl]phosphorodithioate	PS-754	1g	2,3-Dihydro-5,6-dimethyl-1,4-dithi-ine-1,1,4,4-tetraoxide	PS-659	250mg	Dimethoate
PS-223	1g	Diethyl 4,4'-o-phenylene bis(3-thioallophanate)	PS-2052	1g	2,3-Dihydro-5,6-dimethyl-1,4-dithi-ine-1,1,4,4-tetraoxide	PS-2017	100mg	Dimethoate-O-analog
PS-1213	5ml	O,O-Diethyl O-1-(phenyl-1H-1,2,4-triazol-3-yl)phosphorothioate	PS-2035	50mg	5,10-Dihydro-5,10-dioxonaphtho[2,3-b]-1,4-dithi-in-2,3-dicarbonitrile	PS-2138	500mg	Dimethomorph
PS-2139	100mg	O,O-Diethyl O-1-Phenyl-1H-1,2,4-triazol-3-yl phosphorothioate	PS-2035	50mg	5,10-Dihydro-5,10-dioxonaphtho[2,3-b]-p-dithi-in-2,3-dicarbonitril	PS-2138-1	500mg	Z-Dimethomorph
PS-670	1g	O,O-Diethyl phosphoro chloridithioate	PS-365	1g	6,7-Dihydrodipyrido[1,2-a:2'1'-c]pyrazinediium dibromide	PS-83	1g	Dimethoxy-DT®
PS-610	100mg	O,O-Diethylphosphoric acid-o-p-nitrophenyl ester	PS-432	250mg	1,2-Dihydro-6-ethoxy-2,2,4-trimethyl-quinoline	PS-2277	100mg	5-(4,5-Dimethoxy-2-methylbenzyl)-2,4-diaminopyrimidine
PS-2127	100mg	O,O-Diethyl phthalimidophos phonothioate	PS-203	100mg	[Dihydrogen borato]phenyl mercury	PS-609	1g	cis-3-[Dimethoxy phosphinyloxy]-N-methyl-crotonamide
PS-1208	5ml	O,O-Diethyl phthalimidophos phonothioate (100ug/ml in Hexane)	PS-2197	250mg	(RS)-2-(4,5-Dihydro-4-isopropyl-4-methyl-5-oximidazol-2-yl)-5-methyl nicotinic acid	PS-2005	100mg	2-[[[(4,6-Dimethoxypyrimidin-2-yl) aminocarbonyl]amino sulfonyl]-N,N-dimethyl-3-pyridine carboxamide
PS-668	100mg	O,O-Diethyl-O-2-pyrazinylphosphorothioate	PS-2231	250mg	4,5-Dihydro-3-methoxy-4-methyl-5-oxo-N-(2-trifluoromethoxy phenylsulfonyl)-1H-1,2,4-triazole-1-carboxamide sodium salt	PS-2232	100mg	2-[[[(4,6-Dimethoxy-2-pyrimidinyl)amino] carbonyl]amino]sulfonyl]-4-(formylamino)-N,N-dimethylbenzamide
PS-2010	250mg	O,O-Diethyl-O-quinoxalin-2-yl phosphorothioate	PS-2053	100mg	(+/-)-2-[4,5-Dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid	PS-2286	POR	2-[(4,6-Dimethoxypyrimidin-2-yl)carbamoyl]sulfamoyl]-a-(methanesulfonamido)-p-toluate
PS-2217	250mg	O,O-Diethyl O-(1,2,2,2-tetrachloroethyl) phosphorothioate	PS-295	1g	5,6-Dihydro-2-methyl-1,4-oxathiin-3-carboxanilide-4,4-dioxide	PS-2232	100mg	1-(4,6-Dimethoxypyrimidin-2-yl)-3-[2-(dimethyl carbamoyl)-5-formamido phenylsulfonyl]urea

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Alphabetical Listing

Catalog#	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-2200	250mg	4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-Naphthacene carboxamide	PS-407	1g	N-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea	PS-1099	100mg	N-(2,6-Dimethylphenyl)-N-(methoxyacetyl)-alanine methyl ester
PS-751	250mg	4-Dimethylamino-m-tolyl-methylcarbamate	PS-2233	50mg	O,O-Dimethyl S-(2-ethylthio)ethyl ester phosphorodithioic acid	PS-2137	100mg	N-(2,6-Dimethylphenyl)-2-methoxy-N-(2-oxo-3-oxazolidiny)acetamide
PS-2147	500mg	2-[4-Dimethylamino-6-(2,2,2-trifluoroethoxy)-1,3,5-triazin-2-yl]carbamoylsulfamoyl]-m-toluic acid methyl ester	PS-680	500mg	S-[[[(1,1-Dimethylethylthio)methyl]-O,O-diethyl phosphorodithioate	PS-61	1g	1,1-Dimethyl-3-phenylurea
PS-2069	500mg	S,S'-2-Dimethylamino trimethylene bis(thiocarbamate) hydrochloride	PS-400	1g	N,N-Dimethyl-N'-[3-[[[(methylamino)-carbonyl]oxy]phenyl]methanimidamide	PS-364	1g	1,1-Dimethyl-3-phenylurea trichloroacetate
PS-2106	1g	S,S'-2-Dimethylamino trimethylene di(benzenethiosulfonate)	PS-2187	100mg	O,O-Dimethyl S-2-(1-N-methylcarbamoylthio)ethyl mercapto)ethyl thiophosphate	PS-609	1g	Dimethyl phosphate ester of 3-hydroxy-N-methyl-cis-crotonamide
PS-754	1g	4-Dimethylamino-3,5-xylyl-methylcarbamate	PS-2017	100mg	O,O-Dimethyl-S-methylcarbamoyl methyl phosphorothioate	PS-676	100mg	O,S-Dimethyl phosphoramidothioate
PS-51	500mg	Dimethylarsinic acid	PS-659	250mg	O,O-Dimethyl-S-(N-methylcarbamoylmethyl) phosphorodithioate	PS-91	1g	Dimethyl phosphorochlorodithioate
PS-901	1g	Dimethyl 1,2-benzenedicarboxylate	PS-737	250mg	N,N-Dimethyl-2-methylcarbamoyloxyimino-2-(methylthio)acetamide	PS-91	1g	O,O-Dimethyl phosphorochlorodithioate
PS-739	250mg	2,2-Dimethylbenzo-1,3-dioxol-4-yl methylcarbamate	PS-840	1g	N,N-Dimethyl-N'-(2-methyl-4-chlorophenyl)-formanidine	PS-679	1g	O,O-dimethylphosphorodithioate, S-ester with 4-[mercaptomethyl]-2-methoxy-delta <sup>2</sup> -1,3,4-thiadiazolin-5-one
PS-366	1g	1,1'-Dimethyl-4,4'-bipyridinium dichloride	PS-2000	1g	N,N-Dimethyl-N'-[4-(1-methylethyl)phenyl]urea	PS-901	1g	Dimethylphthalate
PS-602	250mg	(E)-2-Dimethylcarbamoyl-1-methylvinylidimethyl phosphate	PS-2198	100mg	2,2-Dimethyl-3-(2-methyl-1-propenyl)-cyano (3-phenoxyphenyl) methyl ester cyclopropane carboxylic acid	PS-653	1g	O,O-Dimethyl-S-phthalimido methyl phosphorodithioate
PS-669	1g	O,O-Dimethyl-O-(2-chloro-4-nitrophenyl) phosphorothioate	PS-96	5ml	2,2-Dimethyl-3-[2-methylpropenyl] cyclopropane carboxylic acid ester of 2-allyl-4-hydroxy-3-methyl-2'-cyclopenten-1-on	PS-653	1g	O,O-Dimethyl phthalimido-methyl phosphorothioate
PS-91	1g	Dimethyl chloro thiophosphate	PS-543	1g	3,5-Dimethyl-4-[methylthio]phenyl methylcarbamate	PS-1025	1g	O,O-Dimethyl-O-p-sulfamoylphenyl phosphorothioate
PS-644	250mg	O,O-Dimethyl-O-[2-(diethylamino)-6-methyl-4-pyrimidinyl] phosphorothioate	PS-655	500mg	O,O-Dimethyl-O-[4-(methylthio)-m-tolyl]-phosphorothioate	PS-1047	10mg	N,N-Dimethyl-piperidinium chloride
PS-2173	100mg	S,S'-Dimethyl 2-difluoromethyl- 4-isobutyl-6-trifluoromethylpyridine -3,5-dicarbathioate	PS-613	100mg	Dimethyl-p-nitrophenylphosphate	PS-349	1g	N-[1,1-Dimethylpropynyl]-3,5-dichlorobenzamide
PS-671	1g	O,O-Dimethyl-O-p-(dimethylsulfamoyl)phenyl phosphorothioate	PS-94	500mg	O,O-Dimethyl-O-p-nitrophenyl phosphorothioate	PS-2251	100mg	N-(4,6-Dimethylpyrimidin-2-yl)aniline
PS-350	1g	N,N-Dimethyl-2,2-diphenylacetamide	PS-678	500mg	O,O-Dimethyl-O-(4-nitro-m-tolyl)phosphorothioate	PS-340	1g	N,N-Dimethylsuccinamic acid
PS-404	1g	1,2-Dimethyl-3,5-diphenyl-1H-pyrazolium methyl sulfate	PS-2288	POR	3a, alpha, 4alpha, 5alpha, 7alpha, 7a, alpha, N, N-Dimethyl-N'-(octahydro-4,7-methano-1H-inden-5-yl)urea	PS-33	1g	Dimethyl-2,3,5,6-tetrachloroterephthalate
PS-20	1g	Dimethyldithiocarbamic acid, ferric salt	PS-666	1g	O,O-Dimethyl-S-[4-oxo-1,2,3-benzotriazin-3(4H)-ylmethyl]phosphorodithioate	PS-24	1g	Dimethyl thiuram disulfide
PS-21	1g	Dimethyldithiocarbamic acid, zinc salt	PS-1002	100mg	3-[2(3,5-Dimethyl-2-oxocyclohexyl)-2-hydroxyethyl]-glutarimide	PS-608	1g	Dimethyl-[2,2,2-trichloro-1-hydroxyethyl]phosphonate
PS-2120	1g	N-(1,1-Dimethylethyl)-N'-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine	PS-94	500mg	Dimethyl parathion	PS-611	1g	Dimethyl-1-[2,4,5-trichlorophenyl]-2-chlorovinyl phosphate
PS-1004	500mg	4-(1,1-Dimethylethyl)-N-(1-methylpropyl)-2,6-dinitrobenzenamine	PS-1005	500mg	N'-(2,4-Dimethylphenyl)-N-[(2,4-dimethylphenyl)imino]methyl]-N-methylmethanimidamide	PS-657	100mg	O,O-Dimethyl-O-[2,4,5-trichlorophenyl] phosphorothioate
PS-1004	500mg	4-(1,1-Dimethylethyl)-N-(1-methylpropyl)-2,6-dinitrobenzenamine	PS-230	1g	Dimethyl(1,2-phenylene)bis(iminocarbono thioyl) bis(carbamate)	PS-418	250mg	O,O-Dimethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate
PS-2192	100mg	O-(2-(1,1-Dimethylethyl)-5-pyrimidinyl) O-ethyl O-(1-methylethyl)	PS-230	1g	Dimethyl(4,4'-o-phenylenebis-(3-thioallophanate)	PS-2242	100mg	Dimethyl-2,6 tridecyl-4 morpholine
PS-641	50mg	O,O-Dimethyl-S-(2-ethylsulfinyloxy) phosphorothioate	PS-230	1g	Dimethyl(4,4'-o-phenylenebis-(3-thioallophanate)	PS-2050	100mg	N-2,4-Dimethyl-5-[[[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide
PS-642	100mg	O,O-Dimethyl-S-(2-ethylsulfonyloxy) phosphorothioate				PS-369	1g	1,1-Dimethyl-3-(a,a,a-trifluoro-m-tolyl) urea

Alphabetical Listing

For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

## Chem Service Pesticide Standards - Alphabetical Listing

Alphabetical Listing

Catalog #	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-27	100mg	2,4-Dinitro-6-octylphenyl crotonate;2,6-Dinitro-4-octylphenyl crotonate (2:1)	PS-17	1g	DMTT	PS-81-2	100mg	Endosulfan (beta isomer)
PS-27	100mg	Dinocap	PS-56	100mg	DNBP	PS-81-1	100mg	Endosulfan I
PS-56	100mg	Dinoseb	PS-57	1g	DNC	PS-81-2	100mg	Endosulfan II
PS-1104	100mg	Dinoseb methyl ether	PS-57	1g	DNOC	PS-81-3	50mg	Endosulfan sulfate
PS-2278	250mg	Dinosol®	PS-702	100mg	Dodecachloro octahydro-1.3.4-metheno-2H-cyclobuta[cd]pentalene	PS-345	250mg	Endothal
PS-2022	250mg	Dioxacarb	PS-250	1g	n-Dodecylguanidine acetate	PS-345	250mg	Endothal (unstated stereochemistry)
PS-658	100mg	S,S'-p-Dioxane-2,3-bis[O,O-diethyl phosphorodithioate]	PS-1086	100mg	Dodemorph	PS-77	250mg	Endrin
PS-658	100mg	S,S'-(p-Dioxane-2,3-diyl)O,O,O',O'-tetraethylidi (phosphorodithioate)	PS-250	1g	Dodine	PS-77-1	10mg	Endrin aldehyde
PS-658	100mg	Dioxathion	PS-2083	250mg	Dominex®	PS-77-2	10mg	Endrin ketone
PS-2022	250mg	2-(1,3-Dioxolan-2-yl)phenyl methylcarbamate	PS-2178	250mg	Dosaflo®	PS-2260	100mg	Endura®
PS-642	100mg	Dioxydemeton-S-methyl	PS-2178	250mg	Dosagran®	PS-2133	500mg	Endurance®
PS-350	1g	2,2-Diphenyl-N,N-dimethylacetamide	PS-2178	250mg	Dosanex®	PS-2200	250mg	Engemycin®
PS-288	100mg	Diphacinone	PS-2178	250mg	Dosanex®	PS-350	1g	Enide®
PS-350	1g	Diphenamid	PS-2209	250mg	Dotan®	PS-2051	100mg	Enstar®
PS-64	1g	Diphenatril	PS-2191	100mg	Dowco 433®	PS-655	500mg	Entex®
PS-6	1g	Di-phenthan-70®	PS-420	1g	Dowicide 1®	PS-2110	100mg	Epingle®
PS-2032	1g	Diphenyl	PS-9	1g	Dowicide 2®	PS-93	1g	EPN
PS-851	1g	Diphenyl diimide	PS-10	1g	Dowicide 2S®	PS-2222	1ml	epsilon-BHC
PS-64	1g	Diphenylacetoneitrile	PS-8	100mg	Dowicide 6®	PS-2222	1ml	epsilon-lorocyclohexane
PS-288	100mg	2-Diphenylacetyl-1.3-indandione	PS-7	1g	Dowicide 7®	PS-54	500mg	Eptam®
PS-427	1g	Diphenylamine	PS-2234	POR	Dowicil 150®	PS-54	500mg	EPTC
PS-411	100mg	Dipropetryn	PS-2236	250mg	Dowpon S®	PS-2220	100mg	Eqvalan®
PS-393	1g	4-Dipropylamino-3,5-dinitrobenzotrifluoride	PS-32	1g	Dowpon®	PS-2040	100mg	Erunite®
PS-2133	500mg	5-Dipropylamino-a,a,a-trifluoro-4,6-dinitro-ortho-toluidine	PS-44	250mg	2.4-DP®	PS-790	250mg	Esbiol®
PS-906	1g	Di-n-propyl isocinchomerate	PS-78	100mg	Drinox®	PS-1082	100mg	Escuri®
PS-608	1g	Dipterex®	PS-2044	1g	Dropp®	PS-2004	100mg	Esfenvalerate
PS-365	1g	Diquat Dibromide monhydrate	PS-2154	500mg	DSI®	PS-855	1g	Estonmite®
PS-60	500mg	Direx	PS-281	500mg	DSMA	PS-408	1g	Ethalfuralin
PS-2182	250mg	Discus®	PS-403	500mg	Dual	PS-2183	100mg	Ethametsulfuron-methyl
PS-661	100mg	Di-septon	PS-80	1g	Duphar®	PS-412	1g	Ethanedial dioxime
PS-220	1g	Disodium ethylene bis[dithiocarbamate]	PS-2116	500mg	Duplosan® KV	PS-325	1g	Ethephon
PS-281	500mg	Disodium methane arsonate	PS-87-1	100mg	cis-Duraphos®	PS-5	1g	Ethide®
PS-281	500mg	Disodium methyl arsenate	PS-50	1g	Duraset 20W®	PS-2061	100mg	Ethidimuron
PS-2184	250mg	Disodium S,S'-(2-dimethylamino-1,3-propanediyl)bis(thiosulfate)	PS-1096	50mg	Duratox®	PS-2058	100mg	Ethiofen carb
PS-1102	100mg	Disugran	PS-674	1g	Dursban®	PS-92	1g	Ethion
PS-652	1g	Disulfoton	PS-1031	500mg	Duter®	PS-1092	100mg	Ethiozin®
PS-313	1g	Disul-Na®	PS-1031	500mg	Du-Ter®	PS-2237	100mg	Ethofenprox®
PS-652	1g	Di-Syston®	PS-61	1g	Dybar®	PS-1045	1g	Ethofumesate
PS-281	500mg	Ditac®	PS-664	100mg	Dyfonate®	PS-102	1g	Ethohexadiol®
PS-2127	100mg	Ditalimfos	PS-608	1g	Dylox®	PS-672	1g	Ethoprop®
PS-1208	5ml	Ditalimfos (100ug/ml in Hexane)	PS-350	1g	Dymid®	PS-672	1g	Ethoprophos®
PS-2095	500mg	Dithane®	PS-2068	100mg	Dynamec®	PS-1015	250mg	3-Ethoxycarbonyl aminophenyl-N-phenyl-carbamate
PS-22	1g	Dithane M-22®	PS-2216	100mg	Dynamite®	PS-2283	50mg	S-(N-Ethoxycarbonyl-N-methylcarbamoylmethyl) O,O-diethyl phosphorodithioate
PS-220	1g	Dithane S®	PS-388	250mg	Dyrene®	PS-1045	1g	(+/-)-2-Ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
PS-23	1g	Dithane Z-78®	PS-608	1g	Dyrex®	PS-2013	100mg	(±)-(EZ)-2-(1-Ethoxyiminobutyl)-5-[2-(ethylthio)propyl]-3-hydroxycyclohex-2-enone
PS-2035	50mg	Dithianon	PS-2233	50mg	Ebucid®	PS-2135	500mg	2-[1-(Ethoxyimino) propyl]-3-hydroxy-5-mesitylcyclohex-2-enone
PS-2024	50mg	Dithio®	PS-2199	100mg	Ebufos	PS-2237	100mg	2-(4-Ethoxyphenyl)-2-methylpropyl 3-phenoxybenzyl ether
PS-652	1g	Dithiodemeton®	PS-1092	100mg	Ebuzin®	PS-264	1g	5-Ethoxy-3-trichloromethyl-1.2.4-thiadiazole
PS-2233	50mg	Dithiometon	PS-2203	250mg	Ectopop®	PS-432	250mg	Ethoxyquin
PS-2024	50mg	Dithione®	PS-154	1g	EDB	PS-325	1g	Ethrel®
PS-2173	100mg	Dithiopyr	PS-2066	500mg	Edifenophos	PS-326	1g	Ethyl-3-amino-2,5-dichlorobenzoate
PS-652	1g	Dithio-Systox®	PS-57	1g	Effusan®	PS-395	500mg	2-[Ethylamino]-4-[isopropylamino]-6-methoxy-s-triazine
PS-293	1g	Ditrani®	PS-328	1g	EGT	PS-383	500mg	2-Ethylamino-4-isopropylamino-6-methylthio-s-triazine
PS-57	1g	Ditrosol®	PS-2010	250mg	Ekalux®			
PS-60	500mg	Diuron	PS-2233	50mg	Ekatin®			
PS-901	1g	DMP®	PS-602	250mg	Ektafos®			
PS-83	1g	DMTD	PS-2202	250mg	Elevate®			
			PS-56	100mg	Elgetol 318®			
			PS-57	1g	Elgetol® 30			
			PS-1091	100mg	Elite®			
			PS-2022	250mg	Elocron®			
			PS-2025	100mg	Elsan®			
			PS-2265	100mg	Emamectin			
			PS-155	5ml	Embafume®			
			PS-2050	100mg	Embark®			
			PS-2152	100mg	Embassador®			
			PS-306	1g	Embutox®			
			PS-2260	100mg	Emerald®			
			PS-2072	100mg	Enable®			
			PS-81	500mg	Endosulfan			
			PS-81-1	100mg	Endosulfan (alpha isomer)			

### E

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Alphabetical Listing

Catalog#	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-2079	100mg	Ethyl N-benzoyl-N-(3,4-dichlorophenyl)-DL-alaninate	PS-23	1g	Ethylene bis(dithiocarbamic acid) zinc salt	PS-2233	50mg	S-(2-(Ethylthio)ethyl) O,O-dimethylphosphoro dithionate
PS-2199	100mg	O-Ethyl-S,S-di-sec-butylphosphorodithioate	PS-328	1g	Ethylene glycol bis[trichloroacetate]	PS-1096	50mg	S-[2-(Ethylthio)ethyl]-O,O-dimethyl phosphorothioate
PS-101	1g	2-Ethyl-2-butyl-1,3-propanediol	PS-2180	1g	N,N'-Ethylenethiourea	PS-2058	100mg	a-Ethylthio-o-tolylmethyl carbamate
PS-1088	100mg	(+/-)-Ethyl-2-[4-(6-chloro-2-benzoxazoloyloxy)phenoxy]propanoate	PS-502	1g	S-Ethyl-N-ethyl-N-cyclohexylthiocarbamate	PS-2007	100mg	O-Ethyl-O-(2,4,5-trichlorophenyl)ethyl phosphonothioate
PS-2223	100mg	Ethyl(R)-2-[[[4-(6-chloro-2-benzoxazoloyloxy)phenoxy]propanoate	PS-501	250mg	Ethyl-1-hexamethyleneimine carbothioate	PS-2134	50mg	Ethyl-(2E,4E,7S)-3,7,11-trimethyl-2,4-dodecadienoate
PS-2170	100mg	Ethyl (RS)-2-chloro-3-[2-chloro-5-(4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)-4-fluorophenyl]propionate	PS-102	1g	2-Ethyl-1,3-hexanediol	PS-610	100mg	Eticol
PS-1081	100mg	Ethyl 2-[[[4-(4-chloro-6-methoxy-2-pyrimidinyl)amino]carbonyl]amino]sulfonyl] benzoate	PS-102	1g	N-[2-Ethylhexyl]bicyclo-[2.2.1]-5-heptene-2,3-dicarboximide	PS-95	500mg	Etilon®
PS-2193	250mg	Ethyl 4-chloro-2-oxo-3(2H)-benzothiazoleacetate	PS-962	250mg	2-Ethylhexyl-2,4-dichlorophenoxy acetate	PS-2109	10mg	Etoc®
PS-2151	500mg	Ethyl (R)-2-[4-(6-chloroquinoxalin-2-yl)oxy]phenoxy]propionate	PS-319-1	1g	Ethyl-m-hydroxycarbanilate carbamate(ester)	PS-2237	100mg	Etopenprox
PS-1080	100mg	Ethyl-2-[4-[(6-chloro-2-quinoxalinyloxy]phenoxy]propionate	PS-1015	250mg	(RS)-5-Ethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolyl-2-yl)-nicotinic acid	PS-2257	50mg	Etoxazole
PS-2077	100mg	Ethyl O-[5-(2-chloro-a,a,a-trifluoro-p-tolyloxy)-2-nitrobenzoyl]-DL-lactate	PS-2039	100mg	Ethylmercuric chloride	PS-264	1g	Etridiazole
PS-502	1g	S-Ethyl cyclohexyl (ethyl)thiocarbamate	PS-209	250mg	Ethyl methylene phosphorodithioate	PS-657	100mg	Etolene
PS-2158	250mg	Ethyl 4-cyclopropyl (hydroxy)methylene-3,5-dioxocyclohexane carboxylate	PS-92	1g	Ethyl-3-methyl-4-[methylthio]phenyl [1-methylethyl] phosphoramidate	PS-940	1g	Eugenic acid®
PS-854	250mg	Ethyl-4,4'-dichlorobenzilate	PS-612	1g	N-Ethyl-N-(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine	PS-940	1g	Eugenol
PS-2049	100mg	Ethyl-2-diethoxyphosphino thioxyloxy -5-methylpyrazolo [1,5-a]-pyrimidine-6-carboxylate	PS-2129	1g	N-[3-(1-Ethyl-1-methylpropyl) isoxazol-5-yl]-2,6-dimethoxybenzamide	PS-2060	500mg	Euparen M®
PS-503	1g	S-Ethyl diisobutylthiocarbamate	PS-2199	100mg	O-Ethyl-S,S-bis(1-methylpropyl) phosphorodithioate	PS-2047	1g	Euparen®
PS-503	1g	S-Ethyl-N,N-diisobutylthiolcarbamate	PS-1018	100mg	O-Ethyl-O-[4-(methylthio)phenyl]-S-propyl phosphorodithioate	PS-502	1g	Eurex
PS-2025	100mg	Ethyl-2-dimethoxy phosphinothioyl thio(phenyl)acetate	PS-612	1g	Ethyl-4-[methylthio]-m-tolyl isopropylphosphoramidate	PS-383	500mg	EVIK®
PS-2241	100mg	Ethyl N-[2,3-dihydro-2,2-dimethylbenzofuran-7-yloxy]carbonyl(methyl) aminothio]-N-isopropyl-beta-alaninate	PS-335	1g	Ethyl 1-naphthalene acetate	PS-1044	100mg	Evital®
PS-2105	100mg	Ethyl 5-(4,6-dimethoxy pyrimidin-2-yl)carbamoyl sulfamoyl)-1-methylpyrazole-4-carboxylate	PS-93	1g	O-Ethyl-O-p-nitrophenyl phenylphosphonothioate	PS-1088	100mg	Excel®
PS-2066	500mg	O-Ethyl S,S-diphenyl phosphorodithioate	PS-93	1g	O-Ethyl-O-p-nitrophenyl phenylthiophosphonate	PS-66	1g	EXD
PS-672	1g	O-Ethyl-S,S-dipropylphosphorodithioate	PS-95	500mg	Ethyl parathion®	PS-2099	250mg	Express®
PS-54	500mg	S-Ethyl dipropylthiocarbamate	PS-2174	250mg	Ethyl (2-(4-phenoxy phenoxy)ethyl)carbamate	PS-2223	100mg	Extra®
PS-365	1g	1,1'-Ethylene-2,2-bipyridylium ion	PS-664	100mg	O-Ethyl-S-phenylethyl phosphonodithioate	PS-562	1g	E-Z Off D
PS-328	1g	Ethylene bistrichloroacetate	PS-401	1g	N-[1-Ethylpropyl]-3,4-dimethyl-2,6-dinitrobenzenamine	PS-2098	500mg	Facet®
PS-154	1g	Ethylenedibromide	PS-601	500mg	Ethyl pyrophosphate	PS-2022	250mg	Famid®
PS-228	1g	Ethylene bis(dithiocarbamic acid) diammonium salt	PS-2224	500mg	1-(2-Ethylsulfonylimidazo [1,2a]pyridin-3-ylsulfonyl)-3-(4,6-dimethoxypyrimidin-2-yl)urea	PS-671	1g	Famophos®
PS-22	1g	Ethylene bis(dithiocarbamic acid) manganese salt	PS-2061	100mg	1-(5-Ethylsulfonyl)-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea	PS-203	100mg	Famosept®
			PS-411	100mg	2-Ethylthio-4,6-di(isopropylamino)-1,3,5-triazine	PS-2259	100mg	Famoxadone
						PS-671	1g	Famphur
						PS-506	1g	Fargo®
						PS-2083	250mg	Fastac®
						PS-33	1g	Fatal®
						PS-2043	100mg	Fecundal®
						PS-308	1g	Fenac
						PS-2292	100mg	Fenamidon
						PS-262	1g	Fenaminosulf
						PS-612	1g	Fenamiphos
						PS-1073	100mg	Fenarimol
						PS-308	1g	Fenatrol
						PS-2258	100mg	Fenazaquin
						PS-2072	100mg	Fenbuconazole
						PS-1060	1g	Fenbutatin-oxide
						PS-657	100mg	Fenchlorphos
						PS-2083	250mg	Fendona®
						PS-2203	250mg	Fendona®
						PS-2202	250mg	Fenhexamid
						PS-678	500mg	Fenitrothion
						PS-1046	1g	Fenobucarb
						PS-47	250mg	Fenoprop®
						PS-1088	100mg	Fenoxaprop ethyl
						PS-2223	100mg	Fenoxaprop-P-ethyl
						PS-2174	250mg	Fenoxycarb
						PS-2002	250mg	Fenopathrin
						PS-1214	5ml	Fenpropimorph
						PS-2216	100mg	Fenpyroximate
						PS-667	100mg	Fensulfothion
						PS-655	500mg	Fenthion
						PS-2275	500mg	Fenthion-ethyl
						PS-655	500mg	Fenthion-methyl
						PS-1021	1g	Fentin acetate
						PS-1031	500mg	Fentin hydroxide
						PS-61	1g	Fenuron
						PS-364	1g	Fenuron TCA

Alphabetical Listing

### F

For new pesticides and custom mixtures contact us at +1-610-692-3026 or www.chemservice.com

## Chem Service Pesticide Standards - Alphabetical Listing

Alphabetical Listing

Catalog #	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-1032	250mg	Fenvalerate®	PS-854	250mg	Folbex®			
PS-1032	500mg	Fenvalerate®	PS-260	1g	Folcid®			
PS-2013	100mg	Fenvalerate®	PS-68	250mg	Folex®			
PS-20	1g	Ferbam	PS-68	1g	Folex®			
PS-20	1g	Ferberk®	PS-1091	100mg	Folicur®			
PS-20	1g	Fermate®	PS-95	500mg	Folidol®			
PS-901	1g	Fermine	PS-94	500mg	Folidol-M®			
PS-20	1g	Ferradow®	PS-2017	100mg	Folimat®			
PS-20	1g	Ferric dimethyldithio carbamate	PS-678	500mg	Folithion®			
PS-1200	5ml	Fervin® (100ug/ml in Acetonitrile)	PS-150	1g	Folosan®			
PS-902	1g	Feypel®	PS-26	1g	Folpet			
PS-739	250mg	Ficam®	PS-2102	500mg	Fomesafen			
PS-2167	250mg	Filex®	PS-664	100mg	Fonofos			
PS-2124	250mg	Finale®	PS-2232	100mg	Foramsulfuron			
PS-2279	100mg	Fintryne®	PS-2238	100mg	Force®			
PS-2136	100mg	Fipronil	PS-2150	500mg	Forchlorfenuron			
PS-2165	100mg	FirstRate®	PS-2095	500mg	Fore®			
PS-2037	100mg	Flamprop-isopropyl	PS-2031	1g	Formaldehyde (in water)			
PS-2038	100mg	Flamprop-methyl	PS-2031	1g	Formalin			
PS-2203	250mg	Electron®	PS-400	1g	Formetanate hydrochloride			
PS-2102	500mg	Flex®	PS-2036	100mg	Formothion			
PS-2129	1g	Flexidor®	PS-2036	100mg	S-[2-(Formylmethylamino-2-oxoethyl)-O,O-dimethylphosphorodithionate			
PS-2102	500mg	Flexstar	PS-2217	250mg	Fortress®			
PS-2196	100mg	Flint®	PS-2156	500mg	FortuneT2®			
PS-1068	100mg	Flocord®	PS-414	1g	Fosamine Ammonium			
PS-2149	10mg	Flocoumafen	PS-2181	50mg	Fosarbin			
PS-2290	POR	Flonicamid	PS-2026	100mg	Fosetyl-Aluminum			
PS-2043	100mg	Flo-Pro®	PS-610	100mg	Fosfakol			
PS-561	1g	Floraltone	PS-562	1g	Fos-Fall "A"			
PS-2194	250mg	Floramite®	PS-95	500mg	Fosferno®			
PS-2043	100mg	Floraslan®	PS-2273	30mg	Fosthiazate			
PS-1205	5ml	Fluazifop (100ug/ml in Acetonitrile)	PS-659	250mg	Fostion MM®			
PS-2240	POR	Fluazifop-butyl	PS-105	1g	Fratol			
PS-1097	100mg	Fluazifop-P-butyl	PS-2043	100mg	Freshgard®			
PS-2249	100mg	Fluazinam	PS-2161	250mg	Frontier®			
PS-2231	250mg	Flucarbazone-sodium	PS-2249	100mg	Frownicide®			
PS-1012	50mg	Fluchloralin	PS-29	1g	Fruit Fax®			
PS-1072	30mg	Flucythrinate	PS-317	1g	Fruitone® CPA			
PS-2172	100mg	Fludioxonil	PS-2143	100mg	Frunax-DS®			
PS-2205	250mg	Flufenacet	PS-2059	100mg	Fuberidazole			
PS-2213	250mg	Flufenoxuron	PS-21	1g	Fuciasine®			
PS-2168	250mg	Flumetralin	PS-2101	500mg	Fuji-One®			
PS-1211	5ml	Flumetralin (100ug/ml in Acetone)	PS-21	1g	Fuklasin®			
PS-2111	500mg	Flumetsulam	PS-1	1g	Fumazone®			
PS-2119	500mg	Flumiclorac-pentyl	PS-151	1g	Fumite®			
PS-2245	100mg	Flumioxazin	PS-1072	30mg	Funchiong juji®			
PS-2245	100mg	Flumyazin®	PS-840	1g	Fundal®			
PS-369	1g	Fluometuron	PS-2014	100mg	Fundinex®			
PS-2029	1g	Fluorakil 100®	PS-2043	100mg	Fungaflo®			
PS-2029	1g	2-Fluoroacetamide	PS-2043	100mg	Fungazil®			
PS-105	1g	Fluoroacetic acid sodium salt	PS-230	1g	Fungitox®			
PS-431	1g	Fluorodifen	PS-2241	100mg	Furacon®			
PS-2245	100mg	N-(7-Fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzoxazin-6-yl)cyclohex-1-ene-1,2-dicarboxamide	PS-341	1g	Furacrylic acid			
PS-2205	250mg	N-(4-Fluorophenyl)-N-(1-methylethyl)-2-((5-(trifluoromethyl)-1,3,4-	PS-754	1g	Furadan®			
PS-1070	100mg	Fluridone	PS-341	1g	2-Furalacetic acid			
PS-2191	100mg	Fluroxypyr-1-methylheptyl ester	PS-341	1g	2-Furanacrylic acid			
PS-2191	100mg	Fluroxypyr-meptyl	PS-2059	100mg	2-(2-Furanyl)-1H-benzimidazole			
PS-2131	100mg	Flurprimidol	PS-341	1g	B-Furylacrylic acid			
PS-2041	100mg	Flusilazole	PS-1088	100mg	Furore®			
PS-2205	250mg	Fluthiamide	PS-341	1g	Fururilidene acetic acid			
PS-2057	1g	Flutolanil	PS-2244	250mg	Fury®			
PS-2177	100mg	Flutriaol	PS-151	1g	Fusarex®			
PS-1071	100mg	(a-RS,2R)-Fluvalinate	PS-1097	100mg	Fusilade®			
PS-1071	100mg	tau-Fluvalinate	PS-2240	POR	Fusilade®			
			PS-1097	100mg	Fusilade® 2000			
			PS-1097	100mg	Fusilade® 5			
			PS-1097	100mg	Fusilade® DX			
			PS-1097	100mg	Fusilade® Super			
			PS-2029	1g	Fussoil®			

### G

PS-2142	250mg	Galben®
PS-2129	1g	Gallery®
PS-14	1g	Gallotox®
PS-2193	250mg	Galtak®
PS-71	1g	Gammexane
PS-611	1g	Gardona®
PS-413	50mg	Gardoprim®
PS-417	1g	Garlon®
PS-88	1g	Garrathion®
PS-1201	5ml	Gatnon® (100ug/ml in Methylene chloride)
PS-2086	500mg	Gaicho®
PS-1063	250mg	Gazelle®
PS-436	1g	Gebotox®
PS-1214	5ml	Gemini®
PS-79	1g	Geniphene®
PS-856	1g	Genite®
PS-856	1g	Genitol®
PS-74	1g	Genitox®
PS-2134	50mg	GenTrol®
PS-384	1g	Gesagard®
PS-385	500mg	Gesamil®
PS-383	500mg	Gesapax®
PS-380	500mg	Gesaprim®
PS-58	500mg	Gesapun
PS-2122	100mg	Gesaran®
PS-74	1g	Gesarol®
PS-395	500mg	Gesatamin
PS-58	500mg	Gesatop®
PS-71	1g	Gexane
PS-49	100mg	Gibberellic acid
PS-49	100mg	Gibberellin X
PS-840	1g	Glaecron®
PS-1065	100mg	Glean®
PS-2124	250mg	Glufosinate-ammonium
PS-2185	250mg	Glycel®
PS-2185	1g	Glycel®
PS-1052	1g	Glycophene
PS-261	1g	Glyodin
PS-261	1g	Glyoxide®
PS-412	1g	Glyoxime
PS-1051	1g	Glyphosate
PS-2185	250mg	Glyphosate isopropylamine salt
PS-2185	1g	Glyphosate isopropylamine salt
PS-2185	250mg	Glyphosate-isopropylammonium Salt
PS-2185	1g	Glyphosate-isopropylammonium Salt
PS-2164	1g	Glyphosine
PS-328	1g	Glytac®
PS-1033	1g	Goal 2EC
PS-2198	100mg	Gokilaht®
PS-2117	500mg	Goltix®
PS-2072	100mg	Govern®
PS-2000	1g	Graminon®
PS-366	1g	Gramoxone®
PS-1200	5ml	Grasip® (100ug/ml in Acetonitrile)
PS-1200	5ml	Grasipan® (100ug/ml in Acetonitrile)
PS-2135	500mg	Grasp®
PS-379	1g	GS 14260
PS-74	1g	Guesarol®
PS-673	100mg	Gusathion A®
PS-666	1g	Gusathion M®
PS-673	100mg	Guthion Ethyl
PS-666	1g	Guthion®
PS-381	50mg	Gybon®

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## Chem Service Pesticide Standards - Alphabetical Listing

Catalog#	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
<b>H</b>								
PS-2240	POR	Hache Uno Super®	PS-77-2	10mg	3b,4.5.6.6.6a-Hexachloro decahydro-2.5.7-metheno- 3H-cyclopenta(a)pentalene- 3-one	PS-2139	100mg	Hostathion
PS-2146	500mg	Halofenozide	PS-77-1	10mg	2.2a.3.3.4.7-Hexachloro decahydro -1.2.4-metheno- cyclopenta(c,d)pentalene-5- carboxaldehyde	PS-1213	5ml	Hostathion®
PS-2240	POR	Halokon®				PS-2225	250mg	Hostavik®
PS-2108	100mg	Halosulfuron-methyl	PS-77	250mg	1.2.3.4.10.10-Hexachloro- 6.7-epoxy-1.4.4a.5.6.7.8.8a- octahydro-1.4-endo-endo- 5.8-dimethanonaphthalene	PS-1036	1g	Hoxan®
PS-2040	100mg	Harness Plus®				PS-2191	100mg	Hurler®
PS-2052	1g	Harvade®	PS-171	1g	Hexachlorodimethyl sulfone	PS-501	250mg	Hydram
PS-2124	250mg	Harvest®				PS-1001	100mg	Hydramethylnon
PS-272	1g	HCA	PS-13	1g	1.4.5.6.7.7-Hexachloro-N- (ethylmercuri)-5-norbornene- 2.3-dicarboximide	PS-2200	250mg	Hydrocyclin®
PS-690	1g	HCB®	PS-69	100mg	1.2.3.4.10.10-Hexachloro- 1.4.4a.5.8.8a-hexahydro- endo-exo-1.4:5.8- dimethanonaphthalene	PS-2134	50mg	Hydroprene
PS-2222	1ml	HCH (epsilon isomer)				PS-420	1g	2-Hydroxybiphenyl
PS-71	1g	HCH®	PS-69	100mg	1.2.3.4.10.10-Hexachloro- 1.4.4a.5.8.8a-hexahydro- endo-exo-5.8- dimethanonaphthalene	PS-87	250mg	3-Hydroxy-crotonic acid methyl ester dimethyl phosphate
PS-692	100mg	alpha-HCH				PS-397	250mg	4-Hydroxy-3,5-diiodophenyl cyanide
PS-691	100mg	beta-HCH	PS-81	500mg	6.7.8.9.10.10-Hexachloro- 1,5.5a.6.9.9a-hexahydro- 6,9-methano-2,4,3-benzo- dioxathiepin-3-oxide	PS-397	250mg	4-Hydroxy-3,5-diiodophenyl cyanide
PS-693	100mg	delta-HCH				PS-51	500mg	Hydroxydimethyl-arsine oxide
PS-71	1g	gamma-HCH	PS-81-3	50mg	6.7.8.9.10.10-Hexachloro- 1.5.5a.6.9.9a-hexahydro- 6,9-methano-2.4.3- benzodioxathiepin-3.3- dioxide	PS-952	1g	2-Hydroxyethyl-n-octyl sulphide
PS-324	250mg	Hedonal MCPP®				PS-2186	25mg	Hydroxyisoxazole
PS-2248	25mg	Helix®	PS-81-1	100mg	6.7.8.9.10.10-Hexachloro- 1.5.5a.6.9.9a-hexahydro- 6,9-methano-2.4.3- benzodioxathiepin-3-oxide, alpha isomer	PS-2186	25mg	3-Hydroxy-5-methyl isoxazole
PS-1018	100mg	Helothion®				PS-65	1g	6-Hydroxy-3-[2H]- pyridazinone
PS-76	250mg	HEOD	PS-81-2	100mg	6.7.8.9.10.10-Hexachloro- 1.5.5a.6.9.9a-hexahydro- 6,9-methano-2.4.3- benzodioxathiepin-3-oxide, beta isomer	MET-668B	1ml	2-Hydroxypyrazine
PS-78	100mg	Heptachlor				PS-18	1g	8-Hydroxyquinoline
PS-700	50mg	Heptachlor epoxide (Isomer B)	PS-2200	250mg	3-(Hexahydro-4,7- methanoindan-5-yl)- 1,1- dimethylurea	PS-2200	250mg	5-Hydroxytetracycline hydrochloride®
PS-700-1	50mg	trans-Heptachlor epoxide				PS-2093	250mg	4-Hydroxy-3-(1,2,3,4- tetrahydro-1-naphthalenyl)- 2H-1-benzopyran-2-one
PS-700-1	50mg	trans-Heptachlor epoxide (Isomer A)	PS-2149	10mg	4-Hydroxy-3-[1,2,3,4- tetrahydro-3-[4-(4- trifluoromethyl)benzyl- oxy]phenyl]-1-naphthyl] coumarin	PS-2186	25mg	Hymexazole
PS-2023	100mg	Heptachloro-2,2-dimethyl-3- methylenebornane				PS-6	1g	Hyosan®
PS-700-1	50mg	1,4,5,6,7,8,8-Heptachloro- 2,3-epoxy-3a,4,7,7a- tetrahydro-4,7- methanoindan	PS-81	500mg	1.4.5.6.7.7-Hexachloro-5- norbornene-2.3-dimethanol cyclic sulfite	PS-62	1g	Hyvar®
PS-700	50mg	1.4.5.6.7.8.8-Heptachloro- 2.3-epoxy-3a.4.7.7a- tetrahydro-4.7-methanoindan				PS-2220	100mg	Hyvermectin®
PS-78	100mg	1.4.5.6.7.8.8-Heptachloro- 3a.4.7.7a-tetrahydro-4.7- methanoindene	PS-2288	POR	3-(Hexahydro-4,7- methanoindan-5-yl)- 1,1- dimethylurea	PS-2186	25mg	Hyzole
PS-261	1g	2-Heptadecyl-2-imidazoline acetate				PS-57	1g	Ibextox®
PS-2225	250mg	Heptenofos	PS-81	500mg	1.4.5.6.7.7-Hexachloro-5- norbornene-2.3-dimethanol cyclic sulfite	PS-2065	500mg	IBP
PS-2225	250mg	Heptenophos				PS-2018	100mg	Icon®
PS-2151	500mg	Herban®	PS-1035	1g	Hexachlorophene	PS-379	1g	Igran®
PS-2288	POR	Herban®				PS-1036	1g	Iloxan®
PS-66	1g	Herbisan 5®	PS-76	250mg	1.2.3.4.10.10-Hexachloro- 6.7-epoxy-1.4.4a.5.6.7.8.8a- octahydro-endo-exo-1.4:5.8- dimethanonaphthalene	PS-2197	250mg	Imaxapic
PS-66	1g	Herbisan®				PS-2043	100mg	Imazail
PS-2141	250mg	Heritage®	PS-2157	500mg	Hexaconazole	PS-2043-1	100mg	Imazail hydrogensulfate
PS-89	1g	Herkol®				PS-2197	250mg	Imazameth
PS-320	1g	Heteroauxin	PS-2092	500mg	Hexadecyl cyclopropane carboxylate	PS-2195	100mg	Imazamethabenz-methyl
PS-601	500mg	HETP				PS-2162	500mg	Imazamox
PS-272	1g	Hexachloroacetone	PS-2074	250mg	Hexaflumuron	PS-2016	100mg	Imazapy®
PS-690	1g	Hexachlorobenzene				PS-2053	100mg	Imazaquin
PS-692	100mg	alpha-Hexachloro cyclohexane	PS-1060	1g	Hexakis-(2-methyl-2- phenylpropyl)-distannoxane	PS-2039	100mg	Imazethapyr
PS-691	100mg	beta-Hexachloro cyclohexane	PS-416	1g	Hexazinone	PS-2086	500mg	Imidacloprid
PS-693	100mg	delta-Hexachloro cyclohexane				PS-653	1g	Imidan®
PS-71	1g	gamma-Hexachloro cyclohexane	PS-1035	1g	Hexide®	PS-2180	1g	2-Imidazolidinethione
PS-692	100mg	1.2.3.4.5.6-Hexachloro cyclohexane [a-isomer]	PS-1079	100mg	Hexythiazox	PS-2177	100mg	Impact®
PS-691	100mg	1.2.3.4.5.6-Hexachloro cyclohexane [b-isomer]	PS-71	1g	HGI®	PS-1068	100mg	Imperator
PS-693	100mg	1.2.3.4.5.6-Hexachloro cyclohexane [d-isomer]	PS-2203	250mg	Hilcyperin®	PS-907	1g	Indalone®
PS-71	1g	1.2.3.4.5.6-Hexachloro cyclohexane [g-isomer]	PS-2140	500mg	Hinochloa®	PS-2072	100mg	Indar®
PS-70	1g	1.2.3.4.5.6-Hexachloro cyclohexane	PS-2066	500mg	Hinosan®	PS-320	1g	3-Indoleacetic acid
PS-2222	1ml	1,2,3,4,5,6-Hexachloro cyclohexane (epsilon isomer)	PS-1036	1g	Hoe-Grass®	PS-48	100mg	3-Indolebutyric acid
			PS-1036	1g	Hoelon®	PS-321	1g	3-Indolepropionic acid
			PS-1046	1g	Hopcin®	PS-2230	100mg	Indoxacarb
			PS-2184	250mg	Hope®	PS-53	1g	INPC®
			PS-401	1g	Horbadox®	PS-2174	250mg	Insegar®
			PS-48	100mg	Hormodin	PS-2233	50mg	Intrathion®
			PS-2225	250mg	Hostaquick®	PS-2178	250mg	Investt®

Alphabetical Listing

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## Chem Service Pesticide Standards - Alphabetical Listing

Alphabetical Listing

Catalog #	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-1206	5ml	Iodofenphos (100ug/ml in Acetone)	PS-2101	500mg	Isoprothiolane	PS-357	1g	Lasso®
PS-397	250mg	loxynil	PS-2000	1g	Isoproturon	PS-250	1g	Laurylguanidine acetate
PS-2250	100mg	loxynil octanoate	PS-71	1g	Isotox®	PS-2173	100mg	Lazo®
PS-53	1g	IPC®	PS-911	250mg	2-Isovaleryl-1,3-indanedione	PS-357	1g	Lazo®
PS-2065	500mg	Iprobenfos	PS-2129	1g	Isoxaben	PS-290	1g	Lead arsenate
PS-1052	1g	Iprodione	PS-2166	500mg	Isoxaflutole	PS-655	500mg	Lebaycid®
PS-2279	100mg	Irgarol®	PS-2186	25mg	Itachigarden®	PS-2249	100mg	Legacy®
PS-681	1g	Isazophos	PS-2220	100mg	Ivermectin	PS-1092	100mg	Lektan®
PS-704	10mg	Isobenzan	PS-2220	100mg	Ivomec®	PS-415	1g	Lenacil
PS-731	1g	Isobornyl thiocynoacetate	<b>J</b>			PS-66	1g	Leniscarin
PS-324	250mg	Iso-Cornox®	PS-2125	1g	Jarben®	PS-2081	500mg	Lentagran®
PS-27	100mg	Isocothane®	PS-1206	5ml	Jodfenphos® (100ug/ml in Acetone)	PS-2078	250mg	Lentipur®
PS-2103	1g	Isodrin	PS-1009	1g	Jonnix®	PS-677	1g	Lepton®
PS-1003	100mg	Isofenphos	PS-71	1g	Jucutin®	PS-677	1g	Leptophos
PS-319	1g	Isooctyl-2,4-dichloro phenoxy acetate	PS-690	1g	Julin's carbon chloride	PS-855	1g	Lethalaire®
PS-53	1g	Iso-PPC®	PS-2110	100mg	Juvinal®	PS-730	250mg	Lethane 384®
PS-2070	500mg	Isoprocarb	<b>K</b>			PS-730	250mg	Lethane®
PS-406	1g	Isopropalin	PS-1068	100mg	Kafil Super	PS-398	1g	Lexone®
PS-1076	100mg	(E)-O,2-Isopropoxy-carbonyl-1-methylvinyl O-methyl-ethyl phosphoramidothioate	PS-2173	100mg	Kalcorn®	PS-2124	250mg	Liberty®
PS-2227	100mg	3'-Isopropoxy-2-methylbenzaniilide	PS-2025	100mg	Kap®	PS-2030	1g	Limatox®
PS-551	1g	2-Isopropoxyphenyl-N-methylcarbamate	PS-2018	100mg	Karate®	PS-71	1g	Lindane
PS-551	1g	O-Isopropoxyphenyl methyl carbamate	PS-27	100mg	Karathane®	PS-71	1g	Lintox®
PS-2179	1g	Isopropylbenzene	PS-20	1g	Karbam black®	PS-372	250mg	Linuron
PS-52	1g	Isopropyl-N-[m-chlorophenyl]carbamate	PS-21	1g	Karbam white®	PS-57	1g	Lipan®
PS-1052	1g	1-Isopropylcarbamoyl-3-(3,5-dichlorophenyl)-hydantoin	PS-60	500mg	Karmex®	PS-2085	500mg	Liphadione®
PS-355	1g	N-Isopropyl-a-chloro acetaniilide	PS-82	250mg	Kelthane®	PS-2200	250mg	Liquamycin injectable®
PS-52	1g	Isopropyl-m-chlorocarbanilate	PS-388	250mg	Kemate®	PS-14	1g	Liquiphene®
PS-1062	250mg	Isopropyl-4,4'-dibromobenzilate	PS-1014	250mg	Kemifam®	PS-42	1g	Lironox®
PS-43	1g	Isopropyl-2,4-dichlorophenoxy acetate	PS-1045	1g	Kemiron®	PS-2174	250mg	Logic®
PS-857	1g	Isopropyl-4,4'-dichlorobenzilate	PS-2216	100mg	Kendo®	PS-2042	100mg	Logran®
PS-2153	250mg	Isopropyl-3,4-diethoxycarbanilate	PS-701	50mg	Kepono®	PS-23	1g	Lonacol®
PS-2190	250mg	2,3:4,6-di-O-Isopropylidene-a-L-xilo-2-hexulofuranosonic acid	PS-349	1g	Kerb®	PS-1082	100mg	Londax®
PS-2194	250mg	Isopropyl 2-(4-methoxy biphenyl-3-yl)hydrazino formate	PS-71	1g	Kewil®	PS-1069	250mg	Lontrel®
PS-2122	100mg	N2-Isopropyl-N4-(3-methoxypropyl)-6-methylthio-1,3,5-triazine-2,4-diamine	PS-601	500mg	Killaz	PS-71	1g	Lorexane®
PS-1040	250mg	Isopropyl (2E-4E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate	PS-324	250mg	Kilprop®	PS-372	250mg	Lorox®
PS-2162	500mg	(RS)-2-(4-Isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-5-methoxy-methylnicotinic acid	PS-2187	100mg	Kilval®	PS-2252	100mg	Lufenuron
PS-2016	100mg	2-(4-Isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-nicotinic acid	PS-2126	250mg	Kimono®	PS-2233	50mg	Luxistelm®
PS-2027	100mg	3-Isopropyl-5-methyl phenyl methyl carbamate	PS-2010	250mg	Kinalux®	PS-1091	100mg	Lynx®
PS-2000	1g	3-(4-Isopropylphenyl)-1,1-dimethylurea	PS-2051	100mg	Kinoprene	PS-2173	100mg	Lytan®
PS-46	100mg	Isopropyl-(2,4,5-trichlorophenoxy) acetate	PS-2216	100mg	Kiron®	PS-281	500mg	MAA®
PS-53	1g	Isopropyl-N-phenyl carbamate	PS-2065	500mg	Kitazin®	PS-2146	500mg	Mach 2
			PS-1071	100mg	Klartan®	PS-348	250mg	Machete®
			PS-1056	50mg	Klerat®	PS-2278	250mg	Madribon®
			PS-377	1g	Kloben®	PS-89	1g	Mafu®
			PS-2110	100mg	Knack®	PS-1022	100mg	Maintain A®
			PS-1033	1g	Koltar®	PS-1022	100mg	Maintain CF 125®
			PS-2238	1ml	Komet®	PS-1038	100mg	Makl®
			PS-2203	250mg	Kordon®	PS-86	500mg	Malaspray®
			PS-657	100mg	Korlan®	PS-86	500mg	Malathion
			PS-2071	100mg	K-Othrin®	PS-86	500mg	Malathiozol®
			PS-414	1g	Krenite®	PS-86	500mg	Malathion®
			PS-2182	250mg	Kresoxim-methyl	PS-65	1g	Malazide
			PS-47	250mg	Kuron®	PS-65	1g	Maleic hydrazide
			PS-1200	5ml	Kusagard® (100ug/ml in Acetonitrile)	PS-81	500mg	Malix®
			PS-104	1g	Kypfarin®	PS-368	1g	Maloran®
			<b>L</b>			PS-2108	100mg	Manage®
			PS-230	1g	Labilite®	PS-2095	500mg	Mancozeb
			PS-2077	100mg	Lactofen	PS-22	1g	Maneb
			PS-216	1g	(Lactoxyloxy)phenylmercury	PS-22	1g	Manganese ethylene bis(dithiocarbamate)
			PS-2018	100mg	lambda-Cyhalothrin	PS-1207	250mg	Mansonil® (100ug/ml in Methanol)
			PS-775	1g	Lannate®	PS-2095	500mg	Manzate®
			PS-2110	100mg	Lano®	PS-2133	500mg	Marathon®
			PS-2127	100mg	Laptran®	PS-2126	250mg	Marcidone®
			PS-1208	5ml	Laptran® (100ug/ml in Hexane)	PS-83	1g	Marlate®
			PS-4	1g	Larvacide®	PS-1063	250mg	Marshal®
			PS-2012	250mg	Larvin®	PS-2176	100mg	Mascot®
						PS-751	250mg	Matacil®
						PS-2018	100mg	Matador®
						PS-2151	500mg	Matador®

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Alphabetical Listing

Catalog#	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-2038	100mg	Mataven®	PS-14	1g	Metasol 30®	PS-2165	100mg	Methyl 3-chloro-2-(5-ethoxy-7-fluoro[1,2,4]triazolo[1,5-c]-pyrimidin-2-ylsulfonamido)benzoate
PS-2134	50mg	Mator®	PS-2030	1g	Metason®	PS-1022	100mg	Methyl 2-chloro-9-hydroxyfluorene-9-carboxylate
PS-2143	100mg	Matrak®	PS-1096	50mg	Metasystox®	PS-307	100mg	4-(2-Methyl-4-chlorophenoxy)butyric acid
PS-2118	100mg	Matrix®	PS-642	100mg	Metasystox R sulfone	PS-2235	100mg	Methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxy]methyl}phenyl}(N-methoxy)carbamate
PS-2224	500mg	Maverick®	PS-641	50mg	Metasystox-R®	PS-2230	100mg	Methyl (S)-N-[7-chloro-2,3,4a,5-tetrahydro-4a-(methoxycarbonyl)indeno[1,2-e]-3,4]oxadiazin-2-ylcarbonyl]-4-(trifluoromethoxy)carbanilate
PS-1071	100mg	Mavrik Aquaflo®	PS-2216	100mg	Meteor®	PS-2141	250mg	Methyl (E)-2-2-6-(2-Cyanophenoxy)pyrimidin-4-yloxy-phenyl-3-methoxyacrylate
PS-1071	100mg	Mavrik®	PS-2048	100mg	Methabenzthiazuron	PS-373	1g	1-(2-Methylcyclohexyl)-3-phenylurea
PS-2172	100mg	Maxim®	PS-2218	100mg	Methacrifos	PS-87-1	100mg	(E)-Methyl ester-3-((dimethoxyphosphinyl)oxy)-2-Butenoic acid
PS-40	1g	MCP	PS-221	500mg	Metham sodium	PS-1103	100mg	Methyl-2-(2,4-dichlorophenoxy)propionate
PS-1105	100mg	MCPA methyl ester	PS-676	100mg	Methamidophos	PS-1114	100mg	Methyl-3,5-dichlorobenzoate
PS-40	1g	MCPA®	PS-281	500mg	Methaneearsonic acid disodium salt	PS-1101	100mg	Methyl-4-(2,4-dichlorophenoxy) butyrate
PS-307	100mg	MCPB	PS-281	500mg	Methar	PS-311	1g	Methyl-5-(2,4-dichlorophenoxy)-2-nitrobenzoate
PS-1084	500mg	MCPB methyl ester	PS-21	1g	Methasan®	PS-1036	1g	Methyl-2-[4-(2',4'-dichlorophenoxy)phenoxy]propanoate
PS-1106	100mg	MCPP methyl ester	PS-679	1g	Methidathion	PS-1098	50mg	Methyl-N-(3,4-dichlorophenyl)carbamate
PS-324	250mg	MCPP®	PS-543	1g	Methiocarb	PS-1100	100mg	Methyl-2,2-dichloro propionate
PS-2116	500mg	MCPP-P	PS-775	1g	Methomyl	PS-2163	500mg	Methyl 2-difluoromethyl-5-(4,5-dihydro-1,3-thiazol-2-yl)-4-isobutyl-6-trifluoromethylnicotinate
PS-22	1g	MEB	PS-1040	250mg	Methoprene®	PS-2195	100mg	Methyl-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-4(or 5)-methyl ester benzoic acid
PS-2283	50mg	Mecarbam	PS-2122	100mg	Methoprotryne	PS-2108	100mg	Methyl 5-(((4,6-dimethoxy-2-pyrimidinyl)amino)carbonylamino)sulfonyl)-3-chloro-1-methyl-1H-pyrazole-4-carboxylate
PS-324	250mg	Mecoprop	PS-395	500mg	2-Methoxyatrazine	PS-737	250mg	S-methyl-N',N'-dimethyl-N-(methylcarbamoyloxy)-1-thio-oxamidate
PS-1106	100mg	Mecoprop methyl ester	PS-1077	100mg	2-(Methoxycarbonylamino)-benzimidazole	PS-1074	100mg	Methyl 2((((4,6-dimethyl-2-pyrimidinyl)amino)carbonyl)amino)sulfonyl)benzoate
PS-1212	5ml	Mecoprop-2,4,4-trimethylpentyl ester (100ug/ml in Acetone)	PS-1014	250mg	3-methoxycarbonyl aminophenyl 3-methylcarbanilate	PS-2187	100mg	N-Methyl O,O-dimethyl thiophosphoryl-5-thia-3-methyl-2-valeramide
PS-2116	500mg	Mecoprop-P	PS-83	1g	Methoxychlor	PS-860	250mg	6-Methyl-1,3-dithio[4,5-b]quinoxalin-2-one
PS-2116	500mg	D(+)-Mecoprop	PS-83	1g	Methoxy-DDT®	PS-860	250mg	6-Methyl-1,3-dithio[4,5-b]quinoxalin-2-one
PS-2220	100mg	Mectizan®	PS-346	1g	2-Methoxy-3,6-dichlorobenzoic acid	PS-418	250mg	Methyl Dursban
PS-2172	100mg	Medallion®	PS-1102	100mg	2-Methoxy-3,6-dichloromethyl benzoate	PS-6	1g	2,2'-Methylene bis(4-chlorophenol)
PS-346	1g	Mediben®	PS-2264	100mg	Methoxyfenozide	PS-92	1g	S,S'-Methylene bis[O,O-diethyl phosphorodithioate]
PS-1014	250mg	Medifene®	PS-386	250mg	2-Methoxy-4,6-bis(isopropylamino)-s-triazine			
PS-2140	500mg	Mefenacet	PS-2264	100mg	3-Methoxy-2-methylbenzoic acid 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)hydrazide			
PS-2160	100mg	Mefenoxam	PS-2123	500mg	1-(4-Methoxy-6-methyl-1,3,5-triazin-2-yl)-3-[2-(3,3,3-trifluoropropyl)phenylsulfonyl]urea			
PS-2287	POR	Mefenpyr-diethyl	PS-2137	100mg	2-Methoxy-N-(2-oxo-1,3-oxazolidin-3-yl)aceto-2',6'-xylylide			
PS-2050	100mg	Mefluidide	PS-1200	5ml	Methyl (E)-(RS)-3-[1-(allyloxyimino)butyl]-4-hydroxy-6,6-dimethyl-2-oxocyclohex-3-enecarboxylate sodium salt (100ug/ml in Acetonitrile)			
PS-250	1g	Melprex®	PS-1113	100mg	Methyl-3-amino-2,5-dichlorobenzoate			
PS-1086	100mg	Meltatox®	PS-2055	100mg	Methyl anthranilate			
PS-2200	250mg	Mepatar®	PS-2038	100mg	Methyl N-benzoyl-N-(3-chloro-4-fluorophenyl)-DL-ananinate			
PS-40	1g	Mephanance®	PS-603	50mg	a-Methylbenzyl-3-hydroxycrotonate dimethylphosphate			
PS-1026	100mg	Mephosfolan	PS-603	50mg	1-Methylbenzyl-3-[dimethoxy phosphinyloxy] cis-crotonate			
PS-1047	10mg	Mepiquat chloride	PS-2003	100mg	2-Methylbiphenyl-3yl-methyl (Z)-(1RS)-cis-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropane carboxylate			
PS-324	250mg	Mepro®	PS-155	5ml	Methylbromide			
PS-2227	100mg	Mepronil	PS-222	100mg	Methyl-1-[butylcarbamoyl]-2-benzimidazole carbamate			
PS-224	1g	Mercaptan methylique perchlore						
PS-227	1g	2-Mercaptobenzothiazole monoethanolamine salt						
PS-543	1g	Mercaptodimethur						
PS-653	1g	N-[Mercaptomethyl]phthalimide-S-[O,O-dimethyl phosphoro dithioate]						
PS-655	500mg	Mercaptophos®						
PS-24	1g	Mercuram®						
PS-203	100mg	Merfen®						
PS-2086	500mg	Merit®						
PS-202	100mg	Merphenyl nitrate						
PS-68	250mg	Merphos						
PS-68	1g	Merphos						
PS-1057	1g	Mertect®						
PS-429	1g	Mesamate®						
PS-2286	POR	Mesosulfuron-methyl						
PS-2274	100mg	Mesotrione						
PS-543	1g	Mesurol®						
PS-2274	100mg	2-(4-Mesy-2-nitrobenzoyl)cyclohexane-1,3-dione						
PS-2030	1g	Metacetaldehyde						
PS-94	500mg	Metacide®						
PS-2096	500mg	Metacrate®						
PS-902	1g	Meta-delphene®						
PS-1099	100mg	Metalaxyl						
PS-2160	100mg	Metalaxyl-M						
PS-2160	100mg	R-Metalaxyl						
PS-2030	1g	Metaldehyde						
PS-221	500mg	Metam®						
PS-2117	500mg	Metamitron						

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## Chem Service Pesticide Standards - Alphabetical Listing

Alphabetical Listing

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PS-1035	1g	2,2'-Methylene bis(3,4,6-trichlorophenol)	PS-1055	10mg	2-Methyl-2-(methylsulfonyl)propanal-O-[(methylamino) carbonyl]oxime	PS-87	250mg	Mevinphos
PS-1082	100mg	Methyl 2-[[[[[4,6-dimethoxy-2-pyrimidinyl) amino] carbonyl]amino] sulfonyl]methyl]benzoate	PS-1054	10mg	2-Methyl-2-(methylsulfoxo)propanal-O-[(methylamino) carbonyl]oxime	PS-756	500mg	Mexacarbate
PS-976	100mg	1,2-Methylenedioxy-4-[2-(octylsulfinyl)propyl]benzene	PS-2292	100mg	S-5-Methyl-2-methylthio-5-phenyl-3-phenylamino-3,5-dihydro-4H-imidazol-4-one	PS-962	250mg	MGK 264®
PS-100	100mg	3,4-Methylene-dioxy-6-propylbenzyl n-butyl diethylene glycol ether	PS-734	1g	2-Methyl-2-[methylthio]propionaldehyde-O-[methylcarbamoyl]oxime	PS-906	1g	MGK 326®
PS-2062	250mg	[[[(1-Methyl-1,2-ethanediy)bis [carbamodithioato]](2-)]zinc homopolymer	PS-676-1	100mg	N-Methyl-monitor®	PS-910	1g	MGK R-11®
PS-2183	100mg	Methyl 2-[(4-ethoxy-6-methylamino-1,3,5-triazin-2-yl)carbamoylsulfamoyl]benzoate	PS-30	1g	Methyl-1-naphthalene acetate	PS-906	1g	MGK Repellent 326®
PS-2179	1g	(1-Methylethyl)benzene	PS-352	1g	N-Methyl-N-1-naphthyl acetamide	PS-952	1g	MGK Repellent 874®
PS-1011	250mg	3-(1-Methylethyl)-1H-2,1,3-benzothiadiazin-4(3H)-one-2,2-dioxide	PS-2186	25mg	5-methyl-1,2-oxazol-3-ol	PS-65	1g	MH
PS-2153	250mg	1-Methylethyl (3,4-diethoxyphenyl) carbamate/Isopropyl 3,4-diethoxyphenyl carbamate	PS-2109	10mg	(S)-2-Methyl-4-oxo-3-(2-propynyl)-cyclopenten-1-yl (1R)-cis-trans-chrysanthemate	PS-2026	100mg	Mikal®
PS-1003	100mg	1-Methylethyl-2-[[ethoxy[(1-methylethyl)amino]phophinothioyl]-oxy]benzoate	PS-613	100mg	Methyl paraoxon	PS-21	1g	Milbam®
PS-2194	250mg	1-Methylethyl 2-(4-methoxy[1,1'-biphenyl]-3-yl)hydrazinecarboxylate	PS-94	500mg	Methyl parathion	PS-1086	100mg	Milban®
PS-2070	500mg	2-(1-Methylethyl)phenyl methylcarbamate	PS-2110	100mg	2-[1-Methyl-2-(4-phenoxyphenoxy) ethoxy]pyridine	PS-27	100mg	Mildex®
PS-2131	100mg	a-(1-Methylethyl)-a-[4-trifluoromethoxy]phenyl]-5-pyrimidinemethanol	PS-2142	250mg	Methyl N-phenylacetyl-N-2,6-xylyl-DL-alaninate	PS-230	1g	Mildothane
PS-2186	25mg	5-methyl-3(2H)-isoxazolone	PS-1070	100mg	1-Methyl-3-phenyl-5-(3-trifluoromethyl)phenyl)-4(1H)-pyridinone	PS-385	500mg	Milgard®
PS-1014	250mg	Methyl-m-hydroxy carbanilate m-methylcarbanilate	PS-676-1	100mg	Methylphosphoramidothioic acid, O,S-dimethyl ester	PS-2188	100mg	Mimic®
PS-676-1	100mg	N-Methyl-methamidophos	PS-50	1g	3'-Methylphthalanilic acid	PS-610	100mg	Mintacol
PS-2160	100mg	Methyl N-(methoxyacetyl)-N-(2,6-xylyl)-D-alaninate	PS-901	1g	Methyl phthalate	PS-610	100mg	Miotisal A
PS-2182	250mg	Methyl(E)-2-methoxyimino-[2-(o-tolyloxymethyl)phenyl]acetate	PS-409	1g	3-(2-Methylpiperidino)propyl-3,4-dichlorobenzoate	PS-901	1g	Mipax®
PS-2011	100mg	Methyl 3-[[[[[4-methoxy-6-methyl-1,3,5-triazin-2-yl) amino]carbonyl]amino] sulfonyl]-2-thiophenecarboxylate	PS-85	1g	1-Methyl-2-[3-pyridyl]pyrrolidine	PS-2070	500mg	MIPC
PS-2011	100mg	Methyl 3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl-carbamoyl)sulfamoyl)-thiophen-2-carboxylate	PS-860	250mg	6-Methyl-2,3-quinoxalinedithiol cyclic-S,S-dithiocarbonate	PS-681	1g	Miral®
1078	100mg	Methyl 2[[[[[4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino] sulfonyl]benzoate	PS-860	250mg	S,S-(6-Methylquinoxaline-2,3-diyl) dithiocarbonate	PS-702	100mg	Mirex
PS-2099	250mg	Methyl 2-[[[[[4-methoxy-6-methyl-1,3,5-triazin-2-yl) methylamino]carbonyl] amino]sulfonyl]benzoate	PS-1009	1g	Methyl sulfanilylcarbamate	PS-2216	100mg	Miro®
PS-775	1g	S-Methyl-N-[(methylcarbamoyl)oxy]thioacetimidate	PS-358	1g	4-[Methylsulfonyl]-2,6-dinitro-N,N-di-propylaniline	PS-1005	500mg	Mitac®
PS-1014	250mg	Methyl 3-(3-methylcarbaniloyloxy)carbanilate	PS-676-1	100mg	N-Methyl-Tamaron®	PS-853	100mg	Mitox®
PS-2227	100mg	2-Methyl-N-(3-(1-methyl ethoxy)phenyl)benzamide	PS-543	1g	4-[Methylthio]-3,5-xylyl-N-methylcarbamate	PS-855	1g	Mitran®
			PS-676-1	100mg	N-Methyl-thio phosphoramidic acid, O,S-dimethyl ester	PS-403-1	250mg	Mix of [(aRS,1S)-2-Chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)aceto-toluidide and (aRS,1R)-2-Chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)ac
			PS-1083	100mg	5-Methyl-1,2,4-triazolo-[3,4,b]-benzothiazole	PS-103	1g	Mobilawn®
			PS-366	1g	Methyl viologen	PS-672	1g	Mocap®
			PS-1005	500mg	N-Methyl-N'-2,4-xylyl-N-(2,4-xylylformimidoyl)formamidine	PS-311	1g	Modown®
			PS-225	1g	Metiram	PS-501	250mg	Molinat®
			PS-374	1g	Metobromuron	PS-1095	100mg	Monceren®
			PS-403-1	250mg	Metolachlor	PS-2057	1g	Moncut®
			PS-2096	500mg	S-Metolachlor	PS-2064	1g	Mondaris®
			PS-2178	250mg	Metolcarb	PS-2224	500mg	Monitor®
			PS-398	1g	Metoxuron	PS-676	100mg	Monitor®
			PS-608	1g	Metrabuzin	PS-155	5ml	Monobromomethane®
			PS-94	500mg	Metrifonate	PS-31	1g	Monochloroacetic acid
			PS-1078	100mg	Metron®	PS-609	1g	Monocrotophos
			PS-87-1	100mg	Metsulfuron methyl	PS-2185	250mg	Mono-isopropylammoniova sul
			PS-87-1	100mg	alpha-Mevinphos	PS-2185	1g	Mono-isopropylammoniova sul
			PS-87-1	100mg	cis-Mevidrin®	PS-2210	250mg	Monolinuron
			PS-87-1	100mg	cis-Mevinphos	PS-429	1g	Monosodium acid methane arsonate, sesquihydrate
			PS-87-1	100mg	(E)-Mevinphos	PS-2181	50mg	Monothiono TEPP
						PS-607	50mg	Montrel
						PS-59	1g	Monuron
						PS-371	1g	Monuron TCA
						PS-860	250mg	Morestan R®
						PS-2087	100mg	Morocide®
						PS-601	500mg	Mortopal®
						PS-2219	100mg	Mospilan®
						PS-2151	500mg	Mostar®
						PS-94	500mg	MPT®
						PS-1096	50mg	MSI®
						PS-429	1g	MSMA sesquihydrate
						PS-2096	500mg	MTMC
						PS-902	1g	m-Toluic Acid diethylamide
						PS-2096	500mg	m-Tolylic methylcarbamate
						PS-2181	50mg	MTST
						PS-2283	50mg	Murfotox®
						PS-656	100mg	Muscatox®
						PS-2244	250mg	Mustang®
						PS-2183	100mg	Muster®
						PS-2006	100mg	Myclobutanil
						PS-17	1g	Mylone®

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Alphabetical Listing

Catalog#	Size	Description
<b>N</b>		
PS-354	500mg	N-1-Naphthylacetamide
PS-343	1g	N-1-Naphthylphthalamic acid
PS-29	1g	NAA®
PS-1035	1g	Nabac®
PS-220	1g	Nabam
PS-2013	100mg	Nabu®
PS-2216	100mg	Naja®
PS-605	1g	Naled
PS-668	100mg	Namafos®
PS-281	500mg	Namate®
PS-2030	1g	Namekil®
PS-657	100mg	Nankor®
PS-35	1g	2-Naphthoxyacetic acid
PS-553	1g	2-(a-Naphthoxy)-N-N-diethyl propionamide
PS-28	1g	1-Naphthalene acetamide
PS-29	1g	1-Naphthaleneacetic acid
PS-30	1g	1-Naphthaleneacetic acid methyl ester
PS-1048	500mg	1,8-Naphthalic anhydride
PS-106	1g	a-Naphthylthiocarbamide
PS-106	1g	a-Naphthylthiourea
PS-2028	1g	Naphthenic acid copper salt
PS-84	1g	1-Naphthyl-N-methylcarbamate
PS-553	1g	Napropamide®
PS-343	1g	Naptalam
PS-658	100mg	Navadel®
PS-2029	1g	Navron®
PS-377	1g	Neburon
PS-608	1g	Neguvon®
PS-103	1g	Nemacide VC-13®
PS-612	1g	Nemacur®
PS-1	1g	Nemafume®
PS-1	1g	Nemagon®
PS-2273	30mg	Nemathorin®
PS-4	1g	Nemax®
PS-2110	100mg	Nemesis®
PS-74	1g	Neocid®
PS-90	1g	Neocidol
PS-2201	250mg	Neomycin sulfate salt
PS-1042	100mg	Neo-Pynamin®
PS-1062	250mg	Neoron®
PS-2143	100mg	Neosorex®
PS-2278	250mg	Neostrepal®
PS-89	1g	Nerkol®
PS-2114	1g	Neviro®
PS-2008	100mg	Nexagan®
PS-2125	1g	Nexter®
PS-850	5ml	Niagramite® (0.1mg/ml in Hexane)
PS-92	1g	Nialate®
PS-394	100mg	Niclofen®
PS-1207	250mg	Niclosamide (100ug/ml in Methanol)
PS-2260	100mg	Nicobifen
PS-2005	100mg	Nicosulfuron
PS-85	1g	Nicotine
PS-601	500mg	Nifos T®
PS-665	100mg	Nimitex®
PS-394	100mg	NIP®
PS-95	500mg	Niran®
PS-1079	100mg	Nissorun
PS-2185	250mg	Nitosorg®
PS-2185	1g	Nitosorg®
PS-358	1g	Nitralin
PS-94	500mg	Nitran
PS-419	1g	Nitrapyrin
PS-4	1g	Nitrochloroform®
PS-394	100mg	Nitrofen
PS-94	500mg	Nitrox 80®

Catalog #	Size	Description
PS-2268	250mg	asym-Nitro-m-dichlorobenzene
PS-431	1g	p-Nitrophenyl-2-nitro-4-[trifluoromethyl]phenyl ether diazosulfonic acid, sodium salt
MET-401A	100mg	N-Nitroso-N-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine
MET-401A	100mg	N-Nitrosopendimethalin
PS-56	100mg	NNOSBP®
PS-1056	50mg	Nofar®
PS-89	1g	Nogos®
PS-24	1g	Nomersan®
PS-2246	100mg	Nominee®
PS-2247	250mg	Nomolt®
PS-2288	POR	Norea
PS-1044	100mg	Norflurazon®
PS-1045	1g	Nortron®
PS-2288	POR	Noruron
PS-2253	100mg	Novaluron
PS-343	1g	NPA
PS-90	1g	Nucidol®
PS-2203	250mg	Nurele®
PS-2041	100mg	Nustar®
PS-609	1g	Nuvacron®
PS-89	1g	Nuvan®
PS-1206	5ml	Nuvanol® N (100ug/ml in Acetone)
PS-2109	10mg	Nylar®
PS-14	1g	Nylmerate®
<b>O</b>		
PS-952	1g	2-(Octylthio)ethanol
PS-345	250mg	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid phosphorothioate
PS-75	1g	Octachlor®
PS-75	1g	1,2,4,5,6,7,8,8-Octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene
PS-75	1g	1,2,4,5,6,7,8,8-Octachloro-4,7-methane-3a,4,7,7a-tetrahydroindane
PS-962	250mg	Octacide 264®
PS-75	1g	Octa-Klor®
PS-76	250mg	Octalox®
PS-2175	250mg	Octave®
PS-962	250mg	N-Octylbicycloheptene dicarboximide
PS-102	1g	Octylene glycol®
PS-976	100mg	n-Octyl sulphoxide of isosafrole
PS-902	1g	OFF®
PS-2207	100mg	Ofir®
PS-1003	100mg	Oftanol
PS-2155	250mg	Ofunack®
PS-2249	100mg	Ohayo®
PS-2154	500mg	Ohric®
PS-89	1g	Oko®
PS-2041	100mg	Olymp®
PS-10	1g	Omial
PS-2175	250mg	Omega®
PS-2249	100mg	Omega®
PS-2017	100mg	Omethoate
PS-858	1g	Omite®
PS-704	10mg	Omtan
PS-2241	100mg	Oncol®
PS-2240	POR	Onecide®
PS-2207	100mg	Onmex®
PS-2116	500mg	Optica®
PS-1088	100mg	Option®
PS-2223	100mg	Option®
PS-1214	5ml	Orbit®
PS-501	250mg	Ordram®
PS-2155	250mg	Oreste®

Catalog #	Size	Description
PS-2277	100mg	Ormetoprin
PS-738	1g	Orthene®
PS-850	5ml	Ortho-mite® (0.1mg/ml in Hexane)
PS-95	500mg	Orthophos®
PS-855	1g	Orthotran®
PS-2216	100mg	Ortus®
PS-410	1g	Oryzalin
PS-2082	500mg	Oryzamate®
PS-1046	1g	Osbac®
PS-2200	250mg	Otetryn®
PS-1074	100mg	Oust Weed Killer®
PS-2291	100mg	Outlook®
PS-2224	500mg	Outrider®
PS-855	1g	Ovex
PS-855	1g	Ovotox®
PS-855	1g	Ovotran®
PS-1050	1g	Oxadiazon
PS-2137	100mg	Oxadixyl
PS-737	250mg	Oxamyl
PS-2091	500mg	Oxine-copper
PS-2200	250mg	Oxlopar®
PS-282	1g	Oxybis(tributyltin)
PS-295	1g	Oxycarboxin
PS-641	50mg	Oxydemeton-methyl
PS-642	100mg	Oxydemeton-methyl sulfone
PS-1033	1g	Oxyfluorfen
PS-2200	250mg	Oxyject 100®
PS-2200	250mg	Oxytetracycline hydrochloride
PS-2200	250mg	Oxytetrin®
PS-2200	250mg	Oxythioquinox
<b>P</b>		
PS-406	1g	Paarlan®
PS-2097	500mg	Paclobutrazol
PS-2069	500mg	Padan®
PS-2064	1g	Paicer®
PS-901	1g	Palatinol M®
PS-2025	100mg	Papthion®
PS-6	1g	Parabis®
PS-3	1g	Paracide®
PS-3	1g	Paramoth
PS-610	100mg	Paraoxon
PS-95	500mg	Paraphos®
PS-366	1g	Paraquat CL tetrahydrate
PS-613	100mg	Parathion methyl O-analog
PS-610	100mg	Parathion O-analog
PS-95	500mg	Parathion®
PS-94	500mg	Paridol®
PS-2097	500mg	Parlay
PS-94	500mg	Parton®
PS-220	1g	Parzate Liquid®
PS-23	1g	Parzate zineb®
PS-23	1g	Parzate®
PS-374	1g	Patoran
PS-2206	250mg	Paturyl®
PS-1072	30mg	Pay-Off®
PS-387	1g	Payze®
PS-430	1g	PCA
PS-150	1g	PCNB®
PS-7	1g	PCP®
PS-3	1g	PDB®
PS-61	1g	PDU®
PS-2123	500mg	Peak®
PS-55	1g	PEBC
PS-55	1g	Pebulate
PS-2221	250mg	Pegasus®
PS-7	1g	Penchlorol
PS-2207	100mg	Penconazole
PS-1095	100mg	Pencycuron
PS-401	1g	Pendimethalin
PS-2095	500mg	Penncozeb®

Alphabetical Listing

For new pesticides and custom mixtures contact us at +1-610-692-3026 or www.chemservice.com

## Chem Service Pesticide Standards - Alphabetical Listing

Alphabetical Listing

Catalog #	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-2095	500mg	Pennfluid®	PS-203	100mg	Phenyl mercury borate	PS-905	250mg	Pivalyl indandione®
PS-79	1g	Penphene®	PS-203	100mg	Phenylmercuriborate	PS-905	250mg	Pivalyl Valone®
PS-7	1g	Penta®	PS-199	100mg	Phenylmercuric oleate	PS-905	250mg	Pivalyn®
PS-862	1g	Pentac®	PS-202	100mg	Phenylmercury nitrate	PS-2039	100mg	Pivot®
PS-74	1g	Pentachlorin®	PS-205	1g	Phenylmercury salicylate	PS-1047	10mg	Pix®
PS-1109	1g	2,3,4,5,6-Pentachloroanisole	PS-2114	1g	Phenylphthalanic acid	PS-358	1g	Planavin®
PS-1109	1g	Pentachloroanisole	PS-2179	1g	2-Phenyl propane	PS-2157	500mg	Planete Aster®
PS-150	1g	Pentachloronitrobenzene	PS-2266	500mg	3-Phenyl-2-propenal	PS-29	1g	Planofix
PS-7	1g	Pentachlorophenol	PS-205	1g	Phenyl[salicyloyloxy] mercury	PS-295	1g	Plantvax®
PS-1109	1g	Pentachlorophenyl methyl ether	PS-2044	1g	1-Phenyl-3-(1,2,3-thiadiazol-5-yl)urea	PS-2197	250mg	Plateau®
PS-2281	POR	Pentanochlor	PS-801	1g	Phenylthiocarbamide	PS-6	1g	Plath-Lyse®
PS-2119	500mg	Pentyl[2-chloro-5-(cyclohex-1-ene-1,2-dicarboximido)-4-fluorophenoxy]acetate	PS-801	1g	Phenyl-2-thiourea	PS-2245	100mg	Pledge®
PS-224	1g	Perchlormethylmerkaptan	PS-2139	100mg	1-Phenyl-1,2,4-triazolyl-3-(O,O-diethylthiono phosphate)	PS-107	250mg	Plictran®
PS-690	1g	Perchlorobenzene	PS-202	100mg	Phermernite®	PS-2127	100mg	Plondrel®
PS-224	1g	Perchloromethyl mercaptan	PS-952	1g	Phillips R-874®	PS-1208	5ml	Plondrel® (100ug/ml in Hexane)
PS-702	100mg	Perchloropentacyclodecane	PS-14	1g	Phix®	PS-14	1g	PMA®
PS-659	250mg	Perfekthion®	PS-672	1g	Phosphos®	PS-14	1g	PMAC®
PS-2028	1g	Perm E-8®	PS-654	100mg	Phorate	PS-14	1g	PMAS®
PS-2108	100mg	Permit®	PS-682	1g	Phosalone	PS-911	250mg	PMP®
PS-758	250mg	Permethrin	PS-2181	50mg	Phosarbin	PS-2013	100mg	Poast®
PS-758-1	50mg	cis-Permethrin	PS-87	250mg	Phosdrin®	PS-2164	1g	Polaris®
PS-758-2	50mg	Trans-Permethrin (Isomeric Mix)	PS-87-1	100mg	cis-Phosdrin®	PS-2221	250mg	Polo®
PS-2063	250mg	Peropal®	PS-672	1g	Phosethoprop	PS-79	1g	Polychlorobicyclic terpenes
PS-73	1g	Perthane®	PS-842	1g	Phosfolan	PS-1024	250mg	Polycron®
PS-2283	50mg	Pestant®	PS-67	50mg	Phosfon®	PS-225	1g	Polyram®
PS-154	1g	Pestmaster EDB-85®	PS-653	1g	Phosmet	PS-2203	250mg	Polytrin®
PS-26	1g	Phaltan®	PS-610	100mg	Phosphacol	PS-21	1g	Pomarsol Z®
PS-79	1g	Phenacide®	PS-606	250mg	Phosphamidon	PS-24	1g	Pomarsol®
PS-612	1g	Phenamiphos	PS-67	50mg	Phosphon	PS-24	1g	Pomasol®
PS-88	1g	Phencapton®	PS-1051	1g	N-(Phosphonomethyl) glycine	PS-2125	1g	Poseidon®
PS-79	1g	Phenetox®	PS-86	500mg	Phosphothion®	PS-1063	250mg	Posse®
PS-1014	250mg	Phenmedipham	PS-2192	100mg	Phostebupirim	PS-289	1g	Potassium cyanate
PS-202	100mg	Phenmerzyl nitrate®	PS-677	1g	Phosvel®	PS-2020	100mg	Potassium dimethylthiocarbamate
PS-733	1g	Phenothiazine	PS-2100	1g	Phoxim	PS-2019	100mg	Potassium-N-hydroxymethyl-N-methylthiocarbamate
PS-1030	50mg	d-(cis/trans)-Phenothrin	PS-2114	1g	Phthalanillic acid	PS-2153	250mg	Powmyl®
PS-1030	50mg	d-Phenothrin®	PS-901	1g	Phthalic acid dimethyl ester	PS-2109	10mg	Prallethrin
PS-733	1g	Phenoxur	PS-653	1g	Phthalophos	PS-386	250mg	Pramitol®
PS-36	1g	Phenoxyacetic acid	PS-1042	100mg	Phthalthrion	PS-379	1g	Prebane®
PS-758-2	50mg	Trans-meta-Phenoxybenzyl	PS-12	1g	Phygon Paste®	PS-2174	250mg	Precision®
PS-1030	50mg	3-Phenoxybenzyl d-cis.trans-chrysanthamate	PS-12	1g	Phygon XL®	PS-366	1g	Preeglone®
PS-36	1g	Phenoxyethanoic acid	PS-12	1g	Phygon®	PS-425	250mg	Prefar®
PS-2174	250mg	(2-(4-Phenoxyphenoxy) ethyl) carbamic acid ethyl ester	PS-51	500mg	Phytar®	PS-431	1g	Preforan®
PS-758	250mg	[3-Phenoxyphenyl] methyl- [±]-cis.trans-3-[2,2-dichloroethenyl]-2,2-dimethylcyclopropane carboxylate	PS-2007	100mg	Phytosol®	PS-2175	250mg	Prelude®
PS-758-1	50mg	(3-Phenoxyphenyl)methyl-cis-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane carboxylate	PS-4	1g	Picfume®	PS-2210	250mg	Premalin®
PS-2110	100mg	4-Phenoxyphenyl (RS)-2-(2-pyridyloxy)propyl ether	PS-274	250mg	Picloram	PS-56	100mg	Premerge®
PS-37	1g	2-Phenoxypropionic acid	PS-1108	100mg	Picloram methyl ester	PS-2168	250mg	Premier® Herbicide
PS-36	1g	o-Phenylglycolic acid	PS-2174	250mg	Pictyl®	PS-1211	5ml	Premier® Herbicide (100ug/ml in Acetone)
PS-420	1g	o-Phenylphenol	PS-412	1g	Pik-off®	PS-425	250mg	Pre-San®
PS-2025	100mg	Phenthoate	PS-1082	100mg	Pilardax®	PS-17	1g	Preservit®
PS-1021	1g	Phentinoacetate	PS-2151	500mg	Pilot Super®	PS-2111	500mg	Preside®
PS-2032	1g	Phenyl benzene	PS-905	250mg	Pindone	PS-6	1g	Preventol G-D®
PS-36	1g	Phenyl ether glycolic acid	PS-2207	100mg	Pine gel	PS-2167	250mg	Prevex®
PS-36	1g	Phenylum®	PS-2011	100mg	Pinnacle®	PS-2167	250mg	Previcur-N®
PS-14	1g	Phenyl mercuric acetate	PS-409	1g	Piperalin	PS-385	500mg	Primatol P®
PS-15	1g	Phenyl mercuric benzoate	PS-2014	100mg	N,N'-[Piperazine-1,4-diylbis(trichloromethyl) methylene]]diformamide	PS-384	1g	Primatol Q®
PS-203	100mg	Phenyl mercuric borate	PS-960	1g	Piperonal bis[2-(2'-n-butoxyethoxy)ethyl] acetate	PS-58	500mg	Primatol S®
PS-214	1g	Phenyl mercuric chloride	PS-100	100mg	Piperonyl butoxide	PS-386	250mg	Primatol®
PS-215	1g	Phenyl mercuric hydroxide	PS-409	1g	Pipron®	PS-2168	250mg	Prime®
PS-216	1g	Phenyl mercuric lactate	PS-960	1g	Piprotal	PS-1211	5ml	Prime® (100ug/ml in Acetone)
PS-217	1g	Phenyl mercuric phthalate	PS-757	1g	Pirimicarb	PS-643	250mg	Primid®
			PS-643	250mg	Pirimiphos-ethyl	PS-2169	500mg	Primisulfuron
			PS-644	250mg	Pirimiphos-methyl	PS-2169	500mg	Primisulfuron-methyl
			PS-757	1g	Pirimor®	PS-2237	100mg	Primo®
			PS-2181	50mg	Pirofos	PS-58	500mg	Princep®
			PS-905	250mg	Pival®	PS-2045	100mg	Prism®
			PS-905	250mg	2-Pivaloyl-1.3-indandione	PS-2260	100mg	Pristine®
			PS-905	250mg	2-Pivalyl-1.3-indandione	PS-2082	500mg	Probenazole
						PS-2175	250mg	Prochloraz
						PS-2121	1g	Procure®

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## Chem Service Pesticide Standards - Alphabetical Listing

Catalog#	Size	Description
PS-402	1g	Procymazine
PS-2126	250mg	Procymidone
PS-2133	500mg	Prodiamine
PS-1024	250mg	Profenofos
PS-399	1g	Profluoralin®
PS-49	100mg	Pro-Gibb
PS-1045	1g	Prograss®
PS-2226	100mg	Prohexadione-Calcium
PS-57	1g	Prokarbol®
PS-653	1g	Prolate
PS-104	1g	Prolin®
PS-2027	100mg	Promecarb
PS-386	250mg	Prometon
PS-384	1g	Prometryne
PS-349	1g	Pronamide®
PS-2276	100mg	Prop-2-ynyl (R)-2-[4-(5-chloro-3-fluoropyridin-2-yloxy)phenoxy]propionate
PS-355	1g	Propachlor
PS-324	250mg	Propal®
PS-2167-1	250mg	Propamocarb
PS-2167	250mg	Propamocarb HCl
PS-2167	250mg	Propamocarb Hydrochloride
PS-356	500mg	Propanil
PS-858	1g	Propargite®
PS-385	500mg	Propazine
PS-1076	100mg	Propetamphos
PS-53	1g	Propham
PS-672	1g	Prophos
PS-1075	250mg	Propiconazole
PS-2062	250mg	Propineb
PS-324	250mg	Proponex-Plus®
PS-551	1g	Propoxur
PS-2285	POR	Propoxycarbazone-sodium
PS-2167-1	250mg	Propyl (3-(dimethylamino)propyl)carbamate
PS-2175	250mg	1-(N-Propyl-N-(2-(2,4,6-trichlorophenoxy)ethyl)carbamoyl)imidazole
PS-2051	100mg	2-Propynyl-(E,E)-3,7,11-trimethyl-2,4-dodecadienoate
PS-349	1g	Propyzamide
PS-2123	500mg	Prosulfuron
PS-1048	500mg	Protect®
PS-99	250mg	Protex®
PS-1094	100mg	Prothiophos
PS-401	1g	Prowl®
PS-2223	100mg	Puma®
PS-2041	100mg	Punch®
PS-24	1g	Puralin®
PS-2178	250mg	Purivel®
PS-2039	100mg	Pursuit®
PS-1032	250mg	Pydrin®
PS-1032	500mg	Pydrin®
PS-2189	250mg	Pymetrozine
PS-2046	50mg	Pyraclufos
PS-2235	100mg	Pyraclostrobin
PS-430	1g	Pyramine
PS-2125	1g	Pyramite®
PS-430	1g	Pyrazon
PS-2049	100mg	Pyrazophos
PS-2105	100mg	Pyrazosulfuron ethyl
PS-2064	1g	Pyrazoxyfen
PS-96	5ml	Pyresyn® (0.1mg/ml in Methylene chloride)
PS-97	100mg	Pyrethrum
PS-2125	1g	Pyridaben
PS-2155	250mg	Pyridaphenthion
PS-2081	500mg	Pyridate
PS-1059	100mg	1-(3-Pyridylmethyl)-3-(4-nitrophenyl)urea
PS-2251	100mg	Pyrimethanil
PS-1059	100mg	Pyriminil

Catalog #	Size	Description
PS-674	1g	Pyrinex®
PS-2110	100mg	Pyriproxyfen
PS-2145	500mg	Pyriothiobac-Sodium
PS-2181	50mg	Pyrophos

### Q

PS-2141	250mg	Quadris®
PS-1008	1g	Quele®
PS-655	500mg	Queleton®
PS-655	500mg	Queletox®
PS-389	1g	Quilan®
PS-2010	250mg	Quinalphos
PS-2010	250mg	Quinatox®
PS-2098	500mg	Quinclorac
PS-2091	500mg	Quinolate®
PS-18	1g	8-Quinolinol
PS-860	250mg	Quinomethionate
PS-18	1g	Quinophenol
PS-2284	100mg	Quinoxyfen
PS-150	1g	Quintozene
PS-1080	100mg	Quizalofop ethyl
PS-2151	500mg	Quizalofop-P-ethyl

### R

PS-611	1g	Rabon®
PS-2093	250mg	Racumin®
PS-1102	100mg	Racuzza®
PS-32	1g	Radapon®
PS-51	500mg	Rad-E-Cate 35®
PS-2119	500mg	Radiant®
PS-2225	250mg	Ragadan®
PS-355	1g	Ramrod®
PS-351	1g	Randox®
PS-2162	500mg	Raptor®
PS-2143	100mg	Ratak®
PS-2185	250mg	Rattler®
PS-2185	1g	Rattler®
PS-106	1g	Rattract®
PS-2085	500mg	Raviac®
PS-1091	100mg	Raxil®
PS-1008	1g	Reducymol®
PS-2102	500mg	Reflex®
PS-2207	100mg	Regal gel
PS-561	1g	Regim-8®
PS-365	1g	Reglone®
PS-65	1g	Regulox
PS-418	250mg	Reldan®
PS-2124	250mg	Rely®
PS-2083	250mg	Renegade®
PS-656	100mg	Resitox®
PS-1000	250mg	Resmethrin
PS-2080	500mg	d-trans-Resmethrin
PS-2119	500mg	Resource®
PS-611	1g	Revap®
PS-24	1g	Rezifilm®
PS-33	1g	Rid®
PS-1099	100mg	Ridomil®
PS-2169	500mg	Rifle®
PS-2253	100mg	Rimon®
PS-2118	100mg	Rimsulfuron
PS-14	1g	Riogen®
PS-2203	250mg	Ripcord®
PS-2156	500mg	Risolex®
PS-2175	250mg	Rival®
PS-2180	1g	Rodanin S-62®
PS-2029	1g	Rodex®
PS-659	250mg	Rogor®
PS-356	500mg	Rogue®
PS-502	1g	Ro-Neet
PS-1049	1g	Ronilan®
PS-657	100mg	Ronnel®
PS-1050	1g	Ronstar®
PS-28	1g	Rootone®

PS-857	1g	Rospin®
PS-99	250mg	Rotenone
PS-72	1g	Rothane®
PS-2185	250mg	Roundup®
PS-2185	1g	Roundup®
PS-1052	1g	Rovral®
PS-659	250mg	Roxion®
PS-65	1g	Royal MH-30
PS-2085	500mg	Rozol®
PS-1014	250mg	Rubenal®
PS-1045	1g	Rubetram®
PS-1073	100mg	Rubigan®
PS-682	1g	Rubitox
PS-607	50mg	Ruelene®
PS-2199	100mg	Rugby®

### S

PS-2040	100mg	Sacemid®
PS-391	1g	SADH®
PS-1076	100mg	Safrotin®
PS-2115	100mg	Saga®
PS-411	100mg	Sancap®
PS-2137	100mg	Sandofan®
PS-2219	100mg	Saniprid®
PS-1032	250mg	Sanmarton
PS-1032	500mg	Sanmarton
PS-2125	1g	Sanmite®
PS-7	1g	Santophen 20®
PS-432	250mg	Santoquin®
PS-1087	100mg	Sapecron®
PS-2172	100mg	Saphire®
PS-2014	100mg	Saprol®
PS-90	1g	Sarolex®
PS-1017	1g	Saturn®
PS-1017	1g	Saturn®
PS-1079	100mg	Savey miticide®
PS-1000	250mg	SBP 1382
PS-2053	100mg	Scepter®
PS-840	1g	Schering 36268
PS-2173	100mg	Scoop®
PS-2111	500mg	Scorpion®
PS-2115	100mg	Scout®
PS-14	1g	Scuttl®
PS-2289	100mg	9,10-Secocholesta-5,7,10(19)-trien-3-beta-ol
PS-1024	250mg	Selectron®
PS-2045	100mg	Select®
PS-2012	250mg	Semevin®
PS-2108	100mg	Sempra®
PS-398	1g	Sencor®
PS-551	1g	Sendran®
PS-2130	50mg	Sentinel®
PS-2216	100mg	Sequel®
PS-419	1g	N-Serve®
PS-313	1g	SES
PS-313	1g	Sesone®
PS-2013	100mg	Sethoxydim
PS-84	1g	Sevin®
PS-2184	250mg	Sha chong shuang
PS-2170	100mg	Shark®
PS-2209	250mg	Sherman®
PS-2203	250mg	Sherpa®
PS-2273	30mg	Shinoma®
PS-2249	100mg	Shogun®
PS-65	1g	Shucker-Stuff
PS-1093	100mg	Sibutol®
PS-373	1g	Siduron
PS-230	1g	Sigma
PS-2223	100mg	Silverado®
PS-47	250mg	Silvex
PS-329	1g	Silvex 2-ethylhexyl ester
PS-329	1g	Silvex isooctyl ester
PS-342	250mg	Silvex methyl ester
PS-51	500mg	Silvisar®

Alphabetical Listing

For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

## Chem Service Pesticide Standards - Alphabetical Listing

Alphabetical Listing

Catalog #	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-58	500mg	Simazine	PS-2263	250mg	Streptomycin sulfate (2:3) salt	PS-47	250mg	2,4,5-TCPPA
PS-381	50mg	Simetryn	PS-71	1g	Streunex®	PS-297-1	250mg	2,4,5-T 2-ethylhexyl ester
PS-375	1g	Sinbar®	PS-2023	100mg	Strobane®	PS-297	100mg	2,4,5-T isooctyl ester
PS-57	1g	Sinox®	PS-2182	250mg	Stroby®	PS-46	100mg	2,4,5-T isopropyl ester
PS-2105	100mg	Sirius®	PS-2208	250mg	Strongarm®	PS-339	250mg	2,4,5-T methyl ester
PS-65	1g	Slo-Gro	PS-1099	100mg	Subdue®	PS-47	250mg	2,4,5-TP®
PS-221	500mg	SMDC	PS-2211	100mg	Success Naturalyte®	PS-1004	500mg	Tabamex®
PS-1202	5ml	Snip® (100ug/ml in Methylene chloride)	PS-391	1g	Succinic acid 2,2-dimethylhydrazide	PS-903	1g	Tabatrex®
PS-95	500mg	SNP®	PS-280	1g	Succinic acid cadmium salt	PS-2186	25mg	Tachigaren®
PS-281	500mg	Sodar®	PS-903	1g	Succinic acid dibutyl ester	PS-2142	250mg	Tairel®
PS-428	1g	Sodium arsenate	PS-2278	250mg	Sudine®	PS-1056	50mg	Talon®
PS-2246	100mg	Sodium 2,6-bis(4,6-dimethoxypyrimidin-2-yl)oxybenzoate	PS-2079	100mg	Suffix®	PS-2003	100mg	Talstar®
PS-2145	500mg	Sodium 2-Chloro-6-(4,6-dimethoxypyrimidin-2-ylthio)benzoate	PS-2178	250mg	Sullex®	PS-676	100mg	Tamaron®
PS-2236	250mg	Sodium Dalapon	PS-2278	250mg	Sulfadimethoxine	PS-1004	500mg	Tamex®
PS-313	1g	Sodium 2,4-dichlorophenoxyethyl sulfate	PS-19	250mg	Sulfallate	PS-1014	250mg	Tanex®
PS-105	1g	Sodium fluoroacetate	PS-2056	10mg	2-Sulfanilamido quinoxaline	PS-2199	100mg	Taredan®
PS-221	500mg	Sodium methyl dithiocarbamate	PS-66	1g	Sulfasan®	PS-2151	500mg	Targa Super®
PS-255	1g	Soil Fungicide 1823®	PS-2132	250mg	Sulfentrazone	PS-2151	500mg	Tarazan®
PS-154	1g	Soilbrom-85®	PS-1074	100mg	Sulfometuron methyl	PS-282	1g	TBTO®
PS-2094	POR	Solacol®	PS-2056	10mg	Sulfoquinoxaline	PS-334	1g	2,4,5-T butoxypropylene glycol ester
PS-2281	POR	Solan®	PS-2224	500mg	Sulfosulfuron	PS-1057	1g	TBZ®
PS-1090	250mg	Solfac®	PS-2024	50mg	Sulfotep	PS-34	1g	TCA
PS-1044	100mg	Solicam®	PS-976	100mg	Sulfox-Ade	PS-2021	100mg	TCMTB
PS-610	100mg	Soluglaucit	PS-976	100mg	Sulfox-cide	PS-151	1g	TCNB®
PS-408	1g	Sonalan®	PS-976	100mg	Sulfoxide	PS-72	1g	TDE
PS-1070	100mg	Sonar®	PS-976	100mg	Sulfoxone sodium	PS-1091	100mg	Tebuconazole®
PS-8	100mg	Sontox 6®	PS-976	100mg	Sulfoxyl®	PS-2188	100mg	Tebufenozide
PS-7	1g	Sontox®	PS-1018	100mg	Sulprofos	PS-2192	100mg	Tebupirimfos
PS-2182	250mg	Sovran®	PS-2278	250mg	Sulxin®	PS-2192	100mg	Tebupirimphos
PS-1213	5ml	Spark®	PS-2076	10mg	Sumagic®	PS-2255	250mg	Tebutam
PS-90	1g	Spectacide®	PS-2152	100mg	Sumi-8®	PS-407	1g	Tebuthiuron
PS-11	1g	Spergon®	PS-1032	500mg	Sumicidin®	PS-151	1g	Tecnazene
PS-407	1g	Spike®	PS-1032	500mg	Sumifly	PS-1057	1g	Tecto®
PS-1014	250mg	Spin-Aid®	PS-1032	500mg	Sumifly	PS-80	1g	Telion V-18®
PS-2211	100mg	Spinosad	PS-1032	500mg	Sumifly	PS-2247	250mg	Teflubenzuron
PS-2211	100mg	Spinosyn A, 131929-60-7; Spinisyn D, 131929-63-0	PS-1032	500mg	Sumifly	PS-2247	250mg	Tefludate®
PS-2211	100mg	SpinTor Naturalyte®	PS-2126	250mg	Sumilex®	PS-2238	1ml	Tefluthrin
PS-2293	POR	Spiroxamine	PS-1032	500mg	Sumilex®	PS-704	10mg	Telodrin®
PS-2135	500mg	Splendor®	PS-1032	500mg	Sumipower	PS-152	1g	Telone®
PS-2175	250mg	Sporgon®	PS-1032	500mg	Sumipower	PS-59	1g	Telvar®
PS-2175	250mg	Sportak®	PS-2126	250mg	Sumisclex®	PS-665	100mg	Temephos
PS-2152	100mg	Spotless®	PS-2245	100mg	Sumisoya®	PS-734	1g	Temik®
PS-24	1g	Spotrete®	PS-678	500mg	Sumithion®	PS-551	1g	Tendex®
PS-2175	250mg	Sprint®	PS-1030	50mg	Sumithrin®	PS-6	1g	Teniathane®
PS-1071	100mg	Spur®	PS-2119	500mg	Sumiverde®	PS-6	1g	Teniato®
PS-908	1g	Stabilene®	PS-551	1g	Suncide®	PS-376	1g	Tenorán®
PS-2173	100mg	Stakeout®	PS-2224	500mg	Sundance®	PS-601	500mg	TEPP
PS-356	500mg	Stam®	PS-2069	500mg	Suntap®	PS-375	1g	Terbacil
PS-1055	10mg	Standak®	PS-2069	500mg	Sunvex®	PS-550	100mg	Terbucarb
PS-170	1g	Stanophen No. 1®	PS-264	1g	Super X	PS-680	500mg	Terbufos
PS-2145	500mg	Staple®	PS-1038	100mg	Super-Caid	PS-2120	1g	Terbumeton
PS-2191	100mg	Starane 250®	PS-2203	250mg	Supercypermethrin®	PS-413	50mg	Terbutylazine
PS-2046	50mg	Starlex®	PS-1038	100mg	Super-Rozol	PS-550	100mg	Terbutol
PS-2176	100mg	Starycide®	PS-1087	100mg	Supona®	PS-379	1g	Terbutryme
MET-222B	500mg	STB	PS-679	1g	Supracide®	PS-2023	100mg	Terpene polychlorinates
PS-1087	100mg	Steladone®	PS-356	500mg	Surcopur®	PS-731	1g	Terpinyl thiocyanacetate
PS-611	1g	Stirifos	PS-410	1g	Surflan®	PS-150	1g	Terraclor®
PS-401	1g	Stomp®	PS-2040	100mg	Surpass®	PS-667	100mg	Terracur P®
PS-432	250mg	Stop-Scald	PS-503	1g	Sutan	PS-2200	250mg	Terramycin hydrochloride®
PS-2149	10mg	Storm®	PS-1031	500mg	Suzu H®	PS-264	1g	Terrazole®
PS-2149	10mg	Stratagem®	PS-1021	1g	Suzu®	PS-255	1g	Tersan SP®
PS-2263	250mg	Streptomycin A sulfate	PS-665	100mg	Swabate®	PS-24	1g	Tersan®
PS-2263	250mg	Streptomycin sesquisulfate	PS-1098	50mg	Swep	PS-2228	250mg	2,3,5,6-Tetrachloroaniline
PS-2263	250mg	Streptomycin sulfate	PS-1000	250mg	Synthrin®	PS-80	1g	2,3,5,6-Tetrachlorodiphenyl sulfone
			PS-2006	100mg	Systhane®			N-(1,1,2,2-Tetrachloroethylthio)-4-cyclohexene-1,2-dicarboximide thiadiazol-2-yl)oxyl)acetamide
			PS-661/662	100mg	Systox			2,3,4,5-Tetrachloro nitrobenzene
								Tetrachloroisophthalonitrile
								Tetrachloro-p-benzoquinone

### T

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Alphabetical Listing

Catalog#	Size	Description	Catalog #	Size	Description	Catalog #	Size	Description
PS-151	1g	1,2,4,5-Tetrachloro-3-nitrobenzene	PS-81	500mg	Thiodan®	PS-2048	100mg	Tribunil®
PS-8	100mg	2,3,4,6-Tetrachlorophenol	PS-652	1g	Thiodemeton®	PS-67	50mg	Tributyl[2,4-dichlorobenzyl]phosphonium chloride
PS-611	1g	Tetrachlorvinphos	PS-2012	250mg	Thiodicarb	PS-562	1g	S.S.S-Tributyl phosphorotrithioate
PS-80	1g	Tetradifon	PS-733	1g	Thiodiphenylamine	PS-68	250mg	Tributylphosphorotrithioate
PS-2024	50mg	O,O,O',O'-Tetraethyl dithiopyrophosphate	PS-2233	50mg	Thiometon	PS-68	1g	Tributylphosphorotrithioate
PS-2181	50mg	Tetraethyl ester	PS-668	100mg	Thionazin	PS-608	1g	Trichlorfon
PS-2181	50mg	thiodiphosphoric acid	PS-26	1g	Thiophal®	PS-34	1g	Trichloroacetic acid
PS-601	500mg	Tetraethyl mono thiopyrophosphate	PS-223	1g	Thiophanate	PS-506	1g	S-(2,3,3-Trichloroallyl) diisopropyl thiocarbamate
PS-665	100mg	Tetraethylpyrophosphate	PS-230	1g	Thiophanate-methyl	PS-506	1g	2,3,3-Trichloroallyl-N,N-diisopropylthiolcarbamate
PS-2238	1ml	Tetrafenphos	PS-95	500mg	Thiophos®	PS-330	1g	2,3,6-Trichlorobenzoic acid
		2,3,5,6-Tetrafluoro-4-methylbenzyl(Z)-(1RS,3RS)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate	PS-2184	250mg	Thiosulfuric acid S,S'-[2-(dimethylamino)-1,3-propanediyl]ester	PS-698	50mg	1,1,1-Trichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)ethane
			PS-2184	250mg	Thiosultap-sodium	PS-699	1g	1,1,1-Trichloro-2,2-bis(p-chlorophenyl)ethane
PS-2288	POR	1-(Tetrahydrodi cyclopentadienyl) -3,3-dimethylurea	PS-2024	50mg	Thiolepp®	PS-74	1g	1,1,1-Trichloro-2,2-di(4-chlorophenyl)ethane
PS-17	1g	Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione	PS-2233	50mg	Thiotox®	PS-2112	250mg	(R)-1,2-O-(2,2,2-Trichloroethylidene)-a-D-glucufuranose
PS-1001	100mg	Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone [3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl] ethenyl]-2-propenylidene]hydrazone	PS-24	1g	Thiram	PS-608	1g	(2,2,2-Trichloro-1-hydroxyethyl)phosphonic acid dimethyl ester
PS-65	1g	1,2,3,6-Tetrahydro-3,6-dioxypyridazine	PS-307	100mg	Thistrol®	PS-83	1g	1,1,1-Trichloro-2,2-bis(p-methoxyphenyl)ethane
PS-99	250mg	1,2,12,12a-Tetrahydro-2-isopropenyl-8,9-dimethoxy-[1]benzopyrano-[3,4-b]furo[2,3-h][1]benzopyran-6[6aH]-one	PS-24	1g	Thiurad®	PS-224	1g	Trichloromethane sulfonyl chloride
PS-2033	500mg	3a,4,7,7a-Tetrahydro-4,7-methane-1H-indene	PS-24	1g	Thylate®	PS-224	1g	Trichloromethanesulphenyl chloride
PS-1042	100mg	3,4,5,6-Tetrahydro phthalimidomethyl chrysanthemate	PS-24	1g	TIBA®	PS-224	1g	Trichloromethylsulphenyl chloride
PS-1042	100mg	Tetramethrin	PS-561	1g	TIGUON®	PS-224	1g	Trichloromethylsulphenyl chloride
PS-2012	250mg	3,7,9,13-Tetramethyl-5,11-dioxa-2,8,14-trithia-4,7,9,12-tetraazapentadeca-3,12-diene-6,10-dione	PS-655	500mg	Tiguvon®	PS-224	1g	Trichloromethylsulphenyl chloride
PS-665	100mg	O,O,O',O'-Tetramethyl-O,O'-thio-di-p-phenylene phosphorothioate	PS-55	1g	Tillam®	PS-25	1g	N-(Trichloromethylthio)-4-cyclohexene -1,2-dicarboximide
PS-24	1g	Tetramethylthiuram disulfide	PS-1075	250mg	Till®	PS-26	1g	N-(Trichloromethylthio) phthalimide
PS-2200	250mg	Tetranhydrochloride®	PS-2118	100mg	Titus®	PS-2007	100mg	Trichloronate
PS-663	50mg	Tetra-n-propyl dithionopyrophosphate	PS-24	1g	Tiuramy®	PS-4	1g	Trichloronitromethane
PS-663	50mg	O,O,O',O'-Tetrapropyl dithiopyrophosphate	PS-24	1g	TMTD®	PS-45	250mg	(2,4,5-Trichlorophenoxy) acetic acid
PS-601	500mg	Tetron	PS-1004	500mg	Tobago®	PS-309	1g	(2,4,5-Trichlorophenoxy) acetic acid butoxyethyl ester
PS-804	1g	Thallium sulfate	PS-1057	1g	Tobaz®	PS-334	1g	(2,4,5-Trichlorophenoxy) acetic acid butoxy polypropylene glycol ester
PS-804	1g	Thallous sulfate	PS-282	1g	T-O-Biostat®	PS-303	1g	(2,4,5-Trichlorophenoxy) acetic acid n-butyl ester
PS-731	1g	Thanite®	PS-394	100mg	TOK®	PS-46	100mg	(2,4,5-Trichlorophenoxy) acetic acid isopropyl ester
PS-1057	1g	Thiabendazole®	PS-1094	100mg	Tokuthion®	PS-329	1g	(2,4,5-Trichlorophenoxy) propionic acid 2-ethylhexyl ester
PS-2262	100mg	Thiacloprid	PS-399	1g	Tolban®	PS-297	100mg	(2,4,5-Trichlorophenoxy) propionic acid isooctyl ester
PS-2215	100mg	Thiamethoxam	PS-2156	500mg	Tolclofos-Methyl	PS-339	250mg	(2,4,5-Trichlorophenoxy) acetic acid methyl ester
PS-2163	500mg	Thiazophyr	PS-2000	1g	Tolkan®	PS-296	1g	(2,4,5-Trichlorophenoxy) acetic acid triethyl amine salt
PS-2163	500mg	Thiazopyr	PS-2060	500mg	Tolyfluamid	PS-9	1g	2,4,5-Trichlorophenol
PS-1057	1g	2-(4'-Thiazolyl)-benzimidazole	PS-50	1g	N-m-Tolylphthalamic acid	PS-437	250mg	2,4,5-Trichlorophenol ethanolamine salt
PS-1057	1g	Thibenzole®	PS-2207	100mg	Topaz®	PS-437	1g	2,4,5-Trichlorophenol ethanolamine salt
PS-2044	1g	Thidiazuron	PS-223	1g	Topsin E			
PS-2011	100mg	Thifensulfuron-methyl	PS-230	1g	Topsin M®			
PS-81	500mg	Thifor®	PS-274	250mg	Tordon®			
PS-654	100mg	Thimet®	PS-2117	500mg	Tomado®			
PS-81	500mg	Thimul®	PS-2078	250mg	Toro®			
PS-1017	1g	Thiobencarb	PS-1060	1g	Torque®			
PS-2021	100mg	2-(Thiocyanomethylthio) benzothiazole	PS-2174	250mg	Torus®			
			PS-2081	500mg	Tough®			
			PS-79	1g	Toxakil®			
			PS-79	1g	Toxaphene®			
			PS-75	1g	Toxiclor®			
			PS-342	250mg	2,4,5-TP methyl ester			
			PS-1021	1g	TPTA			
			PS-1031	500mg	TPTH			
			PS-1031	500mg	TPTOH			
			PS-2211	100mg	Tracer Naturalyte®			
			PS-2115	100mg	Tracker®			
			PS-2115	100mg	Tralate®			
			PS-2135	500mg	Tralkoxydim			
			PS-2115	100mg	Tralomethrin			
			PS-2115	100mg	Tralox®			
			PS-1045	1g	Tramat®			
			PS-2237	100mg	Trebon®			
			PS-393	1g	Treflan®			
			PS-1213	5ml	Trelka®			
			PS-71	1g	Tri-6			
			PS-1013	500mg	Triadimefon			
			PS-1064	250mg	Triadimenol			
			PS-506	1g	Tri-allate			
			PS-2042	100mg	Triasulfuron			
			PS-388	250mg	Triazine®			
			PS-1213	5ml	Triazophos			
			PS-2139	100mg	Triazophos			
			PS-905	250mg	Tri-Ban®			
			PS-2099	250mg	Tribenuron-methyl			
			PS-562	1g	Tribufos			

Alphabetical Listing

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## Chem Service Pesticide Standards - Alphabetical Listing

Alphabetical Listing

Catalog #	Size	Description
PS-10	1g	2,4,6-Trichlorophenol
PS-47	250mg	2-(2,4,5-Trichlorophenoxy) propionic acid
PS-342	250mg	2-(2,4,5-Trichlorophenoxy) propionic acid methyl ester
PS-308	1g	2,3,6-Trichlorophenylacetic acid
PS-1110	100mg	[(3,5,6-Trichloro-2-pyridinyl)oxy]acetic acid methyl ester
PS-417	1g	[(3,5,6-Trichloro-2-pyridinyl)oxy]acetic acid
PS-674	1g	Trichlorpyrphos
PS-417	1g	Triclopyr
PS-1110	100mg	Triclopyr methyl ester
PS-1083	100mg	Tricyclazole
PS-2063	250mg	1-(Tricyclohexylstannyl)-1H-1,2,4-triazole
PS-107	250mg	Tricyclohexyltin hydroxide
PS-2242	100mg	Tridemorph
PS-2095	500mg	Tridex® Fungicide
PS-66	1g	Tridex® Herbicide
PS-2107	100mg	Trietazine
PS-2196	100mg	Trifloxystrobin
PS-2121	1g	Triflumizole
PS-2176	100mg	Triflumuron
PS-393	1g	a.a.a-Trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine
PS-2057	1g	a,a,a-Trifluoro-3'-isopropoxy-o-toluanilide
PS-2290	POR	4-Trifluoromethyl nicotinamide
PS-2290	POR	N-(4-Trifluoromethyl nicotinoyl) -glycine
PS-1205	5ml	(RS)-2-[4-(5-Trifluoromethyl-2-pyridyloxy)phenoxy] propionic acid (100ug/ml in Acetonitrile)
PS-1097	100mg	R-2-[4-(5-Trifluoromethyl-2-pyridyloxy)phenoxy] propionic acid, butyl ester
PS-393	1g	Trifluralin
PS-2176	100mg	Trifluron
PS-2147	500mg	Triflusalifuron-methyl
PS-2121	1g	Triflurzin
PS-57	1g	Trifluroxystrobin
PS-2014	100mg	Triforine
PS-57	1g	Trifrina®
PS-2073	500mg	Trigard®
PS-561	1g	2,3,5-Triiodobenzoic acid
PS-2095	500mg	Trimanoc®
PS-221	500mg	Trimaton®
PS-2050	100mg	Trim-Cut®
PS-541	50mg	2,3,5-Trimethacarb
PS-542	50mg	3,4,5-Trimethacarb
PS-905	250mg	2-Trimethylacetyl-1,3-indandione
PS-541	50mg	2,3,5-Trimethylphenyl methyl carbamate
PS-542	50mg	3,4,5-Trimethylphenyl methyl carbamate
PS-2158	250mg	Trinexapac-ethyl
PS-309	1g	Trinoxol
PS-1021	1g	Triphenyltin acetate
PS-1031	500mg	Triphenyltin hydroxide
PS-88	1g	Trithion®
PS-150	1g	Tritisan®
PS-657	100mg	Trolene
PS-2040	100mg	Trophy®
PS-960	1g	Tropital®
PS-307	100mg	Tropotox®
PS-2187	100mg	Trucidor®
PS-1213	5ml	Try®
PS-330	1g	Trysben®
PS-24	1g	Tuads®

Catalog #	Size	Description
PS-1031	500mg	Tubotin®
PS-608	1g	Tugon®
PS-24	1g	Tulisan®
PS-373	1g	Tupersan®
PS-2223	100mg	Twister®
PS-1092	100mg	Tycor®

### U

PS-951	1g	2-Undecanone
PS-551	1g	Unden®
PS-2076	10mg	Uniconazole-P
PS-858	1g	Uniroyal DO 14
PS-2147	500mg	Upbeet®
PS-364	1g	Urab®
PS-371	1g	Urox®
PS-2061	100mg	Ustilan®

### V

PS-1059	100mg	Vacor
PS-2266	500mg	Valeo®
PS-2094	POR	Validacin®
PS-2094	POR	Validamycin
PS-2094	POR	Valimun®
PS-911	250mg	Valone®
PS-2187	100mg	Vamidoate®
PS-2187	100mg	Vamidothion
PS-962	250mg	Van Dyke 264®
PS-21	1g	Vancide® MZ-96
PS-24	1g	Vancide® TM Fungicide
PS-2144	500mg	Vanguard®
PS-227	1g	Vanicide-20S®
PS-2013	100mg	Vantage®
PS-904	1g	Vanzoate®
PS-221	500mg	Vapam®
PS-89	1g	Vapona®
PS-601	500mg	Vapotone®
PS-2174	250mg	Varikill®
PS-2177	100mg	Vaspact®
PS-19	250mg	Vegadex®
PS-2030	1g	Vegfru Snailkil®
PS-314	250mg	Vegiben®
PS-416	1g	Velpar
PS-75	1g	Velsicol 1068®
PS-2233	50mg	Veltin®
PS-1060	1g	Vendex®
PS-415	1g	Venzar®
PS-904	1g	Venzonate®
PS-733	1g	Vermitin
PS-504	250mg	Vernam®
PS-504	250mg	Vernolate
PS-41	1g	Verton®
PS-2239	1ml	Vigil®
PS-1049	1g	Vinclozolin
PS-2184	250mg	Vinetox®
PS-657	100mg	Viozene®
PS-2163	500mg	Visor®
PS-2191	100mg	Vista®
PS-2289	100mg	Vitamin D3
PS-294	1g	Vitavax®
PS-2226	100mg	Viviful®
PS-2100	1g	Volaton®
PS-2046	50mg	Voltage®
PS-2143	100mg	Vorex®
PS-2059	100mg	Voronit®
PS-221	500mg	VPM®
PS-2245	100mg	Vulcan®
PS-11	1g	Vulklor®

### W

PS-671	1g	Warbex®
PS-104	1g	Warf Compound 42®

Catalog #	Size	Description
PS-104	1g	Warf®
PS-104	1g	Warfarin
PS-553	1g	Waylay®
PS-1056	50mg	WeatherBlok®
PS-41	1g	Weedar®
PS-382	1g	Weedazol®
PS-337	1g	Weedicide Amine®
PS-366	1g	Weedol®
PS-45	250mg	Weedone
PS-1088	100mg	Whip®

### Y

PS-2029	1g	Yanock®
PS-1207	250mg	Yomesan® (100ug/ml in Methanol)

### Z

PS-2092	500mg	Zardex®
PS-756	500mg	Zectran®
PS-2068	100mg	Zephyr®
PS-21	1g	Zerlate®
PS-2244	250mg	zeta-Cypermethrin
PS-21	1g	Zimate®
PS-2220	100mg	Zimecterin®
PS-2095	500mg	Zinc and Manganese ethylene bisdithiocarbamate coordination product
PS-21	1g	Zinc dimethyl dithiocarbamate
PS-23	1g	Zinc ethylene bis (dithiocarbamate)
PS-803	1g	Zinc phosphate
PS-23	1g	Zineb®
PS-668	100mg	Zinophos®
PS-21	1g	Ziram
PS-21	1g	Zirbek®
PS-682	1g	Zolone®
PS-104	1g	Zoocoumarin
PS-1044	100mg	Zorial®

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

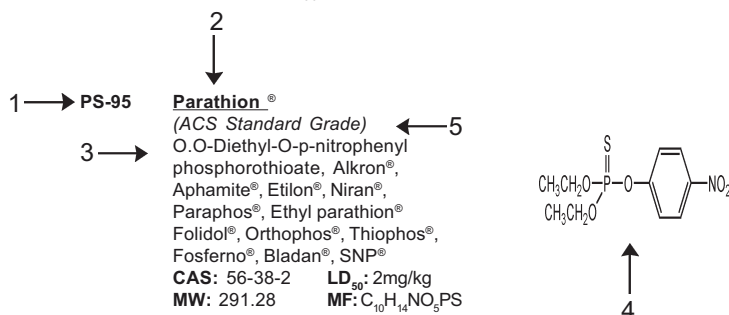


### Numerical Listing Pesticide Standards

Numerical Listing

This section contains the numerical listing of all Chem Service Pesticide standards along with their chemical structure.

This listing also contains, where available, MW, MF, LD<sub>50</sub> and CAS numbers.



- 1 **Catalog number for the pesticide standard**
- 2 **Description for the pesticide standard**
- 3 Other descriptions for the pesticide standard, with synonyms and trade names
- 4 Structure for the pesticide standard
- 5 *This product meets or exceeds the requirements set forth by the American Chemical Society for Standard Grade products.*

#### ORDERS

Phone: 1-610-692-3026 or 1-800-452-9994  
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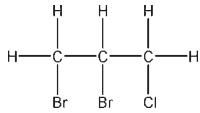
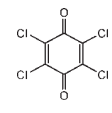

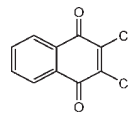

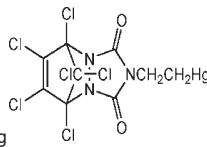
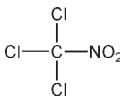
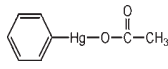
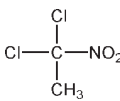
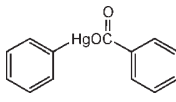
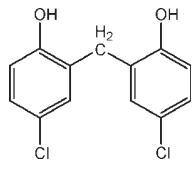
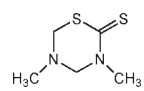
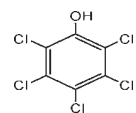
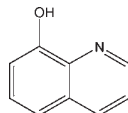
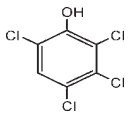
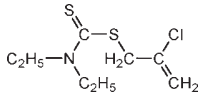
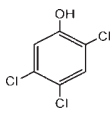
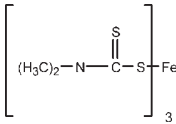
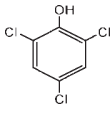
#### TECHNICAL INQUIRIES & CUSTOMER SERVICE

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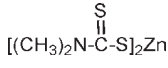
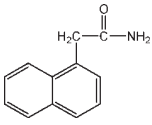
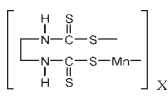
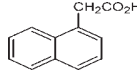
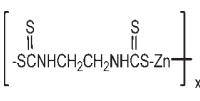
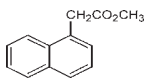
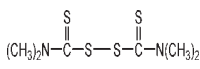
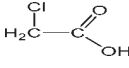
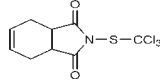
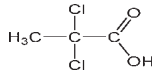
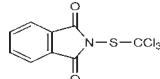
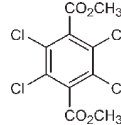
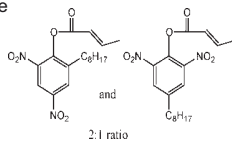
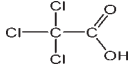


## Chem Service Pesticide Standards - Numerical Listing

PS-1	<b>1,2-Dibromo-3-chloropropane</b> DBCP®, Fumazone®, Nemaforme®, Nemagon® CAS: 96-12-8    LD <sub>50</sub> : 170mg/kg MW: 236.35    MF: C <sub>3</sub> H <sub>5</sub> Br <sub>2</sub> Cl		PS-11	<b>Chloranil</b> Tetrachloro-p-benzoquinone, Spergon®, Vulklor® CAS: 118-75-2    LD <sub>50</sub> : 4,000mg/kg MW: 245.86    MF: C <sub>6</sub> Cl <sub>4</sub> O <sub>2</sub>	
PS-2	<b>o-Dichlorobenzene</b> 1,2-Dichlorobenzene CAS: 95-50-1    LD <sub>50</sub> : 500mg/kg MW: 147.00    MF: C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub>		PS-12	<b>Dichlone</b> 2,3-Dichloro-1,4-naphthaquinone, Phygon®, Phygon Paste®, Phygon XL® CAS: 117-80-6    LD <sub>50</sub> : 1,300mg/kg MW: 227.04    MF: C <sub>10</sub> H <sub>4</sub> Cl <sub>2</sub> O <sub>2</sub>	
PS-3	<b>p-Dichlorobenzene</b> Di-chloride®, Paramoth, PDB®, Paracide®, 1,4-Dichlorobenzene CAS: 106-46-7    LD <sub>50</sub> : 250mg/kg MW: 147.00    MF: C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub>		PS-13	<b>1,4,5,6,7,7-Hexachloro-N-(ethylmercuri)-5-norbornene-2,3-dicarboximide</b> 1,4,5,6,7,7-Hexachloro-N-(ethylmercuri)-5-norbornene-2,3-dicarboximide CAS:                    LD <sub>50</sub> : N/A MW: 599.37            MF: C <sub>9</sub> H <sub>4</sub> Cl <sub>6</sub> N <sub>3</sub> O <sub>2</sub> Hg	
PS-4	<b>Trichloronitromethane</b> Chloropicrin, Nitrochloroform®, Picfume®, Chlor-O-Pic®, Acquitine®, Nemax®, Larvacide® CAS: 76-06-2    LD <sub>50</sub> : 250mg/kg MW: 164.37    MF: CCl <sub>3</sub> NO <sub>2</sub>		PS-14	<b>Phenyl mercuric acetate</b> Nylmerate®, PMA®, PMAC®, PMAS®, Riogen®, Scutl®, Metasol 30®, Liquiphene®, Phix®, Gallotox® CAS: 62-38-4    LD <sub>50</sub> : 22mg/kg MW: 336.75    MF: C <sub>9</sub> H <sub>9</sub> HgO <sub>2</sub>	
PS-5	<b>1,1-Dichloro-1-nitroethane</b> Ethide® CAS: 594-72-9    LD <sub>50</sub> : 410mg/kg MW: 143.96    MF: C <sub>2</sub> H <sub>3</sub> Cl <sub>2</sub> NO <sub>2</sub>		PS-15	<b>Phenyl mercuric benzoate</b> CAS: 94-43-9    LD <sub>50</sub> : N/A MW: 199.21    MF: C <sub>11</sub> H <sub>9</sub> NO <sub>2</sub>	
PS-6	<b>Dichlorophen</b> 2,2'-Methylene bis(4-chlorophenol), Anthiphen®, Dicastal®, Didroxane®, Hyosan®, Parabis®, Plath-Lyze®, Preventol G-D®, Di-phenthane-70®, Teniathane®, Teniatol® CAS: 97-23-4    LD <sub>50</sub> : 2,690mg/kg MW: 269.13    MF: C <sub>13</sub> H <sub>10</sub> Cl <sub>2</sub> O <sub>2</sub>		PS-17	<b>Dazomet</b> Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, DMTT, Preservit®, Biocide N521®, Crage Fungicide 974®, Mylone®, Basamid® CAS: 533-74-4    LD <sub>50</sub> : 363mg/kg MW: 162.29    MF: C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> S <sub>2</sub>	
PS-7	<b>Pentachlorophenol</b> Penta®, Santophen 20®, PCP®, Penchlorol, Dowicide 7®, Chlorophen®, Sontox® CAS: 87-86-5    LD <sub>50</sub> : 27mg/kg MW: 266.32    MF: C <sub>6</sub> HC <sub>15</sub> O		PS-18	<b>8-Hydroxyquinoline</b> Bioquin, 8-Quinolinol, Quinophenol CAS: 148-24-3    LD <sub>50</sub> : 1,200mg/kg MW: 145.17    MF: C <sub>9</sub> H <sub>7</sub> NO	
PS-8	<b>2,3,4,6-Tetrachlorophenol</b> Dowicide 6®, Sontox 6® CAS: 58-90-2    LD <sub>50</sub> : 140mg/kg MW: 231.88    MF: C <sub>6</sub> H <sub>2</sub> Cl <sub>4</sub> O		PS-19	<b>2-Chloroallyl diethyldithiocarbamate</b> Diethyldithiocarbamic acid, 2-chloroallyl ester, CDEC®, Sulfallate, Vegadex® CAS: 95-06-7    LD <sub>50</sub> : 850mg/kg MW: 223.80    MF: C <sub>8</sub> H <sub>14</sub> ClNS <sub>2</sub>	
PS-9	<b>2,4,5-Trichlorophenol</b> Collunosol, Dowicide 2® CAS: 95-95-4    LD <sub>50</sub> : 820mg/kg MW: 197.44    MF: C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub> O		PS-20	<b>Ferbam</b> Dimethyldithiocarbamic acid, ferric, salt, Carbamate®, Fermate®, Ferradow®, Ferric dimethyldithio carbamate, Karbam black®, Ferberk® CAS: 14484-64-1    LD <sub>50</sub> : 4,000mg/kg MW: 416.51    MF: C <sub>9</sub> H <sub>16</sub> N <sub>3</sub> S <sub>6</sub> Fe	
PS-10	<b>2,4,6-Trichlorophenol</b> Dowicide 2S®, Omal CAS: 88-06-2    LD <sub>50</sub> : 820mg/kg MW: 197.44    MF: C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub> O				

WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS

## Chem Service Pesticide Standards - Numerical Listing

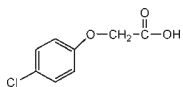
<p><b>PS-21 Ziram</b> Dimethyldithiocarbamic acid, zinc salt, Corozate®, Fuklasine®, Fuklasin®, Karbam white®, Methasan®, Zerlate®, Zimate®, Zinc dimethyldithiocarbamate, Zirbek®, Pomarsol Z®, Vancide® MZ-96, Milbam® <b>CAS:</b> 137-30-4 <b>LD<sub>50</sub>:</b> 1,400mg/kg <b>MW:</b> 305.81 <b>MF:</b> C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>S<sub>4</sub>Zn</p>		<p><b>PS-28 1-Naphthaleneacetamide</b> Rootone® <b>CAS:</b> 86-86-2 <b>LD<sub>50</sub>:</b> 1,000mg/kg <b>MW:</b> 185.24 <b>MF:</b> C<sub>12</sub>H<sub>11</sub>NO</p>	
<p><b>PS-22 Maneb</b> Ethylene bis(dithiocarbamic acid) manganese salt, MEB, Dithane M-22® Manganese ethylene bis(dithiocarbamate), Chem Neb® <b>CAS:</b> 12427-38-2 <b>LD<sub>50</sub>:</b> 6,750mg/kg <b>MW:</b> 265.3 <b>MF:</b> C<sub>4</sub>H<sub>6</sub>MnN<sub>2</sub>S<sub>4</sub></p>		<p><b>PS-29 1-Naphthaleneacetic acid</b> NAA®, Planofix, Fruit Fax® <b>CAS:</b> 86-87-3 <b>LD<sub>50</sub>:</b> 1,000mg/kg <b>MW:</b> 186.22 <b>MF:</b> C<sub>12</sub>H<sub>10</sub>O<sub>2</sub></p>	
<p><b>PS-23 Zineb®</b> Ethylene bis(dithiocarbamic acid) zinc salt, Dithane Z-78®, Lonacol®, Parzate®, Zinc ethylene bis(dithiocarbamate), Parzate zineb®, <b>CAS:</b> 12122-67-7 <b>LD<sub>50</sub>:</b> 5,200mg/kg <b>MW:</b> 275.73 <b>MF:</b> C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>S<sub>4</sub>Zn</p>		<p><b>PS-30 Methyl-1-naphthalene acetate</b> 1-Naphthaleneacetic acid methyl ester <b>CAS:</b> 2876-78-0 <b>LD<sub>50</sub>:</b> 2,140mg/kg <b>MW:</b> 200.25 <b>MF:</b> C<sub>13</sub>H<sub>12</sub>O<sub>2</sub></p>	
<p><b>PS-24 Tetramethylthiuram disulfide</b> Dimethyl thiuram disulfide, Bis(dimethylthiocarbamyl) disulfide, Thiram, Nomersan®, Pomarsol®, Pomasol®, Puralin®, Rezifilm®, Thiosan®, Thiurad®, Thylate®, Tiuramyl®, TMTD®, Tuads®, Tulsan®, Tersan®, Mercuram®, Arasan®, Spotrete®, Delsan®, Vancide® TM Fungicide <b>CAS:</b> 137-26-8 <b>LD<sub>50</sub>:</b> 640mg/kg <b>MW:</b> 240.44 <b>MF:</b> C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>S<sub>4</sub></p>		<p><b>PS-31 Chloroacetic acid</b> Monochloroacetic acid <b>CAS:</b> 79-11-8 <b>LD<sub>50</sub>:</b> 76mg/kg <b>MW:</b> 94.50 <b>MF:</b> C<sub>2</sub>H<sub>3</sub>ClO<sub>2</sub></p>	
<p><b>PS-25 Captan</b> N-(Trichloromethylthio)-4-cyclohexene-1,2-dicarboximide <b>CAS:</b> 133-06-2 <b>LD<sub>50</sub>:</b> 9,000mg/kg <b>MW:</b> 300.59 <b>MF:</b> C<sub>9</sub>H<sub>8</sub>Cl<sub>3</sub>NO<sub>2</sub>S</p>		<p><b>PS-32 Dalapon</b> 2,2-Dichloropropionic acid, Dowpon®, Radapon® <b>CAS:</b> 75-99-0 <b>LD<sub>50</sub>:</b> 970mg/kg <b>MW:</b> 142.97 <b>MF:</b> C<sub>3</sub>H<sub>4</sub>Cl<sub>2</sub>O<sub>2</sub></p>	
<p><b>PS-26 Folpet</b> N-(Trichloromethylthio)phthalimide, Phaltan®, Thiophal® <b>CAS:</b> 133-07-3 <b>LD<sub>50</sub>:</b> 10,000mg/kg <b>MW:</b> 296.55 <b>MF:</b> C<sub>9</sub>H<sub>4</sub>Cl<sub>3</sub>NO<sub>2</sub>S</p>		<p><b>PS-33 Chlorthal</b> (ACS Standard Grade) Dimethyl-2,3,5,6-tetrachloroterephthalate Dacthal®, Rid®, Chlorthal-Methyl®, DCPA methyl ester®, Fatal® <b>CAS:</b> 1861-32-1 <b>LD<sub>50</sub>:</b> 3,000mg/kg <b>MW:</b> 331.96 <b>MF:</b> C<sub>10</sub>H<sub>6</sub>Cl<sub>4</sub>O<sub>4</sub></p>	
<p><b>PS-27 Dinocap</b> 2,4-Dinitro-6-octylphenyl crotonate :2,6-Dinitro-4-octylphenyl crotonate (2:1), Isocothane®, Karathane®, Mildex®, Crothane® <b>CAS:</b> 39300-45-3 <b>LD<sub>50</sub>:</b> 980mg/kg <b>MW:</b> 364.44 <b>MF:</b> C<sub>18</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub></p>		<p><b>PS-34 Trichloroacetic acid</b> TCA <b>CAS:</b> 76-03-9 <b>LD<sub>50</sub>:</b> 3,320mg/kg <b>MW:</b> 163.38 <b>MF:</b> C<sub>2</sub>HCl<sub>3</sub>O<sub>2</sub></p>	
<p><b>PS-28 1-Naphthaleneacetamide</b> Rootone® <b>CAS:</b> 86-86-2 <b>LD<sub>50</sub>:</b> 1,000mg/kg <b>MW:</b> 185.24 <b>MF:</b> C<sub>12</sub>H<sub>11</sub>NO</p>	<p><b>PS-29 1-Naphthaleneacetic acid</b> NAA®, Planofix, Fruit Fax® <b>CAS:</b> 86-87-3 <b>LD<sub>50</sub>:</b> 1,000mg/kg <b>MW:</b> 186.22 <b>MF:</b> C<sub>12</sub>H<sub>10</sub>O<sub>2</sub></p>	<p><b>PS-30 Methyl-1-naphthalene acetate</b> 1-Naphthaleneacetic acid methyl ester <b>CAS:</b> 2876-78-0 <b>LD<sub>50</sub>:</b> 2,140mg/kg <b>MW:</b> 200.25 <b>MF:</b> C<sub>13</sub>H<sub>12</sub>O<sub>2</sub></p>	<p><b>PS-31 Chloroacetic acid</b> Monochloroacetic acid <b>CAS:</b> 79-11-8 <b>LD<sub>50</sub>:</b> 76mg/kg <b>MW:</b> 94.50 <b>MF:</b> C<sub>2</sub>H<sub>3</sub>ClO<sub>2</sub></p>
<p><b>PS-32 Dalapon</b> 2,2-Dichloropropionic acid, Dowpon®, Radapon® <b>CAS:</b> 75-99-0 <b>LD<sub>50</sub>:</b> 970mg/kg <b>MW:</b> 142.97 <b>MF:</b> C<sub>3</sub>H<sub>4</sub>Cl<sub>2</sub>O<sub>2</sub></p>	<p><b>PS-33 Chlorthal</b> (ACS Standard Grade) Dimethyl-2,3,5,6-tetrachloroterephthalate Dacthal®, Rid®, Chlorthal-Methyl®, DCPA methyl ester®, Fatal® <b>CAS:</b> 1861-32-1 <b>LD<sub>50</sub>:</b> 3,000mg/kg <b>MW:</b> 331.96 <b>MF:</b> C<sub>10</sub>H<sub>6</sub>Cl<sub>4</sub>O<sub>4</sub></p>	<p><b>PS-34 Trichloroacetic acid</b> TCA <b>CAS:</b> 76-03-9 <b>LD<sub>50</sub>:</b> 3,320mg/kg <b>MW:</b> 163.38 <b>MF:</b> C<sub>2</sub>HCl<sub>3</sub>O<sub>2</sub></p>	<p><b>PS-35 2-Naphthoxyacetic acid</b> <b>CAS:</b> 120-23-0 <b>LD<sub>50</sub>:</b> 600mg/kg <b>MW:</b> 202.22 <b>MF:</b> C<sub>12</sub>H<sub>10</sub>O<sub>3</sub></p>
<p><b>PS-36 Phenoxyacetic acid</b> Phenylum®, Phenoxyethanoic acid, o-Phenylglycolic acid, Phenyl ether glycolic acid <b>CAS:</b> 122-59-8 <b>LD<sub>50</sub>:</b> 3,700mg/kg <b>MW:</b> 152.16 <b>MF:</b> C<sub>8</sub>H<sub>8</sub>O<sub>3</sub></p>	<p><b>PS-37 2-Phenoxypropionic acid</b> <b>CAS:</b> 940-31-8 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 166.19 <b>MF:</b> C<sub>9</sub>H<sub>10</sub>O<sub>3</sub></p>	<p><b>PS-38 o-Chlorophenoxy acetic acid</b> <b>CAS:</b> 614-61-9 <b>LD<sub>50</sub>:</b> 960mg/kg <b>MW:</b> 186.60 <b>MF:</b> C<sub>8</sub>H<sub>7</sub>ClO<sub>3</sub></p>	<p><b>PS-35 2-Naphthoxyacetic acid</b> <b>CAS:</b> 120-23-0 <b>LD<sub>50</sub>:</b> 600mg/kg <b>MW:</b> 202.22 <b>MF:</b> C<sub>12</sub>H<sub>10</sub>O<sub>3</sub></p>
<p><b>PS-36 Phenoxyacetic acid</b> Phenylum®, Phenoxyethanoic acid, o-Phenylglycolic acid, Phenyl ether glycolic acid <b>CAS:</b> 122-59-8 <b>LD<sub>50</sub>:</b> 3,700mg/kg <b>MW:</b> 152.16 <b>MF:</b> C<sub>8</sub>H<sub>8</sub>O<sub>3</sub></p>	<p><b>PS-37 2-Phenoxypropionic acid</b> <b>CAS:</b> 940-31-8 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 166.19 <b>MF:</b> C<sub>9</sub>H<sub>10</sub>O<sub>3</sub></p>	<p><b>PS-38 o-Chlorophenoxy acetic acid</b> <b>CAS:</b> 614-61-9 <b>LD<sub>50</sub>:</b> 960mg/kg <b>MW:</b> 186.60 <b>MF:</b> C<sub>8</sub>H<sub>7</sub>ClO<sub>3</sub></p>	<p><b>PS-36 Phenoxyacetic acid</b> Phenylum®, Phenoxyethanoic acid, o-Phenylglycolic acid, Phenyl ether glycolic acid <b>CAS:</b> 122-59-8 <b>LD<sub>50</sub>:</b> 3,700mg/kg <b>MW:</b> 152.16 <b>MF:</b> C<sub>8</sub>H<sub>8</sub>O<sub>3</sub></p>

Numerical Listing

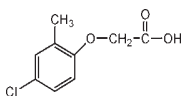
For new pesticides and custom mixtures contact us at +1-610-692-3026 or www.chemservice.com

## Chem Service Pesticide Standards - Numerical Listing

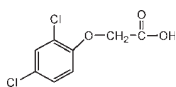
**PS-39**    **p-Chlorophenoxy acetic acid**  
 4-CPA  
**CAS:** 122-88-3    **LD<sub>50</sub>:** 850mg/kg  
**MW:** 186.60        **MF:** C<sub>8</sub>H<sub>7</sub>ClO<sub>3</sub>



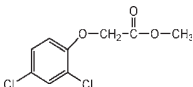
**PS-40**    **4-Chloro-o-tolylxyacetic acid**  
 (4-Chloro-2-methylphenoxy)acetic acid, MCP, MCPA®, Mephance®, 4-Chloro-o-cresoxyacetic acid, Agroxone®, Cornox M®  
**CAS:** 94-75-7    **LD<sub>50</sub>:** 700mg/kg  
**MW:** 200.63        **MF:** C<sub>9</sub>H<sub>7</sub>ClO<sub>3</sub>



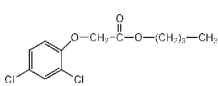
**PS-41**    **2,4-D**  
 (2,4-Dichlorophenoxy)acetic acid, Weedar®, Verton®  
**CAS:** 1928-38-7    **LD<sub>50</sub>:** 370mg/kg  
**MW:** 221.04        **MF:** C<sub>8</sub>H<sub>8</sub>Cl<sub>2</sub>O<sub>3</sub>



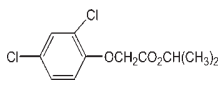
**PS-41-1**    **2,4-D methyl ester**  
 (2,4-Dichlorophenoxy)acetic acid methyl ester  
**CAS:** 1928-38-7    **LD<sub>50</sub>:** N/A  
**MW:** 235.07        **MF:** C<sub>9</sub>H<sub>8</sub>Cl<sub>2</sub>O<sub>3</sub>



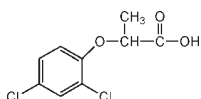
**PS-42**    **2,4-D butyl ester**  
 (2,4-Dichlorophenoxy)acetic acid butyl ester, Butyl-2,4-dichloro phenoxyacetate, Lironox®  
**CAS:** 94-80-4    **LD<sub>50</sub>:** 150mg/kg  
**MW:** 277.16        **MF:** C<sub>12</sub>H<sub>14</sub>Cl<sub>2</sub>O<sub>3</sub>



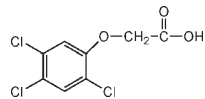
**PS-43**    **2,4-D isopropyl ester**  
 (2,4-Dichlorophenoxy)acetic acid isopropyl ester, Isopropyl-2,4-dichlorophenoxy acetate  
**CAS:** 94-11-1    **LD<sub>50</sub>:** 700mg/kg  
**MW:** 263.13        **MF:** C<sub>11</sub>H<sub>12</sub>Cl<sub>2</sub>O<sub>3</sub>



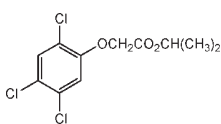
**PS-44**    **Dichlorprop**  
 2-(2,4-Dichlorophenoxy)propionic acid, 2,4-DP®  
**CAS:** 120-36-5    **LD<sub>50</sub>:** 800mg/kg  
**MW:** 235.07        **MF:** C<sub>9</sub>H<sub>8</sub>Cl<sub>2</sub>O<sub>3</sub>



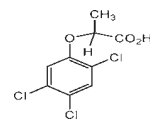
**PS-45**    **2,4,5-T**  
 (2,4,5-Trichlorophenoxy)acetic acid, Weedone  
**CAS:** 93-76-5    **LD<sub>50</sub>:** 300mg/kg  
**MW:** 255.48        **MF:** C<sub>8</sub>H<sub>5</sub>Cl<sub>3</sub>O<sub>3</sub>



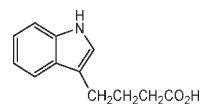
**PS-46**    **2,4,5-T isopropyl ester**  
 Isopropyl-(2,4,5-trichlorophenoxy) acetate, (2,4,5-Trichlorophenoxy) acetic acid isopropyl ester  
**CAS:** 93-78-7    **LD<sub>50</sub>:** N/A  
**MW:** 297.57        **MF:** C<sub>11</sub>H<sub>11</sub>Cl<sub>3</sub>O<sub>3</sub>



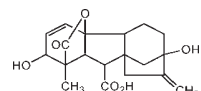
**PS-47**    **Silvex**  
 2-(2,4,5-Trichlorophenoxy)propionic acid, 2,4,5-TCPA, 2,4,5-TP®, Fenoprop®, Kuron®  
**CAS:** 93-72-1    **LD<sub>50</sub>:** 650mg/kg  
**MW:** 269.51        **MF:** C<sub>9</sub>H<sub>7</sub>Cl<sub>3</sub>O<sub>3</sub>



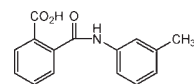
**PS-48**    **3-Indolebutyric acid**  
 Hormodin  
**CAS:** 133-32-4    **LD<sub>50</sub>:** 100mg/kg  
**MW:** 203.26        **MF:** C<sub>12</sub>H<sub>13</sub>NO<sub>2</sub>



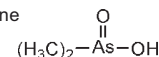
**PS-49**    **Gibberellic acid**  
 Gibberellin X, Pro-Gibb  
**CAS:** 77-06-5    **LD<sub>50</sub>:** N/A  
**MW:** 346.41        **MF:** C<sub>19</sub>H<sub>22</sub>O<sub>6</sub>



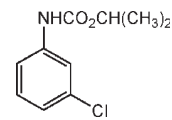
**PS-50**    **N-m-Tolylphthalamic acid**  
 3'-Methylphthalanilic acid, Duraset®, Duraset 20W®  
**CAS:** 85-72-3    **LD<sub>50</sub>:** 5,230mg/kg  
**MW:** 255.29        **MF:** C<sub>15</sub>H<sub>13</sub>NO<sub>3</sub>



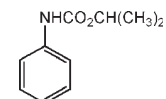
**PS-51**    **Dimethylarsinic acid**  
 Cacodylic acid, Hydroxydimethyl-arsine oxide, Phytar®, Ansar®, Silvisar®, Rad-E-Cate 35®  
**CAS:** 75-60-5    **LD<sub>50</sub>:** 644mg/kg  
**MW:** 138.01        **MF:** C<sub>2</sub>H<sub>7</sub>AsO<sub>2</sub>



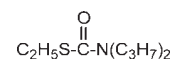
**PS-52**    **Chlorpropham**  
 Isopropyl-N-[m-chlorophenyl] carbamate, CIPC®, Chloro IPC®, Isopropyl-m-chlorocarbamate  
**CAS:** 101-21-3    **LD<sub>50</sub>:** 1,200mg/kg  
**MW:** 213.68        **MF:** C<sub>10</sub>H<sub>12</sub>ClNO<sub>2</sub>



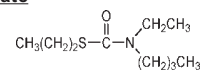
**PS-53**    **Propham**  
 Isopropyl-N-phenylcarbamate, INPC®, IPC®, Iso-PPC®  
**CAS:** 122-42-9    **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 179.24        **MF:** C<sub>10</sub>H<sub>13</sub>NO<sub>2</sub>



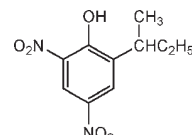
**PS-54**    **S-Ethyl dipropylthiocarbamate**  
 EPTC, Eptam®  
**CAS:** 759-94-4    **LD<sub>50</sub>:** 1,630mg/kg  
**MW:** 189.35        **MF:** C<sub>9</sub>H<sub>19</sub>NOS



**PS-55**    **S-Propyl butylethylthiocarbamate**  
 Tillam®, Pebulate, S-Propyl n-butyl thiolcarbamate, PEBC  
**CAS:** 1114-71-2    **LD<sub>50</sub>:** 921mg/kg  
**MW:** 203.38        **MF:** C<sub>10</sub>H<sub>21</sub>NOS

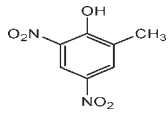
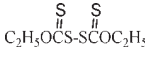
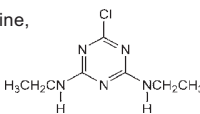
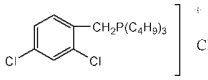
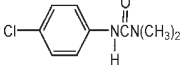

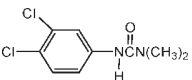
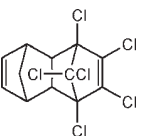
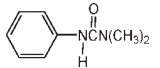
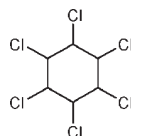
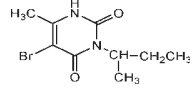
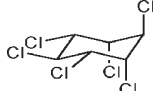
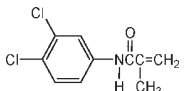
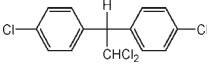
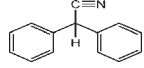
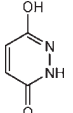


**PS-56**    **Dinoseb**  
 2,4-Dinitro-6-sec-butylphenol, DNBP, Premerge®, NNOSBP®, Elgetol 318®  
**CAS:** 88-85-7    **LD<sub>50</sub>:** 40mg/kg  
**MW:** 240.24        **MF:** C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>



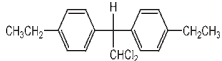
**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

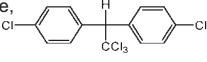
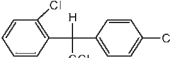
## Chem Service Pesticide Standards - Numerical Listing

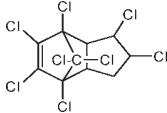
<p><b>PS-57</b>    <b>4,6-Dinitro-o-cresol</b>                      Dekrysil®, Detal®, Dinitrol®,                      DNC, Ditosol®, Effusan®,                      Elgetol® 30, Lipan®, Prokarbol®,                      Sinox®, Antinonin®, DNOc,                      Ibertox®, Trifrina®, Trifocide®  <b>CAS:</b> 534-52-1    <b>LD<sub>50</sub>:</b> 10mg/kg  <b>MW:</b> 198.15    <b>MF:</b> C<sub>7</sub>H<sub>6</sub>N<sub>2</sub>O<sub>5</sub></p> <div style="text-align: center;">  </div>	<p><b>PS-66</b>    <b>Diethyl dithiobis(thionoformate)</b>                      EXD, Auligen, Aulinogen,                      Herbisán 5®, Leniscarin, Bexide®,                      Herbisán®, Sulfasan®,                      Tridex® Herbicide  <b>CAS:</b> 502-55-6    <b>LD<sub>50</sub>:</b> 480mg/kg  <b>MW:</b> 242.40    <b>MF:</b> C<sub>6</sub>H<sub>10</sub>O<sub>2</sub>S<sub>4</sub></p> <div style="text-align: center;">  </div>
<p><b>PS-58</b>    <b>Simazine</b>                      2-Chloro-4,6-bis(ethylamino)-s-triazine,                      Princep®, Gesatop®, Primatol S®,                      Gesapun, Amizine, CDT®, CET®  <b>CAS:</b> 122-34-9    <b>LD<sub>50</sub>:</b> 971mg/kg  <b>MW:</b> 201.69    <b>MF:</b> C<sub>7</sub>H<sub>12</sub>ClN<sub>5</sub></p> <div style="text-align: center;">  </div>	<p><b>PS-67</b>    <b>Phosphan</b>                      Phospon,                      Tributyl[2,4-dichlorobenzyl]                      phosphonium chloride, Phosfon®,                      Chlorphonium chloride  <b>CAS:</b> 115-78-6    <b>LD<sub>50</sub>:</b> 178mg/kg  <b>MW:</b> 397.83    <b>MF:</b> C<sub>19</sub>H<sub>32</sub>Cl<sub>2</sub>PCl</p> <div style="text-align: center;">  </div>
<p><b>PS-59</b>    <b>Monuron</b>                      3-(4-Chlorophenyl)-1,1-dimethylurea,                      CMU®, Telvar®, Chlorea®  <b>CAS:</b> 150-68-5    <b>LD<sub>50</sub>:</b> 3,600mg/kg  <b>MW:</b> 198.67    <b>MF:</b> C<sub>9</sub>H<sub>11</sub>ClN<sub>2</sub>O</p> <div style="text-align: center;">  </div>	<p><b>PS-68</b>    <b>Tributylphosphoro-trithioite</b>                      Folex®, Merphos, Deleaf Defoliant  <b>CAS:</b> 150-50-5    <b>LD<sub>50</sub>:</b> 1,272mg/kg  <b>MW:</b> 298.54    <b>MF:</b> C<sub>12</sub>H<sub>27</sub>PS<sub>3</sub></p> <div style="text-align: center;">  </div>
<p><b>PS-60</b>    <b>Diuron</b>                      3-(3,4-Dichlorophenyl)-1,1-dimethyl                      urea, Karmex®, DCMU, Direx  <b>CAS:</b> 330-54-1    <b>LD<sub>50</sub>:</b> 3,400mg/kg  <b>MW:</b> 233.11    <b>MF:</b> C<sub>9</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>2</sub>O</p> <div style="text-align: center;">  </div>	<p><b>PS-69</b>    <b>Aldrin®</b>                      (ACS Standard Grade)                      1.2.3.4.10.10-Hexachloro-                      1.4.4a.5.8.8a.-hexahydro-endo-                      exo-1.4:5.8-dimethanonaphthalene,                      1.2.3.4.10.10-Hexachloro-                      1.4.4a.5.8.8a-hexahydro-                      1.4-endo-exo-5.8-                      dimethylnaphthalene  <b>CAS:</b> 309-00-2    <b>LD<sub>50</sub>:</b> 39mg/kg  <b>MW:</b> 364.90    <b>MF:</b> C<sub>12</sub>H<sub>8</sub>Cl<sub>6</sub></p> <div style="text-align: center;">  </div>
<p><b>PS-61</b>    <b>1,1-Dimethyl-3-phenylurea</b>                      Fenuron, Dybar®, PDU®  <b>CAS:</b> 101-42-8    <b>LD<sub>50</sub>:</b> 6,400mg/kg  <b>MW:</b> 164.23    <b>MF:</b> C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O</p> <div style="text-align: center;">  </div>	<p><b>PS-70</b>    <b>BHC (mixed isomers)</b>                      1.2.3.4.5.6-Hexachlorocyclohexane,                      Benzene hexachloride  <b>CAS:</b> 608-73-1    <b>LD<sub>50</sub>:</b> 88mg/kg  <b>MW:</b> 290.82    <b>MF:</b> C<sub>6</sub>H<sub>6</sub>Cl<sub>6</sub></p> <div style="text-align: center;">  </div>
<p><b>PS-62</b>    <b>Bromacil</b>                      5-Bromo-3-sec-butyl-6-methyluracil,                      Hyvar®  <b>CAS:</b> 314-40-9    <b>LD<sub>50</sub>:</b> 5,200mg/kg  <b>MW:</b> 261.15    <b>MF:</b> C<sub>9</sub>H<sub>13</sub>BrN<sub>2</sub>O<sub>2</sub></p> <div style="text-align: center;">  </div>	<p><b>PS-71</b>    <b>Lindane</b>                      (ACS Standard Grade)                      g-BHC, Tri-6, Aparasin®, Aphotria,                      Ben-Hex®, HCH®, Gammexane,                      Gexane, Jucutin®, Kewil®,                      Lorexane®, Streunex®, HGI®,                      Isotox®, Lintox®,                      gamma-Benzenehexachloride,                      BHC gamma isomer, gamma-BHC,                      gamma-Hexachlorocyclohexane,                      1.2.3.4.5.6-Hexachlorocyclohexane                      [g-isomer], gamma-HCH  <b>CAS:</b> 58-89-9    <b>LD<sub>50</sub>:</b> 76mg/kg  <b>MW:</b> 290.82    <b>MF:</b> C<sub>6</sub>H<sub>6</sub>Cl<sub>6</sub></p> <div style="text-align: center;">  </div>
<p><b>PS-63</b>    <b>Chloranocryl</b>                      N-(3,4-Dichlorophenyl)methyl                      acrylamide, Dicryl®, 3',4'-Dichloro-                      2-methylacrylanilide  <b>CAS:</b> 2164-09-2    <b>LD<sub>50</sub>:</b> 3,160mg/kg  <b>MW:</b> 230.10    <b>MF:</b> C<sub>10</sub>H<sub>9</sub>Cl<sub>2</sub>NO</p> <div style="text-align: center;">  </div>	<p><b>PS-72</b>    <b>p,p'-DDD</b>                      (ACS Standard Grade)                      1.1-Bis(p-chlorophenyl)-2,2-                      dichloroethane, TDE, Rothane®,                      Dichlorodiphenyl dichloroethane,                      2,2-Bis(p-chlorophenyl)-1,1-                      dichloroethane  <b>CAS:</b> 72-54-8    <b>LD<sub>50</sub>:</b> 113mg/kg  <b>MW:</b> 320.04    <b>MF:</b> C<sub>14</sub>H<sub>10</sub>Cl<sub>4</sub></p> <div style="text-align: center;">  </div>
<p><b>PS-64</b>    <b>Diphenylacetoneitrile</b>                      Diphenatril  <b>CAS:</b> 86-29-3    <b>LD<sub>50</sub>:</b> 3,500mg/kg  <b>MW:</b> 193.26    <b>MF:</b> C<sub>14</sub>H<sub>11</sub>N</p> <div style="text-align: center;">  </div>	
<p><b>PS-65</b>    <b>Maleic hydrazide</b>                      1.2.3.6-Tetrahydro-3,6-dioxypyridazine,                      MH, Malazide, Royal MH-30,                      Slo-Gro, Regulox, Shucker-Stuff,                      6-Hydroxy-3-[2H]-pyridazinone,                      1,2-Dihydro-pyridazine-3,6-dione  <b>CAS:</b> 123-33-1    <b>LD<sub>50</sub>:</b> 38mg/kg  <b>MW:</b> 112.10    <b>MF:</b> C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub></p> <div style="text-align: center;">  </div>	

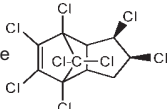
## Chem Service Pesticide Standards - Numerical Listing

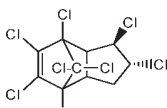
Numerical Listing

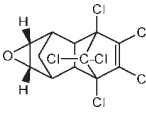
**PS-73** **Perthane**®  
 1.1-Dichloro-2.2-bis(p-ethylphenyl)ethane, 2.2-Bis(p-ethylphenyl)-1.1-dichloroethane  
  
**CAS:** 72-56-0    **LD<sub>50</sub>:** 8,170mg/kg  
**MW:** 307.28    **MF:** C<sub>18</sub>H<sub>20</sub>Cl<sub>2</sub>

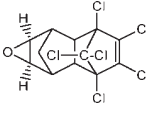
**PS-74** **DDT (mixture p,p' & o,p')**  
 DDT, Dichlorodiphenyltrichloroethane, Chlorophenothan, Dicophane®, Gesarol®, Neocid®, Pentachlorin®  
  
 1.1.1-Trichloro-2.2-di(4-chlorophenyl)ethane and Guesarol®, Genitox®, Anofex®  
  
**CAS:** 8017-34-3    **LD<sub>50</sub>:** 50mg/kg  
**MW:** 354.48    **MF:** C<sub>14</sub>H<sub>9</sub>Cl<sub>5</sub>

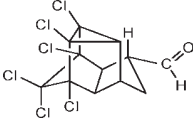
**PS-75** **Chlordane**  
 1.2.4.5.6.7.8.8-Octachloro-3a.4.7.7a-tetrahydro-4.7-methanoindene, CD-68®, Toxichlor®, Velsicol 1068®, Octachlor®, Octa-Klor®, 1.2.4.5.6.7.8.8-Octachloro-4.7-methane-3a.4.7.7a-tetrahydroindane  
  
**CAS:** 57-74-9    **LD<sub>50</sub>:** 367mg/kg  
**MW:** 409.76    **MF:** C<sub>10</sub>H<sub>6</sub>Cl<sub>8</sub>

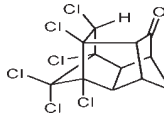
**PS-75-1** **cis-Chlordane**  
 (ACS Standard Grade)  
 alpha-Chlordane, alpha(cis)-Chlordane  
  
**CAS:** 5103-71-9    **LD<sub>50</sub>:** 500mg/kg  
**MW:** 409.76    **MF:** C<sub>10</sub>H<sub>6</sub>Cl<sub>8</sub>

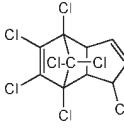
**PS-75-2** **trans-Chlordane**  
 (ACS Standard Grade)  
 beta-Chlordane  
  
**CAS:** 5103-74-2    **LD<sub>50</sub>:** 275mg/kg  
**MW:** 409.76    **MF:** C<sub>10</sub>H<sub>6</sub>Cl<sub>8</sub>

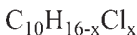
**PS-76** **Dieldrin**  
 (ACS Standard Grade)  
 1.2.3.4.10.10-Hexachloro-6.7-epoxy-1.4.4a.5.6.7.8.8a-octahydro-endo-exo-1.4.5.8-dimethanonaphthalene, HEOD, Octalox®  
  
**CAS:** 60-57-1    **LD<sub>50</sub>:** 50mg/kg  
**MW:** 380.90    **MF:** C<sub>12</sub>H<sub>8</sub>Cl<sub>6</sub>O

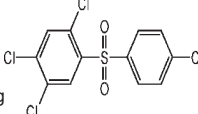
**PS-77** **Endrin**  
 (ACS Standard Grade)  
 1.2.3.4.10.10-Hexachloro-6.7-epoxy-1.4.4a.5.6.7.8.8a-octahydro-1.4-endo-endo-5.8-dimethanonaphthalene  
  
**CAS:** 72-20-8    **LD<sub>50</sub>:** 7mg/kg  
**MW:** 380.90    **MF:** C<sub>12</sub>H<sub>8</sub>Cl<sub>6</sub>O

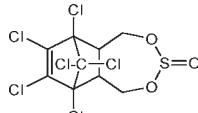
**PS-77-1** **Endrin aldehyde**  
 (ACS Standard Grade)  
 2.2a.3.3.4.7-Hexachlorodecahydro-1.2.4-metheno-cyclopenta(c,d)pentalone-5-carboxaldehyde  
  
**CAS:** 7421-93-4    **LD<sub>50</sub>:** 500mg/kg  
**MW:** 380.91    **MF:** C<sub>12</sub>H<sub>8</sub>Cl<sub>6</sub>O

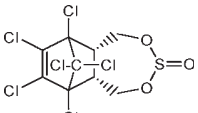
**PS-77-2** **Endrin ketone**  
 (ACS Standard Grade)  
 3b.4.5.6.6.6a-Hexachlorodecahydro-2.5.7-metheno-3H-cyclopenta(a)pentalone-3-one  
  
**CAS:** 53494-70-5    **LD<sub>50</sub>:** N/A  
**MW:** 380.90    **MF:** C<sub>12</sub>H<sub>8</sub>Cl<sub>6</sub>O

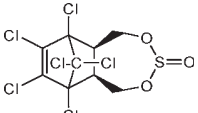
**PS-78** **Heptachlor**  
 (ACS Standard Grade)  
 1.4.5.6.7.8.8-Heptachloro-3a.4.7.7a-tetrahydro-4.7-methanoindene, Drinox®  
  
**CAS:** 76-44-8    **LD<sub>50</sub>:** 40mg/kg  
**MW:** 373.30    **MF:** C<sub>10</sub>H<sub>6</sub>Cl<sub>7</sub>

**PS-79** **Toxaphene**®  
 Camphechlor, Chlorinated camphene, Geniphene®, Penphene®, Phenacide®, Phenetox®, Toxakil®, Alltex®, Polychlorobicyclic terpenes  
  
**CAS:** 8001-35-2    **LD<sub>50</sub>:** 69mg/kg  
**MW:** 413.80    **MF:** C<sub>10</sub>H<sub>16-x</sub>Cl<sub>x</sub>

**PS-80** **Tetradifon**  
 p-Chlorophenyl-2.4.5-trichlorophenyl sulfone, Tediion V-18®, Duphar®, 2.4.4'.5-Tetrachlorodiphenyl sulfone  
  
**CAS:** 116-29-0    **LD<sub>50</sub>:** 14,700mg/kg  
**MW:** 356.04    **MF:** C<sub>12</sub>H<sub>6</sub>Cl<sub>4</sub>O<sub>2</sub>S

**PS-81** **Endosulfan**  
 1.4.5.6.7.7-Hexachloro-5-norbornene-2.3-dimethanol cyclic sulfite, Chlorthiepin®, Malix®, Thiodan®, Cyclodan®, Beosit®, Thimul®, Thifor®, 6.7.8.9.10.10-Hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin-3-oxide  
  
**CAS:** 115-29-7    **LD<sub>50</sub>:** 23mg/kg  
**MW:** 406.91    **MF:** C<sub>9</sub>H<sub>6</sub>Cl<sub>6</sub>O<sub>3</sub>S

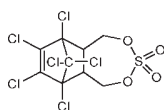
**PS-81-1** **Endosulfan (alpha isomer)**  
 (ACS Standard Grade)  
 6.7.8.9.10.10-Hexachloro-1.5.5a.6.9.9a-hexahydro-6.9-methano-2.4.3-benzodioxathiepin-3-oxide, alpha isomer, Endosulfan I  
  
**CAS:** 959-98-8    **LD<sub>50</sub>:** 76mg/kg  
**MW:** 406.91    **MF:** C<sub>9</sub>H<sub>6</sub>Cl<sub>6</sub>O<sub>3</sub>S

**PS-81-2** **Endosulfan (beta isomer)**  
 (ACS Standard Grade)  
 6.7.8.9.10.10-Hexachloro-1.5.5a.6.9.9a-hexahydro-6.9-methano-2.4.3-benzodioxathiepin-3-oxide, beta isomer, Endosulfan II  
  
**CAS:** 33213-65-9    **LD<sub>50</sub>:** 240mg/kg  
**MW:** 406.91    **MF:** C<sub>9</sub>H<sub>6</sub>Cl<sub>6</sub>O<sub>3</sub>S

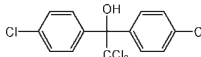
**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

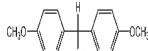
**PS-81-3 Endosulfan sulfate**  
(ACS Standard Grade)  
6.7.8.9.10.10-Hexachloro-1.5.5a.6.9.9a-hexahydro-6.9-methano-2.4.3-benzodioxathiepin-3.3-dioxide  
**CAS:** 1031-07-8 **LD<sub>50</sub>:** 18mg/kg  
**MW:** 422.93 **MF:** C<sub>9</sub>H<sub>6</sub>Cl<sub>6</sub>O<sub>4</sub>S



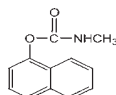
**PS-82 Kelthane®**  
(ACS Standard Grade)  
4.4'-Dichloro-a-[trichloromethyl]benzhydrol, Dicofol, 1.1-Bis(p-chlorophenyl)-2.2.2-trichloroethanol, Di(p-chlorophenyl)trichloromethylcarbinol  
**CAS:** 115-32-2 **LD<sub>50</sub>:** 668mg/kg  
**MW:** 370.48 **MF:** C<sub>14</sub>H<sub>9</sub>Cl<sub>5</sub>O



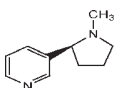
**PS-83 Methoxychlor**  
(ACS Standard Grade)  
1.1.1-Trichloro-2.2-bis(p-methoxyphenyl)ethane, DMTD, Marlata®, Methoxy-DDT®, Dimethoxy-DT®, Dianisyl trichloroethane  
**CAS:** 72-43-5 **LD<sub>50</sub>:** 1,855mg/kg  
**MW:** 345.66 **MF:** C<sub>16</sub>H<sub>15</sub>Cl<sub>3</sub>O<sub>2</sub>



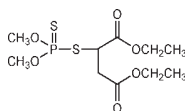
**PS-84 Carbaryl**  
1-Naphthyl-N-methylcarbamate, Sevin®, Arylam®  
**CAS:** 63-25-2 **LD<sub>50</sub>:** 250mg/kg  
**MW:** 201.24 **MF:** C<sub>12</sub>H<sub>11</sub>NO<sub>2</sub>



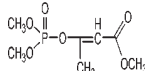
**PS-85 Nicotine**  
1-Methyl-2-[3-pyridyl]pyrrolidine, Black Leaf 40  
**CAS:** 54-11-5 **LD<sub>50</sub>:** 50mg/kg  
**MW:** 162.26 **MF:** C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>



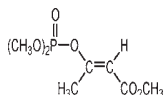
**PS-86 Malathion**  
(ACS Standard Grade)  
S-[1,2-Dicarbethoxyethyl]-O,O-dimethyl-dithiophosphate, Cythion®, Phosphothion®, Malathon®, Malathiozol®, Malathiozoo®, Malaspray®, Chemathion®  
**CAS:** 121-75-5 **LD<sub>50</sub>:** 290mg/kg  
**MW:** 330.38 **MF:** C<sub>10</sub>H<sub>19</sub>O<sub>6</sub>PS<sub>2</sub>



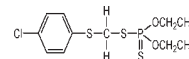
**PS-87 Phosdrin®**  
2-Carbomethoxy-1-methylvinyl dimethyl-phosphate, Mevinphos, 3-Hydroxy-crotonic acid methyl ester dimethyl phosphate  
**CAS:** 7786-34-7 **LD<sub>50</sub>:** 3mg/kg  
**MW:** 224.17 **MF:** C<sub>7</sub>H<sub>13</sub>O<sub>6</sub>P



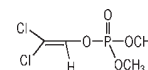
**PS-87-1 cis-Mevinphos**  
cis-Duraphos®, cis-Mevirdin®, alpha-Mevinphos, (E)-Mevinphos, cis-Phosdrin®, (E)-Methyl ester-3-((dimethoxyphosphinyl)oxy)-2-Butenoic acid  
**CAS:** 26718-65-0 **LD<sub>50</sub>:** 3mg/kg  
**MW:** 224.17 **MF:** C<sub>7</sub>H<sub>13</sub>O<sub>6</sub>P



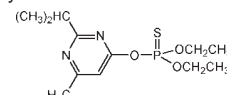
**PS-88 Carbophenothion**  
S-[[[(4-chlorophenyl)thio]methyl]O,O-Diethyl phosphorodithioate, Trithion®, Garrathion®, Phencapton®, S-[[[(p-Chlorophenyl)thio]methyl]-O,O-diethyl phosphorodithioate  
**CAS:** 786-19-6 **LD<sub>50</sub>:** 7mg/kg  
**MW:** 342.87 **MF:** C<sub>11</sub>H<sub>16</sub>ClO<sub>2</sub>PS<sub>3</sub>



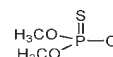
**PS-89 Dichlorvos**  
(ACS Standard Grade)  
2,2-Dichlorovinyl dimethylphosphate, DDVP®, Nerkol®, Vapona®, DDVF®, Nogos®, Nuvan®, Dedevar®, Herkol®, Oko®, Mafu®  
**CAS:** 62-73-7 **LD<sub>50</sub>:** 17mg/kg  
**MW:** 220.98 **MF:** C<sub>7</sub>H<sub>7</sub>Cl<sub>2</sub>O<sub>4</sub>P



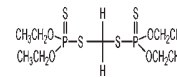
**PS-90 Diazinon**  
(ACS Standard Grade)  
O,O-Diethyl-O-[2-isopropyl-4-methyl-6-pyrimidyl]phosphorothioate, Sarolex®, Basudin®, Neocidol, Alfa-Tox®, Spectacide®, Nucidol®  
**CAS:** 333-41-5 **LD<sub>50</sub>:** 66mg/kg  
**MW:** 304.38 **MF:** C<sub>12</sub>H<sub>21</sub>N<sub>2</sub>O<sub>3</sub>PS



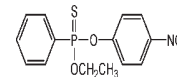
**PS-91 O,O-Dimethyl phosphorochloridothioate**  
Dimethyl phosphorochloridothioate, Dimethyl chlorothiophosphate  
**CAS:** 2524-03-0 **LD<sub>50</sub>:** 340mg/kg  
**MW:** 160.56 **MF:** C<sub>2</sub>H<sub>6</sub>ClO<sub>2</sub>PS



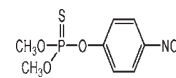
**PS-92 Ethion**  
S,S'-Methylene bis[O,O-diethyl phosphorodithioate], Nialate®, Ethyl methylene phosphorodithioate  
**CAS:** 563-12-2 **LD<sub>50</sub>:** 13mg/kg  
**MW:** 384.49 **MF:** C<sub>9</sub>H<sub>22</sub>O<sub>4</sub>P<sub>2</sub>S<sub>4</sub>



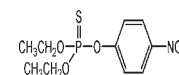
**PS-93 EPN**  
O-Ethyl-O-p-nitrophenyl phenyl thiophosphonate, O-Ethyl-O-p-nitrophenyl phenylphosphonothioate  
**CAS:** 2104-64-5 **LD<sub>50</sub>:** 8mg/kg  
**MW:** 323.32 **MF:** C<sub>14</sub>H<sub>14</sub>NO<sub>4</sub>PS



**PS-94 Methyl parathion**  
(ACS Standard Grade)  
O,O-Dimethyl-O-p-nitrophenyl phosphorothioate, Dimethyl parathion Nitrox 80®, Dalf®, Folidol-M®, Metacide®, MPT®, Paridol®, Metron®, Nitran, Parton®,  
**CAS:** 298-00-0 **LD<sub>50</sub>:** 6mg/kg  
**MW:** 263.22 **MF:** C<sub>8</sub>H<sub>10</sub>NO<sub>5</sub>PS



**PS-95 Parathion®**  
(ACS Standard Grade)  
O,O-Diethyl-O-p-nitrophenyl phosphorothioate, Alkron®, Aphamite®, Etilon®, Niran®, Paraphos®, Ethyl parathion®, Folidol®, Orthophos®, Thiophos®, Fosferno®, Bladan®, SNP®  
**CAS:** 56-38-2 **LD<sub>50</sub>:** 2mg/kg  
**MW:** 291.28 **MF:** C<sub>10</sub>H<sub>14</sub>NO<sub>5</sub>PS

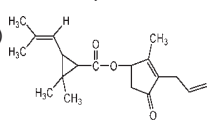
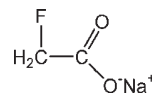
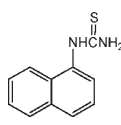
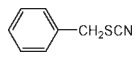
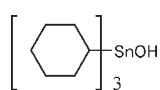
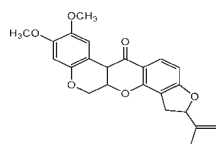
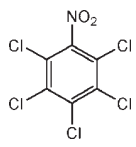
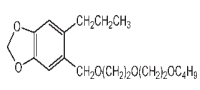
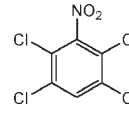
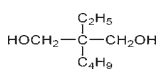
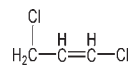
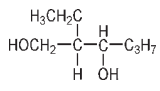
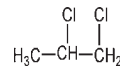
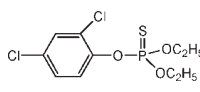
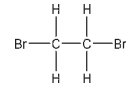
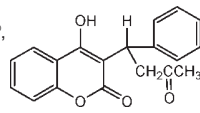
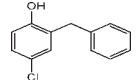



Numerical Listing

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## Chem Service Pesticide Standards - Numerical Listing

Numerical Listing

<b>PS-96</b>	<b>Allethrin (0.1mg/ml in Methylene chloride)</b> 2,2-Dimethyl-3-[2-methylpropenyl]cyclopropane carboxylic acid ester of 2-allyl-4-hydroxy-3-methyl-2'-cyclopenten-1-on, Pyresyn® <b>CAS:</b> 584-79-2 <b>LD<sub>50</sub>:</b> 920mg/kg <b>MW:</b> 302.45 <b>MF:</b> C <sub>19</sub> H <sub>26</sub> O <sub>3</sub>		<b>PS-105</b>	<b>Sodium fluoroacetate</b> Fluoroacetic acid sodium salt, Fratol <b>CAS:</b> 62-74-8 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 100.03 <b>MF:</b> C <sub>2</sub> H <sub>2</sub> FO <sub>2</sub> Na	
<b>PS-97</b>	<b>Pyrethrum</b> <b>CAS:</b> 8003-34-7 <b>LD<sub>50</sub>:</b> 584mg/kg <b>MW:</b> N/A <b>MF:</b> N/A	Structure Not Available	<b>PS-106</b>	<b>a-Naphthylthiourea</b> ANTU, Chemical 109®, a-Naphthylthiocarbamide, Anturat®, Bantu®, Rattrack® <b>CAS:</b> 86-88-4 <b>LD<sub>50</sub>:</b> 6mg/kg <b>MW:</b> 202.29 <b>MF:</b> C <sub>11</sub> H <sub>10</sub> N <sub>2</sub> S	
<b>PS-98</b>	<b>Benzyl thiocyanate</b> Benzyl rhodanide <b>CAS:</b> 3012-37-1 <b>LD<sub>50</sub>:</b> 40mg/kg <b>MW:</b> 149.22 <b>MF:</b> C <sub>8</sub> H <sub>7</sub> NS		<b>PS-107</b>	<b>Tricyclohexyltin hydroxide</b> Plictran®, Cyhexatin <b>CAS:</b> 13121-70-5 <b>LD<sub>50</sub>:</b> 190mg/kg <b>MW:</b> 385.21 <b>MF:</b> C <sub>18</sub> H <sub>34</sub> OSn	
<b>PS-99</b>	<b>Rotenone</b> Protex®, 1,2,12,12a-Tetrahydro-2-isopropenyl-8,9-dimethoxy-[1]benzopyrano-[3,4-b]furo[2,3-h][1]benzopyran-6[6aH]-one <b>CAS:</b> 83-79-4 <b>LD<sub>50</sub>:</b> 60mg/kg <b>MW:</b> 394.45 <b>MF:</b> C <sub>23</sub> H <sub>22</sub> O <sub>6</sub>		<b>PS-150</b>	<b>Pentachloronitrobenzene</b> Quintozene, PCNB®, Brassicol®, Terraclor®, Tritisan®, Folosan® <b>CAS:</b> 82-68-8 <b>LD<sub>50</sub>:</b> 1,650mg/kg <b>MW:</b> 295.32 <b>MF:</b> C <sub>6</sub> Cl <sub>5</sub> NO <sub>2</sub>	
<b>PS-100</b>	<b>Piperonyl butoxide</b> Butacide®, Butoxide®, 3,4-Methylene-dioxy-6-propylbenzyl n-butyl diethylene glycol ether <b>CAS:</b> 51-03-6 <b>LD<sub>50</sub>:</b> 6,150mg/kg <b>MW:</b> 338.49 <b>MF:</b> C <sub>19</sub> H <sub>30</sub> O <sub>5</sub>		<b>PS-151</b>	<b>1,2,4,5-Tetrachloro-3-nitrobenzene</b> 2,3,5,6-Tetrachloronitrobenzene, Tecnazene, Fusarex®, TCNB®, Fumite® <b>CAS:</b> 117-18-0 <b>LD<sub>50</sub>:</b> 7,500mg/kg <b>MW:</b> 260.88 <b>MF:</b> C <sub>6</sub> HCl <sub>4</sub> NO <sub>2</sub>	
<b>PS-101</b>	<b>2-Butyl-2-ethyl-1,3-propanediol</b> 2-Ethyl-2-butyl-1,3-propanediol <b>CAS:</b> 115-84-4 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 160.29 <b>MF:</b> C <sub>9</sub> H <sub>20</sub> O <sub>2</sub>		<b>PS-152</b>	<b>1,3-Dichloropropene</b> Telone®, Dichloropropylene, Dichloropropene, a-Chloroallyl chloride <b>CAS:</b> 542-75-6 <b>LD<sub>50</sub>:</b> 250mg/kg <b>MW:</b> 110.97 <b>MF:</b> C <sub>3</sub> H <sub>4</sub> Cl <sub>2</sub>	
<b>PS-102</b>	<b>2-Ethyl-1,3-hexanediol</b> Ethyl hexanediol, Octylene glycol®, Ethohexadiol® <b>CAS:</b> 94-96-2 <b>LD<sub>50</sub>:</b> 1,400mg/kg <b>MW:</b> 146.26 <b>MF:</b> C <sub>8</sub> H <sub>18</sub> O <sub>2</sub>		<b>PS-153</b>	<b>1,2-Dichloropropane</b> <b>CAS:</b> 78-87-5 <b>LD<sub>50</sub>:</b> 1,947mg/kg <b>MW:</b> 112.9 <b>MF:</b> C <sub>3</sub> H <sub>6</sub> Cl <sub>2</sub>	
<b>PS-103</b>	<b>Dichlofenthion</b> O-(2,4-Dichlorophenyl)-O,O-diethylphosphorothioate, Nemacide VC-13®, Mobilan® <b>CAS:</b> 97-17-6 <b>LD<sub>50</sub>:</b> 270mg/kg <b>MW:</b> 315.16 <b>MF:</b> C <sub>10</sub> H <sub>13</sub> Cl <sub>2</sub> O <sub>3</sub> S		<b>PS-154</b>	<b>1,2-Dibromoethane</b> Ethylenedibromide, EDB, Bromofume®, Dibromoethane, Pestmaster EDB-85®, Soilbrom-85® <b>CAS:</b> 106-93-4 <b>LD<sub>50</sub>:</b> 108mg/kg <b>MW:</b> 187.88 <b>MF:</b> C <sub>2</sub> H <sub>4</sub> Br <sub>2</sub> <b>CAS:</b> 533-74-4 <b>LD<sub>50</sub>:</b> 363mg/kg <b>MW:</b> 162.29 <b>MF:</b> C <sub>3</sub> H <sub>10</sub> N <sub>2</sub> S <sub>2</sub>	
<b>PS-104</b>	<b>Warfarin</b> 3-(a-Acetylbenzyl)-4-hydroxycoumarin, Warf®, Coumadin®, Warf Compound 42®, Athrombine-K®, Coumafene®, Coumaphene®, Dethmor®, Zoocoumarin, Prolin®, Kypfarin® <b>CAS:</b> 81-81-2 <b>LD<sub>50</sub>:</b> 3mg/kg <b>MW:</b> 308.35 <b>MF:</b> C <sub>19</sub> H <sub>16</sub> O <sub>4</sub>		<b>PS-170</b>	<b>o-Benzyl-p-chlorophenol</b> o-Benzyl-p-chlorophenol, Stanophen No. 1® <b>CAS:</b> 120-32-1 <b>LD<sub>50</sub>:</b> 2,800mg/kg <b>MW:</b> 218.69 <b>MF:</b> C <sub>13</sub> H <sub>11</sub> ClO	
			<b>PS-171</b>	<b>Hexachlorodimethyl sulfone</b> Bis(trichloromethyl)sulfone <b>CAS:</b> 3064-70-8 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 300.7 <b>MF:</b> C <sub>2</sub> SO <sub>2</sub> Cl <sub>6</sub>	

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

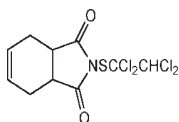
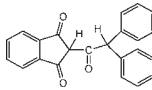
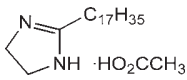
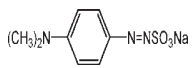
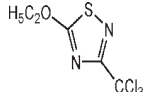
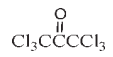
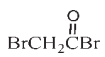
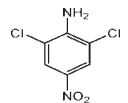
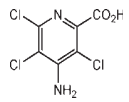
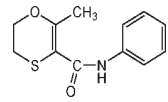
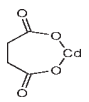
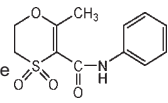
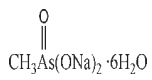
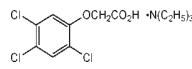
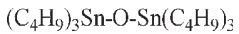
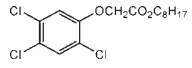
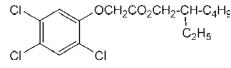
## Chem Service Pesticide Standards - Numerical Listing

<p><b>PS-199 Phenylmercuric oleate</b>  <b>CAS:</b> 104-60-9 <b>LD<sub>50</sub>:</b> N/A  <b>MW:</b> 559.21 <b>MF:</b> C<sub>24</sub>H<sub>38</sub>HgO<sub>2</sub></p>	<p><b>PS-223 Thiophanate</b>  Diethyl 4,4'-o-phenylenebis  (3-thioallophanate), Topsin E,  Cercobin, 1,2-Bis(3-ethoxycarbonyl  -2-thioureido) benzene  <b>CAS:</b> 23564-06-9 <b>LD<sub>50</sub>:</b> 15,000mg/kg  <b>MW:</b> 370.48 <b>MF:</b> C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub></p>
<p><b>PS-202 Phenylmercury nitrate</b>  Merphenyl nitrate, Phermernite®,  Phenmerzyl nitrate®,  <b>CAS:</b> 55-68-5 <b>LD<sub>50</sub>:</b> 63mg/kg  <b>MW:</b> 339.71 <b>MF:</b> C<sub>6</sub>H<sub>5</sub>HgNO<sub>3</sub></p>	<p><b>PS-224 Perchloromethyl mercaptan</b>  Clairsit®, Mercaptan methylique  perchlore, Trichloromethylsulfenyl  chloride, Perchlormethylmerkaptan,  Trichloromethane sulfenyl chloride,  Trichloromethanesulphenyl chloride,  Trichloromethylsulphenyl chloride  <b>CAS:</b> 594-42-3 <b>LD<sub>50</sub>:</b> 83mg/kg  <b>MW:</b> 185.87 <b>MF:</b> CCl<sub>4</sub>S</p>
<p><b>PS-203 Phenylmercury borate</b>  [Dihydrogen borato]phenyl mercury,  Corubex®, Famosept®, Merfen®,  Phenyl mercuric borate,  Phenylmercuriborate  <b>CAS:</b> 102-98-7 <b>LD<sub>50</sub>:</b> N/A  <b>MW:</b> 338.53 <b>MF:</b> C<sub>6</sub>H<sub>5</sub>BHgO<sub>3.2</sub>H</p>	<p><b>PS-225 Polyram®</b>  Metiram  <b>CAS:</b> 9006-42-2 <b>LD<sub>50</sub>:</b> 10,000mg/kg  <b>MW:</b> N/A <b>MF:</b> (C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>S<sub>2</sub>Zn)<sub>n</sub></p>
<p><b>PS-205 Phenylmercury salicylate</b>  Phenyl[salicyloyloxy]mercury  <b>CAS:</b> 28086-13-7 <b>LD<sub>50</sub>:</b> N/A  <b>MW:</b> 414.72 <b>MF:</b> C<sub>13</sub>H<sub>10</sub>O<sub>3</sub>Hg</p>	<p><b>PS-227 Vanicide-20S®</b>  2-Mercaptobenzothiazole  monoethanolamine salt  <b>CAS:</b> N/A <b>LD<sub>50</sub>:</b> 3,120mg/kg  <b>MW:</b> 228.35 <b>MF:</b> C<sub>7</sub>H<sub>5</sub>NS<sub>2</sub>·C<sub>2</sub>H<sub>7</sub>NO</p>
<p><b>PS-209 Ethylmercuric chloride</b>  Chloroethylmercury, Ceresan®  <b>CAS:</b> 107-27-7 <b>LD<sub>50</sub>:</b> 40mg/kg  <b>MW:</b> 265.11 <b>MF:</b> C<sub>2</sub>H<sub>5</sub>ClHg</p> <p style="text-align: center; font-size: 1.2em;">CH<sub>3</sub>CH<sub>2</sub>HgCl</p>	<p><b>PS-228 Amobam®</b>  Ethylene bis(dithiocarbamic acid)  diammonium salt, Chem-O-Bam®  <b>CAS:</b> 3566-10-7 <b>LD<sub>50</sub>:</b> 395mg/kg  <b>MW:</b> 246.46 <b>MF:</b> C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>S<sub>4</sub>·H<sub>3</sub>N</p>
<p><b>PS-214 Phenyl mercuric chloride</b>  <b>CAS:</b> 100-56-1 <b>LD<sub>50</sub>:</b> 60mg/kg  <b>MW:</b> 313.14 <b>MF:</b> C<sub>6</sub>H<sub>5</sub>ClHg</p>	<p><b>PS-230 Thiophanate-methyl</b>  Dimethyl(1,2-phenylene)bis  (iminocarbonothioyl)bis(carbamate),  Dimethyl-4,4'-o-phenylenebis-  (3-thioallophanate), Cercobin-M®,  Fungitox®, Labilite®, Mildothane,  Sigma, Topsin M®  <b>CAS:</b> 23564-05-8 <b>LD<sub>50</sub>:</b> 7,500mg/kg  <b>MW:</b> 342.42 <b>MF:</b> C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>S<sub>2</sub></p>
<p><b>PS-215 Phenyl mercuric hydroxide</b>  <b>CAS:</b> 100-57-2 <b>LD<sub>50</sub>:</b> 18mg/kg  <b>MW:</b> 294.71 <b>MF:</b> C<sub>6</sub>H<sub>5</sub>HgO</p>	<p><b>PS-250 Diodine</b>  n-Dodecylguanidine acetate,  Cyprex®, Melprex®, Cupene®,  Laurylguanidine acetate  <b>CAS:</b> 2439-10-3 <b>LD<sub>50</sub>:</b> 1,000mg/kg  <b>MW:</b> 287.51 <b>MF:</b> C<sub>13</sub>H<sub>29</sub>N<sub>3</sub>·C<sub>2</sub>H<sub>4</sub>O<sub>2</sub></p>
<p><b>PS-216 Phenyl mercuric lactate</b>  (Lactoyloxy)phenylmercury  <b>CAS:</b> N/A <b>LD<sub>50</sub>:</b> 24mg/kg  <b>MW:</b> 366.68 <b>MF:</b> C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>Hg</p>	<p><b>PS-255 Chloroneb</b>  (ACS Standard Grade)  1,4-Dichloro-2,5-dimethoxybenzene,  Demosan®, Tersan SP®,  Soil Fungicide 1823®  <b>CAS:</b> 2675-77-6 <b>LD<sub>50</sub>:</b> 11,000mg/kg  <b>MW:</b> 207.06 <b>MF:</b> C<sub>8</sub>H<sub>8</sub>Cl<sub>2</sub>O<sub>2</sub></p>
<p><b>PS-217 Phenyl mercuric phthalate</b>  <b>CAS:</b> N/A <b>LD<sub>50</sub>:</b> N/A  <b>MW:</b> 442.82 <b>MF:</b> C<sub>14</sub>H<sub>10</sub>O<sub>4</sub>Hg</p>	<p><b>PS-220 Nabam</b>  Disodium ethylene bis[dithiocarbamate]  Dithane S®, Parzate Liquid®,  Chem Bam®  <b>CAS:</b> 142-59-6 <b>LD<sub>50</sub>:</b> 395mg/kg  <b>MW:</b> 256.34 <b>MF:</b> C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>S<sub>4</sub>·2Na</p>
<p><b>PS-221 Metham sodium</b>  Sodium methyl dithiocarbamate,  Vapam®, VPM®, Metam®,  SMDC, Trimaton®  <b>CAS:</b> 6734-80-1 <b>LD<sub>50</sub>:</b> 820mg/kg  <b>MW:</b> 165.22 <b>MF:</b> C<sub>2</sub>H<sub>4</sub>NS<sub>2</sub>Na·2H<sub>2</sub>O</p> <p style="text-align: center; font-size: 1.2em;">CH<sub>3</sub>NHCSNa · 2H<sub>2</sub>O</p>	<p><b>PS-222 Benomyl</b>  Methyl-1-[butylcarbamoyl]-2-  benzimidazole carbamate,  Benlate®  <b>CAS:</b> 17804-35-2 <b>LD<sub>50</sub>:</b> 9,590mg/kg  <b>MW:</b> 290.36 <b>MF:</b> C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub></p>



## Chem Service Pesticide Standards - Numerical Listing

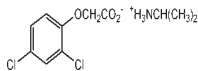
Numerical Listing

<p><b>PS-260</b></p>	<p><b>Captafol</b> N-(1.1.2.2.-Tetrachloroethylthio)-4-cyclohexene-1,2-dicarboximide, Difolatan®, Folcid® <b>CAS:</b> 2425-06-1 <b>LD<sub>50</sub>:</b> 5,000mg/kg <b>MW:</b> 349.06 <b>MF:</b> C<sub>10</sub>H<sub>9</sub>Cl<sub>4</sub>NO<sub>2</sub>S</p>		<p><b>PS-288</b></p>	<p><b>Diphacinone</b> 2-Diphenylacetyl-1,3-indandione <b>CAS:</b> 82-66-6 <b>LD<sub>50</sub>:</b> 2mg/kg <b>MW:</b> 340.39 <b>MF:</b> C<sub>23</sub>H<sub>16</sub>O<sub>3</sub></p>	
<p><b>PS-261</b></p>	<p><b>Glyodin</b> 2-Heptadecyl-2-imidazoline acetate, Glyoxide®, Crag Fruit Fungicide 341® <b>CAS:</b> 556-22-9 <b>LD<sub>50</sub>:</b> 4,600mg/kg <b>MW:</b> 368.68 <b>MF:</b> C<sub>20</sub>H<sub>40</sub>N<sub>2</sub>·C<sub>2</sub>H<sub>4</sub>O<sub>2</sub></p>		<p><b>PS-289</b></p>	<p><b>Potassium cyanate</b> <b>CAS:</b> 590-28-3 <b>LD<sub>50</sub>:</b> 841mg/kg <b>MW:</b> 81.12 <b>MF:</b> CNOK</p>	<p>KOCN</p>
<p><b>PS-262</b></p>	<p><b>Dexon</b>® p-Dimethylaminobenzenediazo sulfonic acid, sodium salt, Fenaminosulf <b>CAS:</b> 140-56-7 <b>LD<sub>50</sub>:</b> 60mg/kg <b>MW:</b> 251.26 <b>MF:</b> C<sub>8</sub>H<sub>10</sub>N<sub>3</sub>O<sub>3</sub>S.Na</p>		<p><b>PS-290</b></p>	<p><b>Lead arsenate</b> <b>CAS:</b> 7784-40-9 <b>LD<sub>50</sub>:</b> 100mg/kg <b>MW:</b> 347.12 <b>MF:</b> PbAsO<sub>4</sub></p>	<p>Pb HAsO<sub>4</sub></p>
<p><b>PS-264</b></p>	<p><b>Terrazole</b>® 5-Ethoxy-3-trichloromethyl-1,2,4-thiadiazole, Super X, Etridiazole <b>CAS:</b> 2593-15-9 <b>LD<sub>50</sub>:</b> 1,077mg/kg <b>MW:</b> 247.53 <b>MF:</b> C<sub>5</sub>H<sub>5</sub>Cl<sub>3</sub>N<sub>2</sub>OS</p>		<p><b>PS-291</b></p>	<p><b>Ammonium fluosilicate</b> <b>CAS:</b> 16919-19-0 <b>LD<sub>50</sub>:</b> 100mg/kg <b>MW:</b> 178.19 <b>MF:</b> F<sub>6</sub>Si<sub>2</sub>NH<sub>4</sub></p>	<p>(NH<sub>4</sub>)<sub>2</sub>SiF<sub>6</sub></p>
<p><b>PS-272</b></p>	<p><b>Hexachloroacetone</b> Hexachloro-2-propanone, HCA <b>CAS:</b> 116-16-5 <b>LD<sub>50</sub>:</b> 1,550mg/kg <b>MW:</b> 264.73 <b>MF:</b> C<sub>3</sub>Cl<sub>6</sub>O</p>		<p><b>PS-292</b></p>	<p><b>Copper oxychloride</b> <b>CAS:</b> 1332-65-6 <b>LD<sub>50</sub>:</b> 1,440mg/kg <b>MW:</b> 427.1 <b>MF:</b> Cu<sub>4</sub>H<sub>6</sub>O<sub>9</sub>Cl<sub>2</sub></p>	<p>CuCl<sub>2</sub> · 3Cu(OH)<sub>2</sub></p>
<p><b>PS-273</b></p>	<p><b>Bromoacetyl bromide</b> <b>CAS:</b> 598-21-0 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 201.8 <b>MF:</b> C<sub>2</sub>H<sub>2</sub>Br<sub>2</sub>O</p>		<p><b>PS-293</b></p>	<p><b>Dicloran</b> 2,6-Dichloro-4-nitroaniline, Botran®, Allisan®, Dichloran®, Ditranyl®, DCNA <b>CAS:</b> 99-30-9 <b>LD<sub>50</sub>:</b> 4,000mg/kg <b>MW:</b> 207.02 <b>MF:</b> C<sub>6</sub>H<sub>4</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub></p>	
<p><b>PS-274</b></p>	<p><b>Picloram</b> 4-Amino-3,5,6-trichloropicolinic acid, Tordon® <b>CAS:</b> 1918-02-1 <b>LD<sub>50</sub>:</b> 2,898mg/kg <b>MW:</b> 241.46 <b>MF:</b> C<sub>6</sub>H<sub>3</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>2</sub></p>		<p><b>PS-294</b></p>	<p><b>Carboxin</b> 5,6-Dihydro-2-methyl-1,4-oxathiin-3-carboxanilide, Vitavax® <b>CAS:</b> 5234-68-4 <b>LD<sub>50</sub>:</b> 3,820mg/kg <b>MW:</b> 235.3 <b>MF:</b> C<sub>12</sub>H<sub>13</sub>N<sub>2</sub>O<sub>2</sub>S</p>	
<p><b>PS-280</b></p>	<p><b>Cadmium succinate</b> Cadminate®, Succinic acid cadmium salt <b>CAS:</b> 141-00-4 <b>LD<sub>50</sub>:</b> 660mg/kg <b>MW:</b> 228.48 <b>MF:</b> C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>·Cd</p>		<p><b>PS-295</b></p>	<p><b>Oxycarboxin</b> 2,3-Dihydro-5-carboxanilide-6-methyl-1,4-oxathiin-4,4-dioxide, Plantvax®, 5,6-Dihydro-2-methyl-1,4-oxathin-3-carboxanilide-4,4-dioxide <b>CAS:</b> 5259-88-1 <b>LD<sub>50</sub>:</b> 2,000mg/kg <b>MW:</b> 267.32 <b>MF:</b> C<sub>12</sub>H<sub>13</sub>NO<sub>4</sub>S</p>	
<p><b>PS-281</b></p>	<p><b>Disodium methyl arsonate</b> DSMA, Ansar 8100, Methanearsonic acid disodium salt, Methar, Ditac®, MAA®, Arsinyl®, Namate®, Sodar® <b>CAS:</b> 144-21-8 <b>LD<sub>50</sub>:</b> 1,800mg/kg <b>MW:</b> 291.9 <b>MF:</b> CH<sub>3</sub>As(ONa)<sub>2</sub>·6H<sub>2</sub>O</p>		<p><b>PS-296</b></p>	<p><b>2,4,5-T-amine</b> (2,4,5-Trichlorophenoxy)acetic acid triethyl amine salt <b>CAS:</b> N/A <b>LD<sub>50</sub>:</b> 300mg/kg <b>MW:</b> 255.48 <b>MF:</b> C<sub>8</sub>H<sub>5</sub>Cl<sub>3</sub>O<sub>3</sub></p>	
<p><b>PS-282</b></p>	<p><b>Bis[tri-n-butyltin]oxide</b> Oxybis(tributyltin), Car-Ban®, TBTO®, T-O-Biostat®, Bis(tributyltin)oxide <b>CAS:</b> 56-35-9 <b>LD<sub>50</sub>:</b> 87mg/kg <b>MW:</b> 596.16 <b>MF:</b> C<sub>24</sub>H<sub>54</sub>O<sub>2</sub>Sn<sub>2</sub></p>		<p><b>PS-297</b></p>	<p><b>2,4,5-T isooctyl ester</b> (2,4,5-Trichlorophenoxy)acetic acid isooctyl ester (3, 4 or 5-methylheptyl groups) <b>CAS:</b> 25168-15-4 <b>LD<sub>50</sub>:</b> 569mg/kg <b>MW:</b> 367.72 <b>MF:</b> C<sub>16</sub>H<sub>21</sub>Cl<sub>3</sub>O<sub>3</sub></p>	
<p><b>PS-297-1</b></p>	<p><b>2,4,5-T 2-ethylhexyl ester</b> <b>CAS:</b> 1928-47-8 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 367.72 <b>MF:</b> C<sub>16</sub>H<sub>21</sub>Cl<sub>3</sub>O<sub>3</sub></p>				

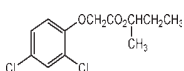
**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

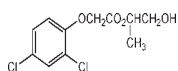
**PS-299 2,4-D isopropylamine salt**  
 (2,4-Dichlorophenoxy)acetic acid, isopropylamine salt  
**CAS:** N/A **LD<sub>50</sub>:** N/A  
**MW:** 280.15 **MF:** C<sub>11</sub>H<sub>15</sub>Cl<sub>2</sub>NO<sub>3</sub>



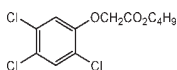
**PS-301 2,4-D sec-butyl ester**  
 (2,4-Dichlorophenoxy)acetic acid, sec-butyl ester  
**CAS:** N/A **LD<sub>50</sub>:** 150mg/kg  
**MW:** 276.90 **MF:** C<sub>12</sub>H<sub>14</sub>Cl<sub>2</sub>O<sub>3</sub>



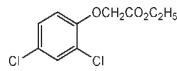
**PS-302 2,4-D propylene glycol ester**  
 (2,4-Dichlorophenoxy)acetic acid, propylene glycol ester  
**CAS:** N/A **LD<sub>50</sub>:** 350mg/kg  
**MW:** 279.12 **MF:** C<sub>11</sub>H<sub>12</sub>Cl<sub>2</sub>O<sub>4</sub>



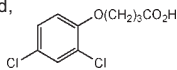
**PS-303 2,4,5-T n-butyl ester**  
 (2,4,5-Trichlorophenoxy)acetic acid n-butyl ester  
**CAS:** 93-79-8 **LD<sub>50</sub>:** 619mg/kg  
**MW:** 311.60 **MF:** C<sub>12</sub>H<sub>13</sub>Cl<sub>3</sub>O<sub>3</sub>



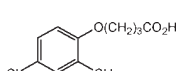
**PS-304 2,4-D ethyl ester**  
 (2,4-Dichlorophenoxy)acetic acid, ethyl ester  
**CAS:** 533-23-3 **LD<sub>50</sub>:** 320mg/kg  
**MW:** 249.10 **MF:** C<sub>10</sub>H<sub>10</sub>Cl<sub>2</sub>O<sub>3</sub>



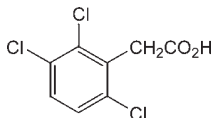
**PS-306 2,4-DB**  
 4-(2,4-Dichlorophenoxy)butyric acid, Butoxone®, Butyrac®, Embutox®  
**CAS:** 94-82-6 **LD<sub>50</sub>:** 700mg/kg  
**MW:** 249.10 **MF:** C<sub>10</sub>H<sub>10</sub>Cl<sub>2</sub>O<sub>3</sub>



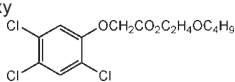
**PS-307 MCPB**  
 4-(2-Methyl-4-chlorophenoxy)butyric acid, Thistrol®, Control, Tropotox®  
**CAS:** 94-81-5 **LD<sub>50</sub>:** 680mg/kg  
**MW:** 228.69 **MF:** C<sub>11</sub>H<sub>13</sub>ClO<sub>3</sub>



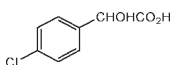
**PS-308 Fenac**  
 2,3,6-Trichlorophenylacetic acid, Chlorfenac, Fenatrol  
**CAS:** 85-34-7 **LD<sub>50</sub>:** 576mg/kg  
**MW:** 239.48 **MF:** C<sub>8</sub>H<sub>5</sub>Cl<sub>3</sub>O<sub>2</sub>



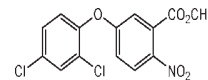
**PS-309 2,4,5-T butoxyethyl ester**  
 Butoxyethyl-2,4,5-trichlorophenoxyacetate, Trinoxol, Brambicide®, (2,4,5-Trichlorophenoxy)acetic acid butoxyethyl ester  
**CAS:** 2545-59-7 **LD<sub>50</sub>:** N/A  
**MW:** 355.66 **MF:** C<sub>14</sub>H<sub>17</sub>Cl<sub>3</sub>O<sub>4</sub>



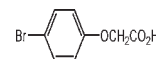
**PS-310 p-Chloromandelic acid**  
**CAS:** 492-86-4 **LD<sub>50</sub>:** N/A  
**MW:** 186.45 **MF:** C<sub>8</sub>H<sub>7</sub>ClO<sub>3</sub>



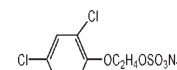
**PS-311 BifenoX**  
 Methyl-5-(2,4-dichlorophenoxy)-2-nitrobenzoate, Modown®  
**CAS:** 42576-02-3 **LD<sub>50</sub>:** 6,400mg/kg  
**MW:** 342.14 **MF:** C<sub>14</sub>H<sub>9</sub>Cl<sub>2</sub>NO<sub>3</sub>



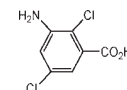
**PS-312 p-Bromophenoxy acetic acid**  
**CAS:** 1878-91-7 **LD<sub>50</sub>:** N/A  
**MW:** 212.66 **MF:** C<sub>8</sub>H<sub>7</sub>BrO<sub>3</sub>



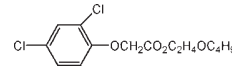
**PS-313 Sesone®**  
 Sodium 2,4-dichlorophenoxyethyl sulfate, SES, Crag SES, Crag Herbicide 1®, Crag 1®, Disul-Na®  
**CAS:** 149-26-8 **LD<sub>50</sub>:** 730mg/kg  
**MW:** 309.10 **MF:** C<sub>8</sub>H<sub>7</sub>Cl<sub>2</sub>O<sub>5</sub>S.Na



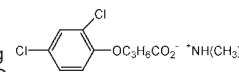
**PS-314 3-Amino-2,5-dichlorobenzoic acid**  
 Chloramben, Amiben®, Vegiben®  
**CAS:** 133-90-4 **LD<sub>50</sub>:** 5,620mg/kg  
**MW:** 206.03 **MF:** C<sub>7</sub>H<sub>5</sub>Cl<sub>2</sub>NO<sub>2</sub>



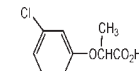
**PS-315 2,4-D butoxyethyl ester**  
 Butoxyethyl-2,4-dichlorophenoxyacetate, Aqua-Kleen®  
**CAS:** 1929-73-3 **LD<sub>50</sub>:** N/A  
**MW:** 321.22 **MF:** C<sub>14</sub>H<sub>18</sub>Cl<sub>2</sub>O<sub>4</sub>



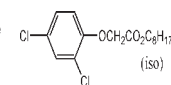
**PS-316 2,4-DB dimethylamine salt**  
 Dimethylamine-4-(2,4-dichlorophenoxy)-butyrate  
**CAS:** N/A **LD<sub>50</sub>:** 700mg/kg  
**MW:** 293.17 **MF:** C<sub>12</sub>H<sub>16</sub>Cl<sub>2</sub>NO<sub>3</sub>



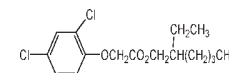
**PS-317 2-(3-Chlorophenoxy)propionic acid**  
 Fruitone® CPA, 3-(3-Chlorophenoxy)propionic acid, Amdol 3CP®, Amchem 3CP®, Cloprop  
**CAS:** 101-10-0 **LD<sub>50</sub>:** 750mg/kg  
**MW:** 200.63 **MF:** C<sub>9</sub>H<sub>9</sub>ClO<sub>3</sub>



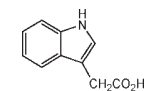
**PS-319 2,4-D isooctyl ester**  
 Isooctyl-2,4-dichlorophenoxyacetate  
**CAS:** 25168-26-7 **LD<sub>50</sub>:** 150mg/kg  
**MW:** 333.28 **MF:** C<sub>16</sub>H<sub>22</sub>Cl<sub>2</sub>O<sub>3</sub>



**PS-319-1 2-Ethylhexyl-2,4-dichlorophenoxy acetate**  
 2,4-D 2-ethylhexyl ester, (2,4-Dichlorophenoxy)acetic acid, 2-ethylhexyl ester  
**CAS:** 1928-43-4 **LD<sub>50</sub>:** N/A  
**MW:** 333.28 **MF:** C<sub>16</sub>H<sub>22</sub>Cl<sub>2</sub>O<sub>3</sub>



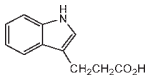
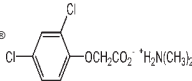
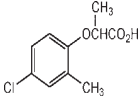
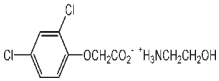
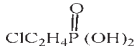
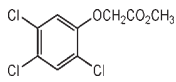
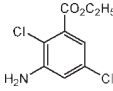
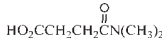
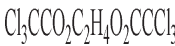
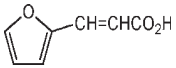
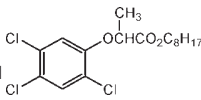
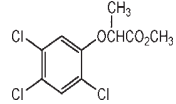
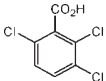
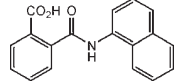
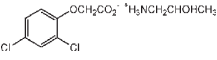
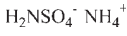
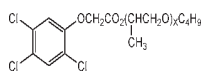
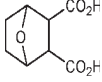
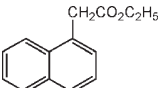
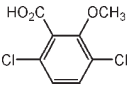
**PS-320 3-Indoleacetic acid**  
 Heteroauxin  
**CAS:** 87-51-4 **LD<sub>50</sub>:** N/A  
**MW:** 175.20 **MF:** C<sub>10</sub>H<sub>9</sub>NO<sub>2</sub>



Numerical Listing

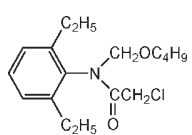
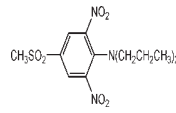
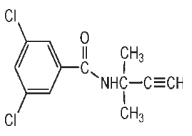
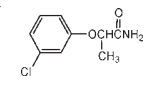
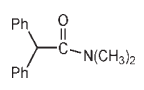


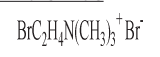
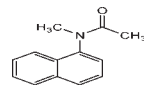
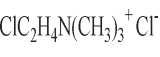
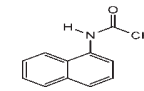
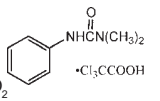
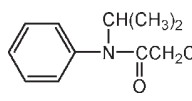
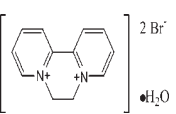
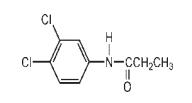
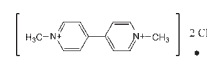
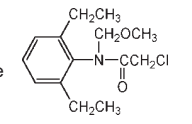
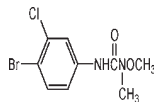
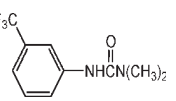
For new pesticides and custom mixtures contact us at +1-610-692-3026 or www.chemservice.com

## Chem Service Pesticide Standards - Numerical Listing

<p><b>PS-321</b></p>	<p><b>3-Indolepropionic acid</b>                      CAS: 830-96-6 LD<sub>50</sub>: N/A                      MW: 189.23 MF: C<sub>11</sub>H<sub>11</sub>NO<sub>2</sub></p>			<p><b>PS-337</b></p>	<p><b>2,4-D dimethylamine salt</b>                      (2,4-Dichlorophenoxy)acetic acid, dimethylamine salt, Weedicide Amine®                      CAS: 2008-39-1 LD<sub>50</sub>: 300mg/kg                      MW: 386.24 MF: C<sub>18</sub>H<sub>6</sub>Cl<sub>2</sub>O<sub>3</sub>·C<sub>2</sub>H<sub>7</sub>N</p>		
<p><b>PS-324</b></p>	<p><b>Mecoprop</b>                      (ACS Standard Grade)                      2-(4-Chloro-2-methylphenoxy)propanoic acid, MCPP®, Compitox®, Hedonal MCPP®, Iso-Cornox®, Kilprop®, Mepro®, Propal®, Proponex-Plus®, BH® Mecoprop, Compitox Plus®                      CAS: 7085-19-0 LD<sub>50</sub>: 930mg/kg                      MW: 214.66 MF: C<sub>10</sub>H<sub>11</sub>ClO<sub>3</sub></p>			<p><b>PS-338</b></p>	<p><b>2,4-D ethanolamine salt</b>                      (2,4-Dichlorophenoxy)acetic acid, ethanolamine salt                      CAS: 3599-58-4 LD<sub>50</sub>: 300mg/kg                      MW: 282.14 MF: C<sub>8</sub>H<sub>6</sub>Cl<sub>2</sub>O<sub>3</sub>·C<sub>2</sub>H<sub>7</sub>NO</p>		
<p><b>PS-325</b></p>	<p><b>(2-Chloroethyl)phosphonic acid</b>                      Ethrel®, CEPHA®, Ethephon, Bromeflor®                      CAS: 16672-87-0 LD<sub>50</sub>: 4,229mg/kg                      MW: 144.50 MF: C<sub>2</sub>H<sub>6</sub>ClO<sub>3</sub>P</p>			<p><b>PS-339</b></p>	<p><b>(2,4,5-Trichlorophenoxy)acetic acid methyl ester</b>                      2,4,5-T methyl ester                      CAS: 1928-37-6 LD<sub>50</sub>: 500mg/kg                      MW: 269.51 MF: C<sub>9</sub>H<sub>7</sub>Cl<sub>3</sub>O<sub>3</sub></p>		
<p><b>PS-326</b></p>	<p><b>Ethyl-3-amino-2,5-dichlorobenzoate</b>                      3-Amino-2,5-dichlorobenzoic acid, ethyl ester, Chloramben ethyl ester                      CAS: N/A LD<sub>50</sub>: N/A                      MW: 234.08 MF: C<sub>9</sub>H<sub>7</sub>Cl<sub>2</sub>NO<sub>2</sub></p>			<p><b>PS-340</b></p>	<p><b>N,N-Dimethylsuccinamic acid</b>                      CAS: 2564-95-6 LD<sub>50</sub>: N/A                      MW: 130 MF: C<sub>5</sub>H<sub>9</sub>O<sub>3</sub>N</p>		
<p><b>PS-328</b></p>	<p><b>EGT</b>                      Ethylene glycol bis[trichloroacetate], Glytac®, Ethylene bistrichloroacetate                      CAS: 2514-53-6 LD<sub>50</sub>: 7,000mg/kg                      MW: 352.80 MF: C<sub>6</sub>H<sub>4</sub>Cl<sub>6</sub>O<sub>4</sub></p>			<p><b>PS-341</b></p>	<p><b>2-Furanacrylic acid</b>                      B-Furylacrylic acid, Furacrylic acid, 2-Furalacetic acid, Fururylidene acetic acid                      CAS: 539-47-9 LD<sub>50</sub>: N/A                      MW: 138.13 MF: C<sub>6</sub>H<sub>6</sub>O<sub>3</sub></p>		
<p><b>PS-329</b></p>	<p><b>Silvex isooctyl ester</b>                      Silvex 2-ethylhexyl ester, (2,4,5-Trichlorophenoxy)propionic acid isooctyl ester, (2,4,5-Trichlorophenoxy)propionic acid 2-ethylhexyl ester                      CAS: 32534-95-5 LD<sub>50</sub>: 500mg/kg                      MW: 381.75 MF: C<sub>17</sub>H<sub>23</sub>Cl<sub>3</sub>O<sub>3</sub></p>			<p><b>PS-342</b></p>	<p><b>Silvex methyl ester</b>                      2,4,5-TP methyl ester, 2-(2,4,5-Trichlorophenoxy)propionic acid methyl ester                      CAS: 4841-20-7 LD<sub>50</sub>: N/A                      MW: 283.5 MF: C<sub>10</sub>H<sub>9</sub>Cl<sub>3</sub>O<sub>3</sub></p>		
<p><b>PS-330</b></p>	<p><b>2,3,6-Trichlorobenzoic acid</b>                      2,3,6-TBA®, Trysben®                      CAS: 50-31-7 LD<sub>50</sub>: 1,500mg/kg                      MW: 225.45 MF: C<sub>7</sub>H<sub>3</sub>Cl<sub>3</sub>O<sub>2</sub></p>			<p><b>PS-343</b></p>	<p><b>N-1-Naphthylphthalamic acid</b>                      Naptalam, Alanap®, NPA                      CAS: 132-66-1 LD<sub>50</sub>: 8,200mg/kg                      MW: 291.32 MF: C<sub>16</sub>H<sub>13</sub>NO<sub>3</sub></p>		
<p><b>PS-332</b></p>	<p><b>2,4-D isopropanol amine salt</b>                      (2,4-Dichlorophenoxy)acetic acid, isopropanolamine salt                      CAS: N/A LD<sub>50</sub>: 700mg/kg                      MW: 296.17 MF: C<sub>8</sub>H<sub>6</sub>Cl<sub>2</sub>O<sub>3</sub>·C<sub>3</sub>H<sub>9</sub>NO</p>			<p><b>PS-344</b></p>	<p><b>Ammonium sulfamate</b>                      Ammonium amidosulphate, AMS, Amcide®                      CAS: 7773-06-0 LD<sub>50</sub>: 3,900mg/kg                      MW: 114.14 MF: H<sub>3</sub>NO<sub>3</sub>S<sub>3</sub>H<sub>3</sub>N</p>		
<p><b>PS-334</b></p>	<p><b>(2,4,5-Trichlorophenoxy)acetic acid butoxypolypropylene glycol ester</b>                      2,4,5-T butoxypolypropylene glycol ester                      CAS: N/A LD<sub>50</sub>: 500mg/kg                      MW: 369.69 MF: C<sub>18</sub>H<sub>19</sub>Cl<sub>3</sub>O<sub>4</sub></p>			<p><b>PS-345</b></p>	<p><b>Endothal</b>                      7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid, Endothal (unstated stereochemistry)                      CAS: 62059-43-2 LD<sub>50</sub>: 51mg/kg                      MW: 204.18 MF: C<sub>8</sub>H<sub>10</sub>O<sub>5</sub>·H<sub>2</sub>O</p>		
<p><b>PS-335</b></p>	<p><b>Ethyl-1-naphthalene acetate</b>                      CAS: 2122-70-5 LD<sub>50</sub>: 3,580mg/kg                      MW: 214.28 MF: C<sub>14</sub>H<sub>14</sub>O<sub>2</sub></p>			<p><b>PS-346</b></p>	<p><b>Dicamba</b>                      (ACS Standard Grade)                      2-Methoxy-3,6-dichlorobenzoic acid, Banvel®, Mediben®, 3,6-Dichloro-o-anisic acid                      CAS: 1918-00-9 LD<sub>50</sub>: 1,040mg/kg                      MW: 221.04 MF: C<sub>9</sub>H<sub>6</sub>Cl<sub>2</sub>O<sub>3</sub></p>		

WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS

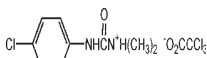
## Chem Service Pesticide Standards - Numerical Listing

<p><b>PS-348 Butachlor</b> (ACS Standard Grade) 2-Chloro-2',6'-diethyl-N-(butoxymethyl)acetanilide, N-(Butoxymethyl)-2-chloro-2',6'-diethylacetanilide, Machete® <b>CAS:</b> 23184-66-9 <b>LD<sub>50</sub>:</b> 1,740mg/kg <b>MW:</b> 311.89 <b>MF:</b> C<sub>17</sub>H<sub>26</sub>ClNO<sub>2</sub></p> <div style="text-align: center;">  </div>	<p><b>PS-358 Nitralin</b> 4-[Methylsulfonyl]-2,6-dinitro-N,N-di-propylaniline, Planavin® <b>CAS:</b> 4726-14-1 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 345.41 <b>MF:</b> C<sub>13</sub>H<sub>19</sub>N<sub>3</sub>O<sub>6</sub>S</p> <div style="text-align: center;">  </div>
<p><b>PS-349 Propyzamide</b> N-[1,1-Dimethylpropynyl]-3,5-dichlorobenzamide, Kerb®, Pronamide®, 3,5-Dichloro-N-(1,1-dimethyl-2-propynyl)benzamide <b>CAS:</b> 23950-58-5 <b>LD<sub>50</sub>:</b> 8,350mg/kg <b>MW:</b> 256.14 <b>MF:</b> C<sub>12</sub>H<sub>11</sub>Cl<sub>2</sub>NO</p> <div style="text-align: center;">  </div>	<p><b>PS-359 2-[3-Chlorophenoxy]propionamide</b> <b>CAS:</b> 5825-87-6 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 199.64 <b>MF:</b> C<sub>9</sub>H<sub>10</sub>ClNO<sub>2</sub></p> <div style="text-align: center;">  </div>
<p><b>PS-350 Diphenamid</b> N,N-Dimethyl-2,2-diphenylacetamide, Dymid®, Enide®, 2,2-Diphenyl-N,N-dimethylacetamide <b>CAS:</b> 957-51-7 <b>LD<sub>50</sub>:</b> 700mg/kg <b>MW:</b> 239.34 <b>MF:</b> C<sub>16</sub>H<sub>17</sub>NO</p> <div style="text-align: center;">  </div>	<p><b>PS-360 Allyl trimethylammonium bromide</b> <b>CAS:</b> N/A <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 179.90 <b>MF:</b> C<sub>8</sub>H<sub>14</sub>NBr</p> <div style="text-align: center;">  </div>
<p><b>PS-351 N,N-Diallyl-2-chloroacetamide</b> Allidochlor, CDAA, Randex®, a-Chloro-N,N-diallylacetamide <b>CAS:</b> 93-71-0 <b>LD<sub>50</sub>:</b> 700mg/kg <b>MW:</b> 173.66 <b>MF:</b> C<sub>8</sub>H<sub>12</sub>ClNO</p> <div style="text-align: center;">  </div>	<p><b>PS-361 (2-Bromoethyl)trimethyl ammonium bromide</b> <b>CAS:</b> 2758-06-7 <b>LD<sub>50</sub>:</b> 190mg/kg <b>MW:</b> 246.97 <b>MF:</b> C<sub>5</sub>H<sub>13</sub>Br<sub>2</sub>N</p> <div style="text-align: center;">  </div>
<p><b>PS-352 N-Methyl-N-1-naphthyl acetamide</b> <b>CAS:</b> N/A <b>LD<sub>50</sub>:</b> 50mg/kg <b>MW:</b> 199.25 <b>MF:</b> C<sub>13</sub>H<sub>13</sub>NO</p> <div style="text-align: center;">  </div>	<p><b>PS-363 Chlormequat chloride</b> [2-Chloroethyl]trimethylammonium chloride, Chlorocholine chloride, Cycocel®, Cyclocel® <b>CAS:</b> 999-81-5 <b>LD<sub>50</sub>:</b> 560mg/kg <b>MW:</b> 158.09 <b>MF:</b> C<sub>5</sub>H<sub>13</sub>ClN.Cl</p> <div style="text-align: center;">  </div>
<p><b>PS-353 N-1-Naphthylacetamide</b> <b>CAS:</b> N/A <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 185.23 <b>MF:</b> C<sub>12</sub>H<sub>11</sub>NO</p> <div style="text-align: center;">  </div>	<p><b>PS-364 Fenuron TCA</b> 1,1-Dimethyl-3-phenylurea trichloroacetate, Urab® <b>CAS:</b> 4482-55-7 <b>LD<sub>50</sub>:</b> 4,000mg/kg <b>MW:</b> 327.61 <b>MF:</b> C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O.C<sub>2</sub>HCl<sub>3</sub>O<sub>2</sub></p> <div style="text-align: center;">  </div>
<p><b>PS-354 Propachlor</b> (ACS Standard Grade) 2'-Chloro-N-isopropyl acetanilide, Ramrod®, N-Isopropyl-a-chloroacetanilide, 2-Chloro-N-isopropyl-N-phenylacetamide <b>CAS:</b> 1918-16-7 <b>LD<sub>50</sub>:</b> 710mg/kg <b>MW:</b> 211.71 <b>MF:</b> C<sub>11</sub>H<sub>14</sub>ClNO</p> <div style="text-align: center;">  </div>	<p><b>PS-365 Diquat Dibromide monohydrate</b> 6,7-Dihydrodipyrido[1,2-a:2'1'-c]pyrazinedium dibromide, Reglone®, Aquacide®, 9,10-Dihydro-8a,10a-diazoniaphenanthrene ion, 1,1'-Ethylene-2,2-bipyridylium ion <b>CAS:</b> 6385-62-2 <b>LD<sub>50</sub>:</b> 231mg/kg <b>MW:</b> 362.1 <b>MF:</b> C<sub>12</sub>H<sub>14</sub>Br<sub>2</sub>N<sub>2</sub>O</p> <div style="text-align: center;">  </div>
<p><b>PS-355 3',4'-Dichloropropionanilide</b> Propanil, Surcopur®, Stam®, Rogue® <b>CAS:</b> 709-98-8 <b>LD<sub>50</sub>:</b> 1,384mg/kg <b>MW:</b> 218.09 <b>MF:</b> C<sub>9</sub>H<sub>9</sub>Cl<sub>2</sub>NO</p> <div style="text-align: center;">  </div>	<p><b>PS-366 Paraquat CL tetrahydrate</b> 1,1'-Dimethyl-4,4'-bipyridinium dichloride, Gramoxone®, Methyl viologen, Preeglone®, Weedol®, Arial Gramoxone®, Dextrone X® <b>CAS:</b> 1910-42-5 <b>LD<sub>50</sub>:</b> 57mg/kg <b>MW:</b> 329.2 <b>MF:</b> C<sub>12</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>2</sub> x 4 H<sub>2</sub>O</p> <div style="text-align: center;">  </div>
<p><b>PS-357 Alachlor</b> 2-Chloro-2',6'-diethyl-N-[methoxy methyl]acetanilide, Lasso®, Lazo®, 2'-Chloro-N-[2,6-diethyl phenyl]-N-methoxy methylacetamide <b>CAS:</b> 15972-60-8 <b>LD<sub>50</sub>:</b> 1,200mg/kg <b>MW:</b> 269.8 <b>MF:</b> C<sub>14</sub>H<sub>20</sub>ClNO<sub>2</sub></p> <div style="text-align: center;">  </div>	<p><b>PS-368 Chlorbromuron</b> 3-[4-Bromo-3-chlorophenyl]-1-methoxy-1-methylurea, Maloran® <b>CAS:</b> 13360-45-7 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 293.57 <b>MF:</b> C<sub>9</sub>H<sub>10</sub>BrClN<sub>2</sub>O<sub>2</sub></p> <div style="text-align: center;">  </div>
<p><b>PS-359 Fluometuron</b> CIBA 2059®, Cotoran®, 1,1-Dimethyl-3-(a,a,a-trifluoro-m-tolyl) urea <b>CAS:</b> 2164-17-2 <b>LD<sub>50</sub>:</b> 6,419mg/kg <b>MW:</b> 232.23 <b>MF:</b> C<sub>10</sub>H<sub>11</sub>F<sub>3</sub>N<sub>2</sub>O</p> <div style="text-align: center;">  </div>	

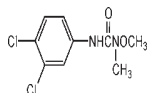
## Chem Service Pesticide Standards - Numerical Listing

Numerical Listing

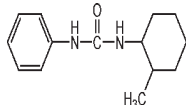
**PS-371 Monuron TCA**  
 3-[4-Chlorophenyl]-1,1-dimethyl urea trichloroacetate, Urox®  
**CAS:** 140-41-0 **LD<sub>50</sub>:** N/A  
**MW:** 362.05 **MF:** C<sub>2</sub>HCl<sub>3</sub>O<sub>2</sub>·C<sub>9</sub>H<sub>11</sub>ClN<sub>2</sub>O



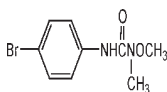
**PS-372 Linuron**  
 3-(3,4-Dichlorophenyl)-1-methoxy-1-methylurea, Lorox®, Afalon®  
**CAS:** 330-55-2 **LD<sub>50</sub>:** 4,000mg/kg  
**MW:** 249.11 **MF:** C<sub>9</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>



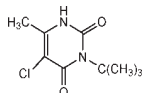
**PS-373 Siduron**  
 1-(2-Methylcyclohexyl)-3-phenyl urea, Tupersan®  
**CAS:** 1982-49-6 **LD<sub>50</sub>:** N/A  
**MW:** 232.36 **MF:** C<sub>14</sub>H<sub>20</sub>N<sub>2</sub>O



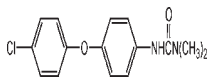
**PS-374 Metobromuron**  
 3-(p-Bromophenyl)-1-methyl-1-methoxyurea, Patoran, CIBA 3126, 3-(p-Bromophenyl)-1-methoxy-1-methylurea  
**CAS:** 3060-89-7 **LD<sub>50</sub>:** 2,000mg/kg  
**MW:** 259.13 **MF:** C<sub>9</sub>H<sub>11</sub>BrN<sub>2</sub>O<sub>2</sub>



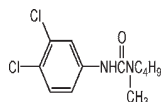
**PS-375 Terbacil**  
 3-tert-Butyl-5-chloro-6-methyluracil, Sinbar®  
**CAS:** 5902-51-2 **LD<sub>50</sub>:** N/A  
**MW:** 216.69 **MF:** C<sub>9</sub>H<sub>13</sub>ClN<sub>2</sub>O<sub>2</sub>



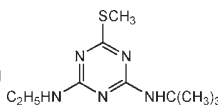
**PS-376 Chloroxuron**  
 3-[p-(p-Chlorophenoxy)phenyl]1,1-dimethylurea, Tenoran®  
**CAS:** 1982-47-4 **LD<sub>50</sub>:** 3,000mg/kg  
**MW:** 290.77 **MF:** C<sub>15</sub>H<sub>15</sub>ClN<sub>2</sub>O<sub>2</sub>



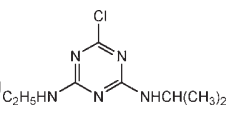
**PS-377 Neburon**  
 1-n-Butyl-3-[3,4-dichlorophenyl]-1-methylurea, Kloben®  
**CAS:** 555-37-3 **LD<sub>50</sub>:** 11,000mg/kg  
**MW:** 275.20 **MF:** C<sub>12</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>2</sub>O



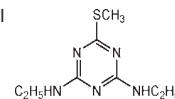
**PS-379 Terbutryne**  
 2-tert-Butylamino-4-ethylamino-6-methyl-thio-s-triazine, Prebane®, GS 14260, Igran®  
**CAS:** 886-50-0 **LD<sub>50</sub>:** 2,000mg/kg  
**MW:** 241.40 **MF:** C<sub>10</sub>H<sub>19</sub>N<sub>5</sub>S



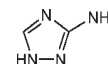
**PS-380 Atrazine**  
 2-Chloro-4-ethylamino-6-isopropyl amino-s-triazine, Aatrex®, Gesaprim®, Atraton®  
**CAS:** 1912-24-9 **LD<sub>50</sub>:** 1,750mg/kg  
**MW:** 215.72 **MF:** C<sub>8</sub>H<sub>14</sub>ClN<sub>5</sub>



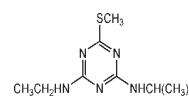
**PS-381 Simetryn**  
 2,4-Bis(ethylamino)-6-methylthio-1,3,5-triazine, N,N'-Diethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine, Gybon®  
**CAS:** 1014-70-6 **LD<sub>50</sub>:** 750mg/kg  
**MW:** 213.34 **MF:** C<sub>8</sub>H<sub>15</sub>N<sub>5</sub>S



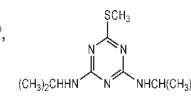
**PS-382 Aminotriazole**  
 3-Amino-1,2,4-triazole, Amigol®, Amitrole®, Amizol®, Cytrol®, Weedazol®, ATA®  
**CAS:** 61-82-5 **LD<sub>50</sub>:** 1,100mg/kg  
**MW:** 84.10 **MF:** C<sub>2</sub>H<sub>4</sub>N<sub>4</sub>



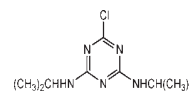
**PS-383 Ametryne**  
 2-Ethylamino-4-isopropylamino-6-methylthio-s-triazine, Gesapax®, EVIK®  
**CAS:** 834-12-8 **LD<sub>50</sub>:** 1,100mg/kg  
**MW:** 227.37 **MF:** C<sub>9</sub>H<sub>17</sub>N<sub>5</sub>S



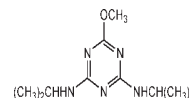
**PS-384 Prometryne**  
 2,4-Bis(isopropylamino)-6-methylthio-s-triazine, Caparol®, Gesagard®, Primatol Q®  
**CAS:** 7287-19-6 **LD<sub>50</sub>:** 3,150mg/kg  
**MW:** 241.40 **MF:** C<sub>10</sub>H<sub>19</sub>N<sub>5</sub>S



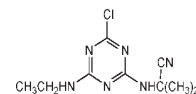
**PS-385 Propazine**  
 2-Chloro-4,6-bis(isopropylamino)-s-triazine, Milogard®, Gesamil®, Primatol P®  
**CAS:** 139-40-2 **LD<sub>50</sub>:** 3,840mg/kg  
**MW:** 229.75 **MF:** C<sub>9</sub>H<sub>16</sub>ClN<sub>5</sub>



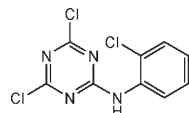
**PS-386 Prometon**  
 2-Methoxy-4,6-bis(isopropylamino)-s-triazine, Pramitol®, Primatol®  
**CAS:** 1610-18-0 **LD<sub>50</sub>:** 3,000mg/kg  
**MW:** 225.34 **MF:** C<sub>10</sub>H<sub>19</sub>N<sub>5</sub>O



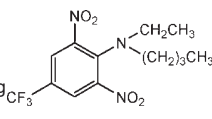
**PS-387 Bladex**  
 2-[(4-Chloro-6-ethylamino-s-triazin-2-yl)amino]-2-methylpropionitrile, Payze®, Cyanazine  
**CAS:** 21725-46-2 **LD<sub>50</sub>:** 182mg/kg  
**MW:** 240.73 **MF:** C<sub>9</sub>H<sub>13</sub>ClN<sub>6</sub>



**PS-388 Anilazine**  
 2,4-Dichloro-6-o-chloroanilino-s-triazine, Dyrene®, B-622, Kemate®, Triazine®  
**CAS:** 101-05-3 **LD<sub>50</sub>:** 2,710mg/kg  
**MW:** 275.53 **MF:** C<sub>9</sub>H<sub>5</sub>Cl<sub>3</sub>N<sub>4</sub>



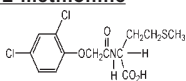
**PS-389 Benfluralin**  
 N-Butyl-N-ethyl-a,a-trifluoro-2,6-dinitro-p-toluidine, Quilan®, Binnell®, Benefin®, Balan®  
**CAS:** 1861-40-1 **LD<sub>50</sub>:** 10,000mg/kg  
**MW:** 335.32 **MF:** C<sub>13</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub>



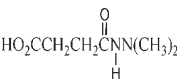
**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

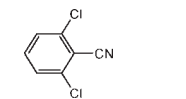
**PS-390** **N-[(2,4-Dichlorophenoxy)acetyl]-DL-methionine**  
 CAS: N/A LD<sub>50</sub>: N/A  
 MW: 352.24 MF: C<sub>13</sub>H<sub>15</sub>Cl<sub>2</sub>NO<sub>4</sub>S



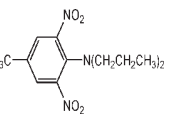
**PS-391** **Daminozide**  
 Succinic acid 2,2-dimethylhydrazide, Alar®, B-Nine®, SADH®, Aminozide®  
 CAS: 1596-84-5 LD<sub>50</sub>: 8,400mg/kg  
 MW: 160.17 MF: C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>



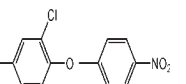
**PS-392** **2,6-Dichlorobenzonitrile**  
 Casoron®, Dichlobenil  
 CAS: 1194-65-6 LD<sub>50</sub>: 2,710mg/kg  
 MW: 172.01 MF: C<sub>7</sub>H<sub>3</sub>Cl<sub>2</sub>N



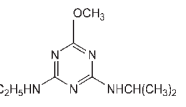
**PS-393** **Trifluralin**  
 a.a.a-Trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine, Treflan®, 4-Dipropylamino-3,5-dinitrobenzo trifluoride  
 CAS: 1582-09-8 LD<sub>50</sub>: 500mg/kg  
 MW: 335.32 MF: C<sub>13</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub>



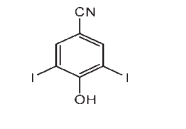
**PS-394** **Nitrofen**  
 TOK®, NIP®, Niclofen®  
 CAS: 1836-75-5 LD<sub>50</sub>: 638mg/kg  
 MW: 284.10 MF: C<sub>12</sub>H<sub>17</sub>Cl<sub>2</sub>NO<sub>3</sub>



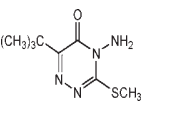
**PS-395** **Atraton**  
 2-[Ethylamino]-4-[isopropylamino]-6-methoxy-s-triazine, Gesatamin, 2-Methoxyatrazine  
 CAS: 1610-17-9 LD<sub>50</sub>: 1,465mg/kg  
 MW: 211.31 MF: C<sub>9</sub>H<sub>17</sub>N<sub>5</sub>O



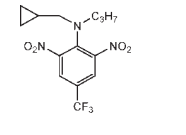
**PS-397** **3,5-Diiodo-4-hydroxybenzonitrile**  
 Ioxynil, Bantrol®, 4-Hydroxy-3,5-diiodobenzonitrile, ACP 63303®, Certrol®, Actril®, 4-Hydroxy-3,5-diiodophenyl cyanide  
 CAS: 1689-83-4 LD<sub>50</sub>: 110mg/kg  
 MW: 370.91 MF: C<sub>7</sub>H<sub>3</sub>I<sub>2</sub>NO



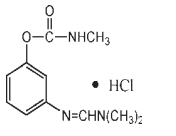
**PS-398** **Metribuzin**  
 4-Amino-6-tert-butyl-3-[methylthio]-1,2,4-triazine-5[4H]-one, Sencor®, DIC 1468®, Lexone®  
 CAS: 21087-64-9 LD<sub>50</sub>: 2,200mg/kg  
 MW: 214.32 MF: C<sub>9</sub>H<sub>14</sub>N<sub>4</sub>OS



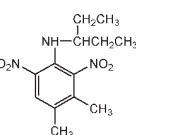
**PS-399** **Profluralin**®  
 N-Propyl-N-cyclopropylmethyl-2,6-dinitro-4-(a,a,a-trifluoro)toluidine, Tolban®  
 CAS: 26399-36-0 LD<sub>50</sub>: 10,000mg/kg  
 MW: 347.33 MF: C<sub>14</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub>



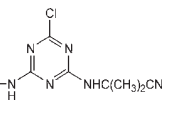
**PS-400** **Formetanate hydrochloride**  
 N,N-Dimethyl-N'-[3-[(methylamino)-carbonyl]oxy]phenyl methanimidamide, Carzol SP®  
 CAS: 23422-53-9 LD<sub>50</sub>: 21mg/kg  
 MW: 257.75 MF: C<sub>11</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>·HCl



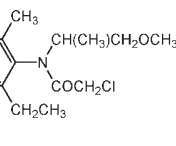
**PS-401** **Prowl**®  
 N-[1-Ethylpropyl]-3,4-dimethyl-2,6-dinitrobenzeneamine, Horbadox®, Stomp®, Pendimethalin  
 CAS: 40487-42-1 LD<sub>50</sub>: 1,250mg/kg  
 MW: 281.35 MF: C<sub>13</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub>



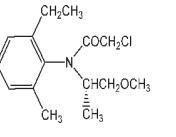
**PS-402** **Procyazine**  
 2-[[4-Chloro-6-(cyclopropylamino)-1,3,5-triazin-2-yl]-amino]-2-methylpropanenitrile, Cycle®  
 CAS: 32889-48-8 LD<sub>50</sub>: 290mg/kg  
 MW: 252.74 MF: C<sub>10</sub>H<sub>13</sub>ClN<sub>6</sub>



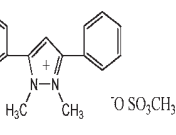
**PS-403** **Metolachlor**  
 (ACS Standard Grade)  
 2-Chloro-N-[2-ethyl-6-methylphenyl]-N-[2-methoxy-1-methylethyl]acetamide, Dual  
 CAS: 51218-45-2 LD<sub>50</sub>: 2,780mg/kg  
 MW: 283.83 MF: C<sub>15</sub>H<sub>22</sub>ClNO<sub>2</sub>



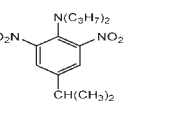
**PS-403-1** **S-Metolachlor**  
 Mix of [(aRS,1S)-2-Chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)aceto-o-toluidide and (aRS,1R)-2-Chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)aceto-o-toluidide]  
 CAS: 87392-12-9 LD<sub>50</sub>: 2,672mg/kg  
 MW: 283.83 MF: C<sub>15</sub>H<sub>22</sub>ClNO<sub>2</sub>



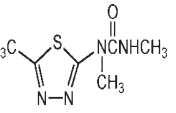
**PS-404** **Difenzoquat methylsulfate**  
 1,2-Dimethyl-3,5-diphenyl-1H-pyrazolium methyl sulfate, Avengo®  
 CAS: 43222-48-6 LD<sub>50</sub>: 470mg/kg  
 MW: 348.45 MF: C<sub>16</sub>H<sub>17</sub>N<sub>2</sub>·CH<sub>3</sub>O<sub>4</sub>S



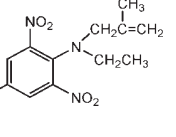
**PS-406** **Isopropalin**  
 2,6-Dinitro-N,N-di-n-propyl cumidine, Paaran®  
 CAS: 33820-53-0 LD<sub>50</sub>: 5,000mg/kg  
 MW: 309.41 MF: C<sub>15</sub>H<sub>23</sub>N<sub>3</sub>O<sub>4</sub>



**PS-407** **Tebuthiuron**  
 N-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea, Spike®  
 CAS: 34014-18-1 LD<sub>50</sub>: 644mg/kg  
 MW: 228.35 MF: C<sub>9</sub>H<sub>16</sub>N<sub>4</sub>OS



**PS-408** **Ethalfuralin**  
 N-Ethyl-N-(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine, Sonalan®  
 CAS: 55283-68-6 LD<sub>50</sub>: N/A  
 MW: 333.30 MF: C<sub>13</sub>H<sub>14</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub>



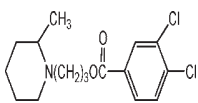
Numerical Listing

For new pesticides and custom mixtures contact us at +1-610-692-3026 or www.chemservice.com

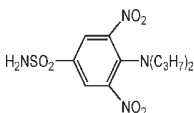
## Chem Service Pesticide Standards - Numerical Listing

Numerical Listing

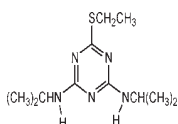
**PS-409 Piperalin**  
3-(2-Methylpiperidino)propyl-3,4-dichlorobenzoate, Pipron®  
CAS: 3478-94-2 LD<sub>50</sub>: 2,500mg/kg  
MW: 330.28 MF: C<sub>16</sub>H<sub>21</sub>Cl<sub>2</sub>NO<sub>2</sub>



**PS-410 Oryzalin**  
3,5-Dinitro-N4,N4-dipropylsulfanilamide, Surflan®  
CAS: 19044-88-3 LD<sub>50</sub>: N/A  
MW: 346.40 MF: C<sub>12</sub>H<sub>18</sub>N<sub>4</sub>O<sub>6</sub>S



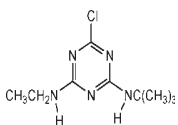
**PS-411 Dipropetryn**  
2-Ethylthio-4,6-di(isopropylamino)-1,3,5-triazine, Sancap®  
CAS: 4147-51-7 LD<sub>50</sub>: 3,900mg/kg  
MW: 255.43 MF: C<sub>11</sub>H<sub>21</sub>N<sub>5</sub>S



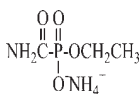
**PS-412 Ethanedial dioxime**  
Glyoxime, Pik-off®  
CAS: 557-30-2 LD<sub>50</sub>: 119mg/kg  
MW: 88.08 MF: C<sub>2</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>



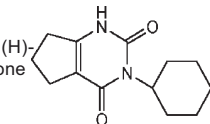
**PS-413 Terbutylazine**  
2-tert-Butylamino-4-chloro-6-ethylamino-1,3,5-triazine, Gardoprim®  
CAS: 5915-41-3 LD<sub>50</sub>: 2,000mg/kg  
MW: 229.75 MF: C<sub>9</sub>H<sub>16</sub>ClN<sub>5</sub>



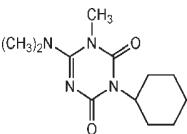
**PS-414 Fosamine Ammonium**  
Ammonium ethyl carbamoyl phosphonate, Krenite®  
CAS: 25954-13-6 LD<sub>50</sub>: 10,125mg/kg  
MW: 170.13 MF: H<sub>4</sub>N<sub>4</sub>C<sub>3</sub>H<sub>7</sub>NO<sub>4</sub>P



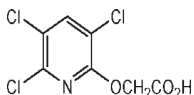
**PS-415 Lenacil**  
3-Cyclohexyl-5,6-trimethylenearcil, Venzar®, 3-Cyclohexyl-6,7-dihydro-1(H)-cyclopentapyrimidine-2,4-(3H,5H)-dione  
CAS: 2164-08-1 LD<sub>50</sub>: N/A  
MW: 234.33 MF: C<sub>13</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>



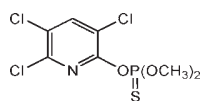
**PS-416 Velpar**  
3-Cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4-(1H,3H)-dione, Hexazinone  
CAS: 51235-04-2 LD<sub>50</sub>: 1,690mg/kg  
MW: 252.36 MF: C<sub>12</sub>H<sub>20</sub>N<sub>4</sub>O<sub>2</sub>



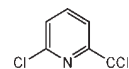
**PS-417 Triclopyr**  
[(3,5,6-Trichloro-2-pyridinyl)oxy]acetic acid, Garlon®  
CAS: 55335-06-3 LD<sub>50</sub>: 713mg/kg  
MW: 256.47 MF: C<sub>7</sub>H<sub>4</sub>Cl<sub>3</sub>NO<sub>3</sub>



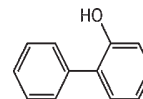
**PS-418 Chlorpyrifos Methyl**  
O,O-Dimethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate, Methyl Dursban, Reldan®  
CAS: 5598-13-0 LD<sub>50</sub>: 1,828mg/kg  
MW: 322.53 MF: C<sub>7</sub>H<sub>7</sub>Cl<sub>3</sub>NO<sub>3</sub>PS



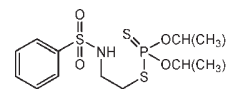
**PS-419 Nitrpyrin**  
2-Chloro-6-(trichloromethyl)pyridine, N-Serve®  
CAS: 1929-82-4 LD<sub>50</sub>: 1,072mg/kg  
MW: 230.90 MF: C<sub>6</sub>H<sub>3</sub>Cl<sub>4</sub>N



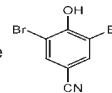
**PS-420 o-Phenylphenol**  
Dowicide 1®, 2-Hydroxybiphenyl  
CAS: 90-43-7 LD<sub>50</sub>: 2,480mg/kg  
MW: 170.22 MF: C<sub>12</sub>H<sub>10</sub>O



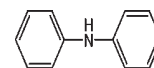
**PS-425 Bensulide**  
S-2-Benzenesulfonamidoethyl-O,O-diisopropylphosphorodithioate, Betasan®, Prefar®, Bensumec®, Pre-San®  
CAS: 741-58-2 LD<sub>50</sub>: 271mg/kg  
MW: 397.54 MF: C<sub>14</sub>H<sub>24</sub>NO<sub>4</sub>PS<sub>2</sub>



**PS-426 Bromoxynil**  
3,5-Dibromo-4-hydroxybenzonitrile, Brominal®, Brominil®, Bucril®, 3,5-Dibromo-4-hydroxyphenyl cyanide  
CAS: 1689-84-5 LD<sub>50</sub>: 190mg/kg  
MW: 276.93 MF: C<sub>7</sub>H<sub>3</sub>Br<sub>2</sub>NO



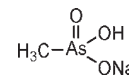
**PS-427 Diphenylamine**  
CAS: 122-39-4 LD<sub>50</sub>: 300mg/kg  
MW: 169.24 MF: C<sub>12</sub>H<sub>11</sub>N



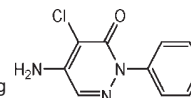
**PS-428 Sodium arsenate**  
CAS: 7778-43-0 LD<sub>50</sub>: 10mg/kg  
MW: 185.91 MF: Na<sub>2</sub>AsH<sub>4</sub>O<sub>4</sub>



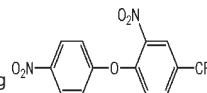
**PS-429 Monosodium acid methane arsonate sesquihydrate**  
MSMA sesquihydrate, Daconate®, Bueno®, Ansar 170®, Diamond Arsonate Liquid®, Mesamate®  
CAS: 2163-80-6 LD<sub>50</sub>: 700mg/kg  
MW: 189.0 MF: CH<sub>3</sub>AsNaO<sub>3</sub>·1.5H<sub>2</sub>O



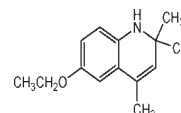
**PS-430 Pyrazon**  
5-Amino-4-chloro-2-phenyl-3(2H)-pyridazinone, Pyramine, PCA, Chloridazon  
CAS: 1698-60-8 LD<sub>50</sub>: 2,424mg/kg  
MW: 221.66 MF: C<sub>10</sub>H<sub>8</sub>ClN<sub>3</sub>O



**PS-431 Fluorodifen**  
p-Nitrophenyl-2-nitro-4-[trifluoromethyl]phenyl ether, Preforan®  
CAS: 15457-05-3 LD<sub>50</sub>: 9,000mg/kg  
MW: 328.22 MF: C<sub>13</sub>H<sub>7</sub>F<sub>3</sub>N<sub>2</sub>O<sub>5</sub>

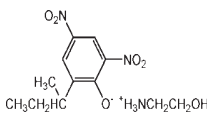
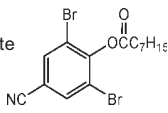
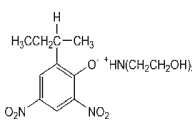
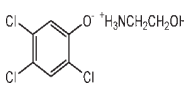
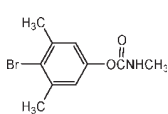
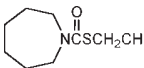
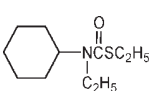
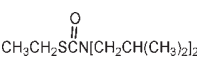
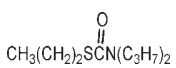
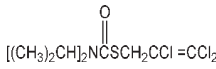
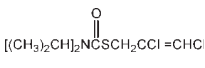
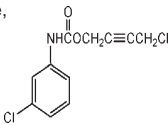
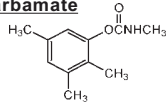
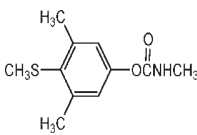
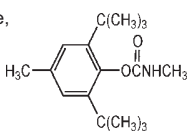
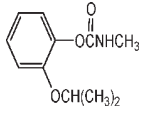
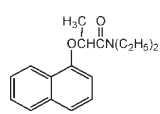
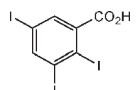


**PS-432 Ethoxyquin**  
1,2-Dihydro-6-ethoxy-2,2,4-trimethylquinoline, Stop-Scald, Sautoquin®  
CAS: 91-53-2 LD<sub>50</sub>: 1,920mg/kg  
MW: 217.34 MF: C<sub>14</sub>H<sub>19</sub>NO



**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

<p><b>PS-433 4,6-Dinitro-2-sec-butylphenol ethanolamine salt</b> 2-sec-Butyl-4,6-dinitrophenol, ethanolamine salt <b>CAS:</b> N/A <b>LD<sub>50</sub>:</b> 58mg/kg <b>MW:</b> 300.29 <b>MF:</b> C<sub>12</sub>H<sub>16</sub>N<sub>3</sub>O<sub>6</sub></p>	
<p><b>PS-434 Bromoxynil octanoic acid ester</b> 2,6-Dibromo-4-cyanophenyl octanoate <b>CAS:</b> 1689-99-2 <b>LD<sub>50</sub>:</b> 250mg/kg <b>MW:</b> 403.15 <b>MF:</b> C<sub>15</sub>H<sub>17</sub>Br<sub>2</sub>NO<sub>2</sub></p>	
<p><b>PS-436 2-sec-Butyl-4,6-dinitrophenol triethanolamine salt</b> Gebotox<sup>®</sup> <b>CAS:</b> 6420-47-9 <b>LD<sub>50</sub>:</b> 37mg/kg <b>MW:</b> 389.46 <b>MF:</b> C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>·C<sub>6</sub>H<sub>15</sub>NO<sub>3</sub></p>	
<p><b>PS-437 2,4,5-Trichlorophenol ethanolamine salt</b> <b>CAS:</b> N/A <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 274.53 <b>MF:</b> C<sub>6</sub>H<sub>3</sub>Cl<sub>3</sub>NO<sub>2</sub></p>	
<p><b>PS-450 BDMC</b> 4-Bromo-3,5-dimethyl phenyl-N-methyl carbamate <b>CAS:</b> N/A <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 258.12 <b>MF:</b> C<sub>10</sub>H<sub>12</sub>BrNO<sub>2</sub></p>	
<p><b>PS-501 Molinate</b> S-Ethylhexahydro-1H-azepine-1-carbothioate, Ordram<sup>®</sup>, Hydram, Ethyl-1-hexamethylene imine carbothioate <b>CAS:</b> 2212-67-1 <b>LD<sub>50</sub>:</b> 369mg/kg <b>MW:</b> 187.33 <b>MF:</b> C<sub>9</sub>H<sub>17</sub>NOS</p>	
<p><b>PS-502 Cycloate</b> S-Ethyl cyclohexyl(ethyl)thio carbamate, Ro-Neet, Eurex, S-Ethyl-N-ethyl-N-cyclohexylthio carbamate <b>CAS:</b> 1134-23-2 <b>LD<sub>50</sub>:</b> 2,000mg/kg <b>MW:</b> 215.39 <b>MF:</b> C<sub>11</sub>H<sub>21</sub>NOS</p>	
<p><b>PS-503 Butylate</b> S-Ethyl diisobutylthiocarbamate, Sutan, S-Ethyl-N,N-diisobutylthio carbamate <b>CAS:</b> 2008-41-5 <b>LD<sub>50</sub>:</b> 3,500mg/kg <b>MW:</b> 217.41 <b>MF:</b> C<sub>11</sub>H<sub>23</sub>NOS</p>	
<p><b>PS-504 Vernolate</b> S-Propyl-N,N-dipropylthio carbamate, Vernam<sup>®</sup>, S-Propyl dipropylthio carbamate <b>CAS:</b> 1929-77-7 <b>LD<sub>50</sub>:</b> 1,500mg/kg <b>MW:</b> 203.38 <b>MF:</b> C<sub>10</sub>H<sub>21</sub>NOS</p>	
<p><b>PS-506 Tri-allate</b> S-(2,3,3-Trichloroallyl)diisopropyl thiocarbamate, Avadex BW<sup>®</sup>, 2,3,3-Trichloroallyl-N,N-diisopropyl thiocarbamate, Fargo<sup>®</sup> <b>CAS:</b> 2303-17-5 <b>LD<sub>50</sub>:</b> 1,675mg/kg <b>MW:</b> 304.68 <b>MF:</b> C<sub>10</sub>H<sub>16</sub>Cl<sub>3</sub>NOS</p>	
<p><b>PS-507 Di-allate</b> S-[2,3-Dichloroallyl]-N,N'-diisopropyl thiocarbamate, Avadex<sup>®</sup>, DATC <b>CAS:</b> 2303-16-4 <b>LD<sub>50</sub>:</b> 395mg/kg <b>MW:</b> 270.24 <b>MF:</b> C<sub>10</sub>H<sub>17</sub>Cl<sub>2</sub>NOS</p>	
<p><b>PS-540 Barban</b> 4-Chloro-2-butynyl-m-chlorocarbanilate, 4-Chloro-2-butynyl-N-[3-chloro phenyl]-carbamate, Barbamate<sup>®</sup>, Carbyne<sup>®</sup> <b>CAS:</b> 101-27-9 <b>LD<sub>50</sub>:</b> 600mg/kg <b>MW:</b> 258.11 <b>MF:</b> C<sub>11</sub>H<sub>9</sub>Cl<sub>2</sub>NO<sub>2</sub></p>	
<p><b>PS-541 2,3,5-Trimethylphenyl methyl carbamate</b> 2,3,5-Trimethacarb <b>CAS:</b> 2655-15-4 <b>LD<sub>50</sub>:</b> 208mg/kg <b>MW:</b> 193.27 <b>MF:</b> C<sub>11</sub>H<sub>15</sub>NO<sub>2</sub></p>	
<p><b>PS-542 3,4,5-Trimethylphenyl methyl carbamate</b> 3,4,5-Trimethacarb <b>CAS:</b> 2686-99-9 <b>LD<sub>50</sub>:</b> 178mg/kg <b>MW:</b> 193.27 <b>MF:</b> C<sub>11</sub>H<sub>15</sub>NO<sub>2</sub></p>	<p style="text-align: center;">Structure Not Available</p>
<p><b>PS-543 Methiocarb</b> 3,5-Dimethyl-4-[methylthio]phenyl methyl carbamate, 4-[Methylthio]-3,5-xylyl-N-methyl carbamate, Mesur<sup>®</sup>, Mercaptodimethur <b>CAS:</b> 2032-65-7 <b>LD<sub>50</sub>:</b> 10mg/kg <b>MW:</b> 225.33 <b>MF:</b> C<sub>11</sub>H<sub>15</sub>NO<sub>2</sub>S</p>	
<p><b>PS-550 Terbutol</b> 2,6-Di-t-butyl-p-tolyl-methyl carbamate, 2,6-Di-t-butyl-4-methylphenyl N-methyl carbamate, Terbutarb, Azak<sup>®</sup> <b>CAS:</b> 1918-11-2 <b>LD<sub>50</sub>:</b> 34,000mg/kg <b>MW:</b> 277.45 <b>MF:</b> C<sub>17</sub>H<sub>27</sub>NO<sub>2</sub></p>	
<p><b>PS-551 Baygon<sup>®</sup></b> O-Isopropoxyphenyl methyl carbamate, 2-Isopropoxyphenyl-N-methyl carbamate, Propoxur, Blattax<sup>®</sup>, Uden<sup>®</sup>, Aprocarb<sup>®</sup>, Sendran<sup>®</sup>, Tendex<sup>®</sup>, Suncide<sup>®</sup> <b>CAS:</b> 114-26-1 <b>LD<sub>50</sub>:</b> 83mg/kg <b>MW:</b> 209.27 <b>MF:</b> C<sub>11</sub>H<sub>15</sub>NO<sub>3</sub></p>	
<p><b>PS-553 Devrinol<sup>®</sup></b> 2-(a-Naphthoxy)-N,N-diethyl propionamide, Napropamide<sup>®</sup>, Waylay<sup>®</sup> <b>CAS:</b> 15299-99-7 <b>LD<sub>50</sub>:</b> 500mg/kg <b>MW:</b> 271.39 <b>MF:</b> C<sub>17</sub>H<sub>21</sub>NO<sub>2</sub></p>	
<p><b>PS-551 2,3,5-Triiodobenzoic acid</b> TIBA<sup>®</sup>, Floraltone, Regim-8<sup>®</sup> <b>CAS:</b> 88-82-4 <b>LD<sub>50</sub>:</b> 813mg/kg <b>MW:</b> 499.80 <b>MF:</b> C<sub>7</sub>H<sub>3</sub>I<sub>3</sub>O<sub>2</sub></p>	

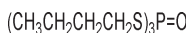
For new pesticides and custom mixtures contact us at +1-610-692-3026 or www.chemservice.com

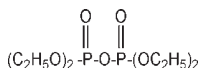


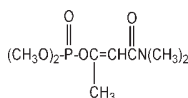
## Chem Service Pesticide Standards - Numerical Listing

Numerical Listing

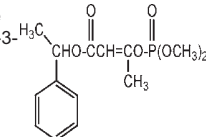
**PS-562 S.S.S-Tributylphosphorotrithioate**

 Degreen, DEF<sup>®</sup>, Fos-Fall "A",  
 E-Z Off D, Chemagro B-1776,  
 Tribufos

**CAS:** 78-48-8 **LD<sub>50</sub>:** 200mg/kg  
**MW:** 314.54 **MF:** C<sub>12</sub>H<sub>27</sub>O<sub>3</sub>PS<sub>3</sub>
**PS-601 Tetraethylpyrophosphate**

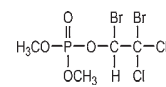
 TEPP, Nifos T<sup>®</sup>, Mortopal<sup>®</sup>, Killaz,  
 Tetron, Ethyl pyrophosphate,  
 Vapoton<sup>®</sup>, HETP

**CAS:** 107-49-3 **LD<sub>50</sub>:** 1mg/kg  
**MW:** 290.22 **MF:** C<sub>8</sub>H<sub>20</sub>O<sub>7</sub>P<sub>2</sub>
**PS-602 Dicrotophos**

 Carbicron, Ektafos<sup>®</sup>,  
 (E)-2-Dimethylcarbamoyl-1-  
 methylvinyl dimethyl phosphate

**CAS:** 141-66-2 **LD<sub>50</sub>:** 16mg/kg  
**MW:** 237.22 **MF:** C<sub>8</sub>H<sub>16</sub>NO<sub>3</sub>P

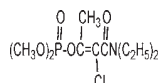
**PS-603 Crotoxyphos**

 a-Methylbenzyl-3-hydroxycrotonate  
 dimethylphosphate, 1-Methylbenzyl-3-  
 [dimethoxyphosphinyloxy]cis-  
 crotonate, Ciodrin<sup>®</sup>

**CAS:** 7700-17-6 **LD<sub>50</sub>:** 53mg/kg  
**MW:** 314.30 **MF:** C<sub>14</sub>H<sub>19</sub>O<sub>6</sub>P

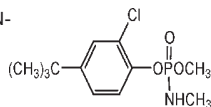
**PS-605 Naled**

 Dibrom, 1,2-Dibromo-2,2-dichloro  
 ethyl dimethylphosphate

**CAS:** 300-76-5 **LD<sub>50</sub>:** 250mg/kg  
**MW:** 380.80 **MF:** C<sub>4</sub>H<sub>7</sub>Br<sub>2</sub>Cl<sub>2</sub>O<sub>4</sub>P

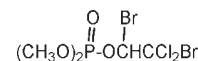
**PS-606 Phosphamidon**

 Dimecron<sup>®</sup>, CIBA 570, 2-Chloro-2-  
 diethylcarbamoyl-1-methylvinyl  
 dimethyl phosphate, 2-Chlorodiethyl  
 carbamoyl methyl vinyl dimethyl  
 phosphate

**CAS:** 13171-21-6 **LD<sub>50</sub>:** 17mg/kg  
**MW:** 299.72 **MF:** C<sub>10</sub>H<sub>19</sub>ClNO<sub>5</sub>P

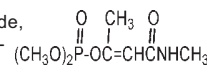
**PS-607 Ruelene<sup>®</sup>**

 4-tert-Butyl-2-chlorophenylmethyl-N-  
 methyl-phosphoramidate, Montrel,  
 Crufomate

**CAS:** 299-86-5 **LD<sub>50</sub>:** 770mg/kg  
**MW:** 291.74 **MF:** C<sub>12</sub>H<sub>19</sub>ClNO<sub>3</sub>P

**PS-608 Dylox<sup>®</sup>**

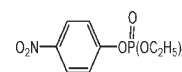
 Dimethyl-[2,2,2-trichloro-1-hydroxy  
 ethyl]phosphonate, Anthon,  
 Dipterex<sup>®</sup>, Dyrex<sup>®</sup>, Neguvon<sup>®</sup>,  
 Trichlorfon, Tugon<sup>®</sup>, Chlorofos,  
 Metrifonate, (2,2,2-Trichloro-1-  
 hydroxyethyl)phosphonic acid  
 dimethyl ester

**CAS:** 52-68-6 **LD<sub>50</sub>:** 150mg/kg  
**MW:** 257.44 **MF:** C<sub>4</sub>H<sub>8</sub>Cl<sub>3</sub>O<sub>4</sub>P

**PS-609 Monocrotophos**

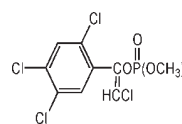
 Dimethyl phosphate ester of  
 3-hydroxy-N-methyl-cis-crotonamide,  
 cis-3-[Dimethoxyphosphinyloxy]-N-  
 methyl-crotonamide, Nuvacron<sup>®</sup>,  
 Azodrin

**CAS:** 6923-22-4 **LD<sub>50</sub>:** 8mg/kg  
**MW:** 223.19 **MF:** C<sub>7</sub>H<sub>14</sub>NO<sub>5</sub>P

**PS-610 Paraoxon**

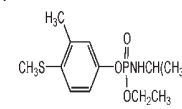
(ACS Standard Grade)

 Diethyl-p-nitrophenylphosphate,  
 Eticol, Fosfakol, Mintacol, Miotisal A,  
 Soluglaucit, O,O-Diethylphosphoric  
 acid-o-p-nitrophenyl ester,  
 Phosphacol, Parathion O-analog

**CAS:** 311-45-5 **LD<sub>50</sub>:** 2mg/kg  
**MW:** 275.22 **MF:** C<sub>10</sub>H<sub>14</sub>NO<sub>6</sub>P

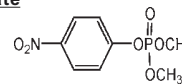
**PS-611 Tetrachlorvinphos**

 2-Chloro-1-[2,4,5-trichlorophenyl]  
 vinyl-dimethylphosphate, Gardona<sup>®</sup>,  
 Rabon<sup>®</sup>, Revap<sup>®</sup>, Stirifos,  
 Dimethyl-1-[2,4,5-trichlorophenyl]-  
 2-chlorovinyl phosphate

**CAS:** 961-11-5 **LD<sub>50</sub>:** 4,000mg/kg  
**MW:** 365.96 **MF:** C<sub>10</sub>H<sub>9</sub>Cl<sub>4</sub>O<sub>4</sub>P

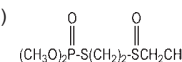
**PS-612 Phenamiphos**

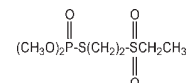
 Ethyl-3-methyl-4-[methylthio]phenyl[1-  
 methylethyl]phosphoramidate,  
 Ethyl-4-[methylthio]-m-tolyl  
 isopropylphosphoroamidate,  
 Nemacur<sup>®</sup>, Fenamiphos

**CAS:** 22224-92-6 **LD<sub>50</sub>:** 8mg/kg  
**MW:** 303.39 **MF:** C<sub>13</sub>H<sub>22</sub>NO<sub>3</sub>PS

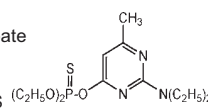
**PS-613 Dimethyl-p-nitrophenylphosphate**

 Methyl paraoxon, Parathion  
 methyl O-analog

**CAS:** 950-35-6 **LD<sub>50</sub>:** 3mg/kg  
**MW:** 247.16 **MF:** C<sub>9</sub>H<sub>10</sub>NO<sub>6</sub>P

**PS-641 Oxydemeton-methyl**

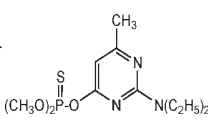
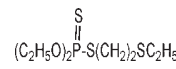
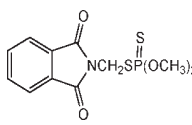
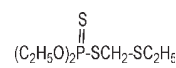
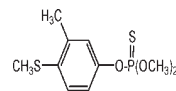
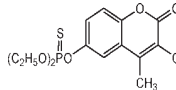
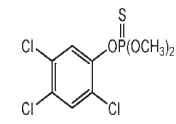
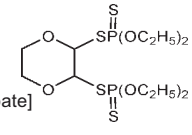
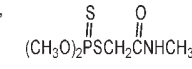
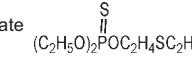
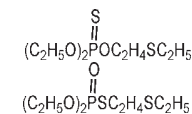
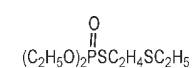
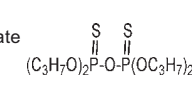
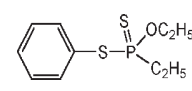
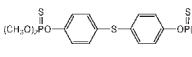
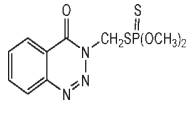
 O,O-Dimethyl-S-(2-ethylsulfinylethyl)  
 phosphorothioate, Metasystox-R<sup>®</sup>,  
 Demeton-S-methyl sulfoxide

**CAS:** 301-12-2 **LD<sub>50</sub>:** 65mg/kg  
**MW:** 246.30 **MF:** C<sub>8</sub>H<sub>15</sub>O<sub>4</sub>PS<sub>2</sub>
**PS-642 Dioxydemeton-S-methyl**

 O,O-Dimethyl-S-(2-ethylsulfonyl  
 ethyl)phosphorothioate,  
 Metasystox R sulfone,  
 Oxydemeton-methyl sulfone,  
 Demeton-S-methyl sulfone

**CAS:** 17040-19-6 **LD<sub>50</sub>:** 40mg/kg  
**MW:** 262.30 **MF:** C<sub>8</sub>H<sub>15</sub>O<sub>5</sub>PS<sub>2</sub>
**PS-643 Pirimiphos-ethyl**

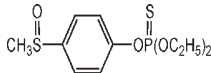
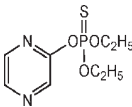
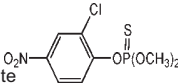
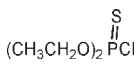
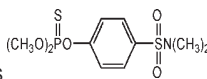
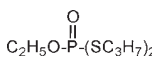
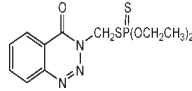
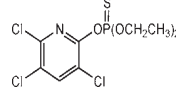
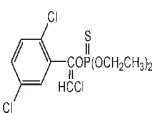
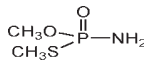
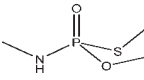
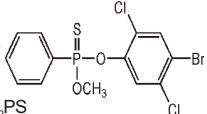
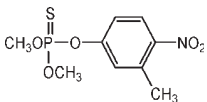
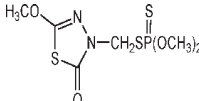
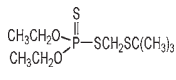
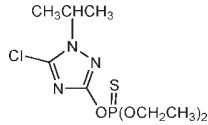
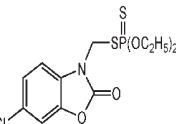
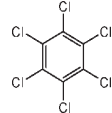
 O,O-Diethyl-O-[2-(diethylamino)-6-  
 methyl-4-pyrimidinyl]phosphorothioate  
 Primicid<sup>®</sup>

**CAS:** 23505-41-1 **LD<sub>50</sub>:** 140mg/kg  
**MW:** 333.43 **MF:** C<sub>13</sub>H<sub>24</sub>N<sub>3</sub>O<sub>3</sub>PS

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

<p><b>PS-644 Pirimiphos-methyl</b> (ACS Standard Grade) O,O-Dimethyl-O-[2-(diethylamino)-6-methyl-4-pyrimidinyl]phosphorothioate, Actellic® <b>CAS:</b> 29232-93-7 <b>LD<sub>50</sub>:</b> 2,000mg/kg <b>MW:</b> 305.37 <b>MF:</b> C<sub>11</sub>H<sub>20</sub>N<sub>3</sub>O<sub>3</sub>PS</p>	
<p><b>PS-652 Disulfoton</b> O,O-Diethyl-S-[2-(ethylthio)ethyl]phosphorodithioate, Di-Syston®, Dithio-Systox®, Thiodemeton®, Dithiodemeton® <b>CAS:</b> 298-04-4 <b>LD<sub>50</sub>:</b> 2mg/kg <b>MW:</b> 274.42 <b>MF:</b> C<sub>8</sub>H<sub>19</sub>O<sub>2</sub>PS<sub>3</sub></p>	
<p><b>PS-653 Imidan®</b> O,O-Dimethyl-S-phthalimido methyl phosphorodithioate, O,O-Dimethyl phthalimido-methyl phosphorothiothionate, Phosmet, Prolate, Phthalophos, N-[Mercaptomethyl]phthalimide-S-[O,O-dimethyl phosphorodithioate] <b>CAS:</b> 732-11-6 <b>LD<sub>50</sub>:</b> 113mg/kg <b>MW:</b> 317.33 <b>MF:</b> C<sub>11</sub>H<sub>12</sub>NO<sub>4</sub>PS<sub>2</sub></p>	
<p><b>PS-654 Phorate</b> (ACS Standard Grade) O,O-Diethyl-S-[(ethylthio)methyl]phosphorodithioate, Thimet® <b>CAS:</b> 298-02-2 <b>LD<sub>50</sub>:</b> 2mg/kg <b>MW:</b> 260.39 <b>MF:</b> C<sub>7</sub>H<sub>17</sub>O<sub>2</sub>PS<sub>3</sub></p>	
<p><b>PS-655 Fenthion</b> (ACS Standard Grade) O,O-Dimethyl-O-[4-(methylthio)-m-tolyl]phosphorothioate, Baytex®, Entex®, Lebaycid®, Mercaptophos®, Tiguvon®, Queleton®, Baycid®, Queletox®, Fenthion-methyl <b>CAS:</b> 55-38-9 <b>LD<sub>50</sub>:</b> 180mg/kg <b>MW:</b> 278.34 <b>MF:</b> C<sub>10</sub>H<sub>15</sub>O<sub>3</sub>PS<sub>2</sub></p>	
<p><b>PS-656 Coumaphos</b> O,O-Diethyl-O-[3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl]phosphorothioate, Muscatox®, Resitox®, Asuntol®, 7-Co-Ral® <b>CAS:</b> 56-72-4 <b>LD<sub>50</sub>:</b> 13mg/kg <b>MW:</b> 362.78 <b>MF:</b> C<sub>14</sub>H<sub>16</sub>ClO<sub>5</sub>PS</p>	
<p><b>PS-657 Fenchlorphos</b> O,O-Dimethyl-O-[2,4,5-trichloro phenyl]phosphorothioate, Etrolene, Korlan®, Nankor®, Ronnel®, Trolene, Viozene® <b>CAS:</b> 299-84-3 <b>LD<sub>50</sub>:</b> 625mg/kg <b>MW:</b> 321.54 <b>MF:</b> C<sub>8</sub>H<sub>8</sub>Cl<sub>3</sub>O<sub>3</sub>PS</p>	
<p><b>PS-658 Dioxathion</b> S,S'-(p-Dioxane-2,3-diyl)O,O,O',O'-tetraethyl di(phosphorodithioate), Delnav®, Navadel®, S,S'-p-Dioxane-2,3-bis[O,O-diethyl phosphorodithioate] <b>CAS:</b> 78-34-2 <b>LD<sub>50</sub>:</b> 23mg/kg <b>MW:</b> 456.56 <b>MF:</b> C<sub>12</sub>H<sub>26</sub>O<sub>6</sub>P<sub>2</sub>S<sub>4</sub></p>	
<p><b>PS-659 Dimethoate</b> (ACS Standard Grade) O,O-Dimethyl-S-(N-methylcarbamoyl methyl)phosphorodithioate, Cygon®, Rogor®, Fostion MM®, Dimetate®, Roxion®, Perfekthion® <b>CAS:</b> 60-51-5 <b>LD<sub>50</sub>:</b> 215mg/kg <b>MW:</b> 229.27 <b>MF:</b> C<sub>5</sub>H<sub>12</sub>NO<sub>3</sub>PS<sub>2</sub></p>	
<p><b>PS-661 Demeton O</b> Di-septon, O,O-Diethyl O-2-(ethylthio)ethyl phosphorothioate, Diethyl 2-eththioethyl thionophosphate <b>CAS:</b> 298-03-3 <b>LD<sub>50</sub>:</b> 2mg/kg <b>MW:</b> 258.341 <b>MF:</b> C<sub>8</sub>H<sub>19</sub>O<sub>3</sub>PS<sub>2</sub></p>	
<p><b>PS-661/662 Demeton O&amp;S</b> Systox <b>CAS:</b> 8065-48-3 <b>LD<sub>50</sub>:</b> 2mg/kg <b>MW:</b> 258.341 <b>MF:</b> C<sub>8</sub>H<sub>19</sub>O<sub>3</sub>PS<sub>2</sub></p>	
<p><b>PS-662 Demeton S</b> O,O-Diethyl-S-[2-(ethylthio)ethyl]phosphorothioate <b>CAS:</b> 126-75-0 <b>LD<sub>50</sub>:</b> 2mg/kg <b>MW:</b> 258.36 <b>MF:</b> C<sub>8</sub>H<sub>19</sub>O<sub>3</sub>PS<sub>2</sub></p>	
<p><b>PS-663 Aspon®</b> O,O,O',O'-Tetrapropyl dithiopyrophosphate, Asp-51, Tetra-n-propyl dithionopyrophosphate <b>CAS:</b> 3244-90-4 <b>LD<sub>50</sub>:</b> 891mg/kg <b>MW:</b> 378.46 <b>MF:</b> C<sub>12</sub>H<sub>28</sub>O<sub>5</sub>P<sub>2</sub>S<sub>2</sub></p>	
<p><b>PS-664 Dyfonate®</b> O-Ethyl-S-phenylethylphosphonodithioate, Fonofos, <b>CAS:</b> 944-22-9 <b>LD<sub>50</sub>:</b> 3mg/kg <b>MW:</b> 246.34 <b>MF:</b> C<sub>10</sub>H<sub>15</sub>OPS<sub>2</sub></p>	
<p><b>PS-665 Abate®</b> O,O,O',O'-Tetramethyl-O,O'-thio-di-p-phenylene phosphorothioate, Abathion®, Abat®, Swebate®, Nimitex®, Biothion®, Temphos, Tetrafenphos, Abaphos® <b>CAS:</b> 3383-96-8 <b>LD<sub>50</sub>:</b> 1,300mg/kg <b>MW:</b> 466.48 <b>MF:</b> C<sub>16</sub>H<sub>20</sub>O<sub>6</sub>P<sub>2</sub>S<sub>3</sub></p>	
<p><b>PS-666 Guthion®</b> O,O-Dimethyl-S-[4-oxo-1,2,3-benzotriazin-3(4H)-ylmethyl]phosphorodithioate, Azinphos methyl, Barben®, Gusathion M® <b>CAS:</b> 86-50-0 <b>LD<sub>50</sub>:</b> 7mg/kg <b>MW:</b> 317.34 <b>MF:</b> C<sub>10</sub>H<sub>12</sub>N<sub>3</sub>O<sub>3</sub>PS<sub>2</sub></p>	

## Chem Service Pesticide Standards - Numerical Listing

- PS-667 Fensulfothion**  
O,O-Diethyl[p-(methylsulfinyl)phenyl]phosphorothioate, Dasanit®, Terracur P®  
CAS: 115-90-2 LD<sub>50</sub>: 5mg/kg  
MW: 308.37 MF: C<sub>11</sub>H<sub>17</sub>O<sub>4</sub>PS<sub>2</sub>
- 
- PS-668 Zinophos®**  
Namafos®, Thionazin, Cynem®, O,O-Diethyl-O-2-pyrazinylphosphorothioate  
CAS: 297-97-2 LD<sub>50</sub>: 4mg/kg  
MW: 248.26 MF: C<sub>8</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub>PS
- 
- PS-669 Dicapthon**  
O,O-Dimethyl-O-(2-chloro-4-nitrophenyl)phosphorothioate, Di-Captan®, O-(2-Chloro-4-nitrophenyl)-O,O-dimethyl phosphorothioate  
CAS: 2463-84-5 LD<sub>50</sub>: 330mg/kg  
MW: 297.66 MF: C<sub>8</sub>H<sub>9</sub>ClNO<sub>3</sub>PS
- 
- PS-670 O,O-Diethyl phosphorochloridothioate**  
CAS: 2524-04-1 LD<sub>50</sub>: 1,000mg/kg  
MW: 188.62 MF: C<sub>4</sub>H<sub>10</sub>ClO<sub>2</sub>PS
- 
- PS-671 Famphur**  
O,O-Dimethyl-O-p-(dimethylsulfamoyl)phenyl phosphorothioate, Warbex®, Famophos®  
CAS: 52-85-7 LD<sub>50</sub>: 28mg/kg  
MW: 325.36 MF: C<sub>10</sub>H<sub>16</sub>NO<sub>3</sub>PS<sub>2</sub>
- 
- PS-672 Propfos**  
O-Ethyl-S,S-dipropylphosphorodithioate, Mocap®, Ethoprop®, Phophos®, Phosethoprop, Ethoprophos®  
CAS: 13194-48-4 LD<sub>50</sub>: 62mg/kg  
MW: 242.36 MF: C<sub>8</sub>H<sub>18</sub>O<sub>2</sub>PS<sub>2</sub>
- 
- PS-673 Guthion Ethyl**  
O,O-Diethyl-S-[4-oxo-1,2,3-benzotriazin-3-[4H]-ylmethyl]phosphorodithioate, Azinphos ethyl, Gusathion A®  
CAS: 2642-71-9 LD<sub>50</sub>: 12mg/kg  
MW: 345.40 MF: C<sub>12</sub>H<sub>16</sub>N<sub>3</sub>O<sub>3</sub>PS<sub>2</sub>
- 
- PS-674 Chlorpyrifos**  
(ACS Standard Grade)  
O,O-Diethyl-O-[3,5,6-trichloro-2-pyridyl]-phosphorothioate, Dursban®, Trichlorpyrphos, Pynrex®  
CAS: 2921-88-2 LD<sub>50</sub>: 82mg/kg  
MW: 350.59 MF: C<sub>9</sub>H<sub>11</sub>Cl<sub>3</sub>NO<sub>3</sub>PS
- 
- PS-675 Akton®**  
O,O-Diethyl-O-[2-chloro-1-[2,5-dichlorophenyl]vinyl]phosphorothioate, O-[2-Chloro-1-[2,5-dichlorophenyl]vinyl]-O,O-diethyl phosphorothioate  
CAS: 1757-18-2 LD<sub>50</sub>: 146mg/kg  
MW: 375.64 MF: C<sub>12</sub>H<sub>14</sub>Cl<sub>3</sub>O<sub>3</sub>PS
- 
- PS-676 Methamidophos**  
(ACS Standard Grade)  
O,S-Dimethyl phosphoramidodithioate, Monitor®, Tamaron®  
CAS: 10265-92-6 LD<sub>50</sub>: 30mg/kg  
MW: 141.14 MF: C<sub>2</sub>H<sub>8</sub>NO<sub>2</sub>PS
- 
- PS-676-1 N-Methyl-methamidophos**  
CAS: 28167-49-9 LD<sub>50</sub>: N/A  
MW: 155.0 MF: C<sub>3</sub>H<sub>10</sub>NO<sub>2</sub>PS
- 
- PS-677 Leptophos**  
O-(4-Bromo-2,5-dichlorophenyl)-O-methylphenyl phosphonothioate, Phosvel®, Abar®, Lepton®  
CAS: 21609-90-5 LD<sub>50</sub>: 43mg/kg  
MW: 412.07 MF: C<sub>13</sub>H<sub>10</sub>BrCl<sub>2</sub>O<sub>2</sub>PS
- 
- PS-678 Fenitrothion**  
O,O-Dimethyl-O-(4-nitro-m-tolyl)phosphorothioate, Accothion®, Folithion®, Sumithion®, Cytel®, Cyfen®  
CAS: 122-14-5 LD<sub>50</sub>: 250mg/kg  
MW: 277.24 MF: C<sub>9</sub>H<sub>12</sub>NO<sub>3</sub>PS
- 
- PS-679 Methidathion**  
O,O-Dimethyl phosphorodithioate, S-ester with 4-[mercaptomethyl]-2-methoxy-delta<sup>2</sup>-1,3,4-thiadiazolin-5-one, Supracide®  
CAS: 950-37-8 LD<sub>50</sub>: 43mg/kg  
MW: 302.34 MF: C<sub>6</sub>H<sub>11</sub>N<sub>2</sub>O<sub>4</sub>PS<sub>2</sub>
- 
- PS-680 Terbufos**  
(ACS Standard Grade)  
S-[(1,1-Dimethylethylthio)methyl]-O,O-diethyl phosphorodithioate, Counter®  
CAS: 13071-79-9 LD<sub>50</sub>: 5mg/kg  
MW: 288.45 MF: C<sub>9</sub>H<sub>21</sub>O<sub>2</sub>PS<sub>3</sub>
- 
- PS-681 Isazophos**  
O,O-Diethyl-O-[1-isopropyl-5-chloro-1,2,4-triazolyl-[3]]-phosphorothioate, Miral®  
CAS: 42509-80-8 LD<sub>50</sub>: 40mg/kg  
MW: 313.77 MF: C<sub>9</sub>H<sub>17</sub>ClN<sub>3</sub>O<sub>3</sub>PS
- 
- PS-682 Phosalone**  
O,O-Diethyl-S-[(6-chloro-2-oxobenzoxazolin-3-yl)-methyl]-phosphorodithioate, Zolone®, Azofene, Rubitox  
CAS: 2310-17-0 LD<sub>50</sub>: 120mg/kg  
MW: 367.82 MF: C<sub>12</sub>H<sub>15</sub>ClNO<sub>4</sub>PS<sub>2</sub>
- 
- PS-690 Hexachlorobenzene**  
Perchlorobenzene, Anticarie®, Bunt-cure®, Bunt-no-more®, HCB®, Julin's carbon chloride  
CAS: 118-74-1 LD<sub>50</sub>: 10,000mg/kg  
MW: 284.76 MF: C<sub>6</sub>Cl<sub>6</sub>
- 

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## Chem Service Pesticide Standards - Numerical Listing

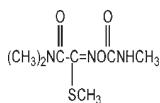
<p><b>PS-691 BHC beta isomer</b> (ACS Standard Grade) 1.2.3.4.5.6-Hexachlorocyclohexane [b-isomer], b-BHC, beta-Benzenhexachloride, beta-BHC, beta-Hexachloro cyclohexane, beta-HCH <b>CAS:</b> 319-85-7 <b>LD<sub>50</sub>:</b> 6,000mg/kg <b>MW:</b> 290.82 <b>MF:</b> C<sub>6</sub>H<sub>6</sub>Cl<sub>6</sub></p>	<p><b>PS-700 Heptachlor epoxide (Isomer B)</b> (ACS Standard Grade) 1.4.5.6.7.8.8-Heptachloro-2,3-epoxy-3a.4.7.7a-tetrahydro-4,7-methanoindan <b>CAS:</b> 1024-57-3 <b>LD<sub>50</sub>:</b> 15mg/kg <b>MW:</b> 389.30 <b>MF:</b> C<sub>10</sub>H<sub>5</sub>Cl<sub>7</sub>O</p>
<p><b>PS-692 BHC alpha isomer</b> (ACS Standard Grade) 1.2.3.4.5.6-Hexachlorocyclohexane [a-isomer], alpha-Hexachloro cyclohexane, alpha-Benzenhexachloride, a-BHC, alpha-BHC, alpha-HCH <b>CAS:</b> 319-84-6 <b>LD<sub>50</sub>:</b> 177mg/kg <b>MW:</b> 290.82 <b>MF:</b> C<sub>6</sub>H<sub>6</sub>Cl<sub>6</sub></p>	<p><b>PS-700-1 trans-Heptachlor epoxide</b> trans-Heptachlor epoxide (Isomer A), 1,4.5.6.7.8.8-Heptachloro-2,3-epoxy-3a.4.7.7a-tetrahydro-4,7-methanoindan <b>CAS:</b> 28044-83-9 <b>LD<sub>50</sub>:</b> 15mg/kg <b>MW:</b> 389.30 <b>MF:</b> C<sub>10</sub>H<sub>5</sub>Cl<sub>7</sub>O</p>
<p><b>PS-693 BHC delta isomer</b> (ACS Standard Grade) delta-Hexachlorocyclohexane, delta-Benzenhexachloride, d-BHC, delta-BHC, 1.2.3.4.5.6-Hexachlorocyclohexane [d-isomer], delta-HCH <b>CAS:</b> 319-86-8 <b>LD<sub>50</sub>:</b> 1,000mg/kg <b>MW:</b> 290.82 <b>MF:</b> C<sub>6</sub>H<sub>6</sub>Cl<sub>6</sub></p>	<p><b>PS-701 Kepone®</b> (ACS Standard Grade) Decachloro octahydro-1.3.4-metheno-2H-cyclobuta[cd]pentalen-2-one, Chlordecone <b>CAS:</b> 143-50-0 <b>LD<sub>50</sub>:</b> 114mg/kg <b>MW:</b> 490.60 <b>MF:</b> C<sub>10</sub>Cl<sub>10</sub>O</p>
<p><b>PS-694 o,p'-DDD</b> (ACS Standard Grade) 1.1-Dichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)ethane <b>CAS:</b> 53-19-0 <b>LD<sub>50</sub>:</b> 10,000mg/kg <b>MW:</b> 320.04 <b>MF:</b> C<sub>14</sub>H<sub>10</sub>Cl<sub>4</sub></p>	<p><b>PS-702 Mirex</b> (ACS Standard Grade) Dodecachloro octahydro-1.3.4-metheno-2H-cyclobuta[cd]pentalene, Perchloropentacyclodecane Decchlorane® <b>CAS:</b> 2385-85-5 <b>LD<sub>50</sub>:</b> 306mg/kg <b>MW:</b> 545.50 <b>MF:</b> C<sub>10</sub>Cl<sub>12</sub></p>
<p><b>PS-695 o,p'-DDE</b> (ACS Standard Grade) 1.1-Dichloro-2-(p-chlorophenyl)-2-(o-chlorophenyl)ethylene <b>CAS:</b> 3424-82-6 <b>LD<sub>50</sub>:</b> 880mg/kg <b>MW:</b> 318.02 <b>MF:</b> C<sub>14</sub>H<sub>9</sub>Cl<sub>4</sub></p>	<p><b>PS-704 Isobenzan</b> 1.3.4.5.6.7.8.8-Octachloro-1.3.3a.4.7.7a-hexahydro-4,7-methanoisobenzofuran, Telodrin®, Omtan <b>CAS:</b> 297-78-9 <b>LD<sub>50</sub>:</b> 2mg/kg <b>MW:</b> 411.73 <b>MF:</b> C<sub>9</sub>H<sub>4</sub>Cl<sub>8</sub>O</p>
<p><b>PS-696 p,p'-DDE</b> (ACS Standard Grade) 1.1-Dichloro-2.2-bis(p-chlorophenyl)ethylene <b>CAS:</b> 72-55-9 <b>LD<sub>50</sub>:</b> 880mg/kg <b>MW:</b> 318.02 <b>MF:</b> C<sub>14</sub>H<sub>9</sub>Cl<sub>4</sub></p>	<p><b>PS-730 2-[2-Butoxyethoxy]ethyl thiocyanate</b> Lethane 384®, Lethane® <b>CAS:</b> 112-56-1 <b>LD<sub>50</sub>:</b> 90mg/kg <b>MW:</b> 203.33 <b>MF:</b> C<sub>9</sub>H<sub>17</sub>NO<sub>2</sub>S</p>
<p><b>PS-698 o,p'-DDT</b> (ACS Standard Grade) 1.1.1-Trichloro-2-(o-chlorophenyl)-2-(p-chlorophenyl)ethane <b>CAS:</b> 789-02-6 <b>LD<sub>50</sub>:</b> 1,000mg/kg <b>MW:</b> 354.48 <b>MF:</b> C<sub>14</sub>H<sub>9</sub>Cl<sub>5</sub></p>	<p><b>PS-731 Isobornyl thiocyanacetate</b> Thanite®, Terpinyl thiocyanacetate <b>CAS:</b> 115-31-1 <b>LD<sub>50</sub>:</b> 1,000mg/kg <b>MW:</b> 253.39 <b>MF:</b> C<sub>13</sub>H<sub>19</sub>NO<sub>2</sub>S</p>
<p><b>PS-699 p,p'-DDT</b> (ACS Standard Grade) 1.1.1-Trichloro-2.2-bis(p-chlorophenyl)ethane <b>CAS:</b> 50-29-3 <b>LD<sub>50</sub>:</b> 87mg/kg <b>MW:</b> 354.48 <b>MF:</b> C<sub>14</sub>H<sub>9</sub>Cl<sub>5</sub></p>	<p><b>PS-733 Phenothiazine</b> Dibenzo-1.4-thiazine, Thiodiphenylamine, Phenoxur, Vermitin <b>CAS:</b> 92-84-2 <b>LD<sub>50</sub>:</b> 5,000mg/kg <b>MW:</b> 199.28 <b>MF:</b> C<sub>12</sub>H<sub>9</sub>NS</p>
	<p><b>PS-734 Aldicarb</b> 2-Methyl-2-[methylthio]propion aldehyde-O-[methylcarbamoxy]oxime, Temik® <b>CAS:</b> 116-06-3 <b>LD<sub>50</sub>:</b> 1mg/kg <b>MW:</b> 190.3 <b>MF:</b> C<sub>7</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>S</p>

Numerical Listing

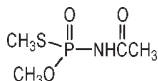
For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

## Chem Service Pesticide Standards - Numerical Listing

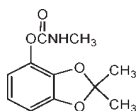
**PS-737 Oxamyl**  
 N,N-Dimethyl-2-methylcarbamoyl oxyimino-2-(methylthio)acetamide, S-methyl-N',N'-dimethyl-N-(methylcarbamoyloxy)-1-thio-oxamimidate  
**CAS:** 23135-22-0 **LD<sub>50</sub>:** 5mg/kg  
**MW:** 219.29 **MF:** C<sub>7</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub>S



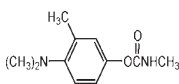
**PS-738 Acephate**  
*(ACS Standard Grade)*  
 O,S-Dimethyl acetylphosphoramido thioate, Orthene®  
**CAS:** 30560-19-1 **LD<sub>50</sub>:** 700mg/kg  
**MW:** 183.18 **MF:** C<sub>4</sub>H<sub>10</sub>NO<sub>3</sub>PS



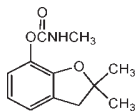
**PS-739 Bendiocarb**  
 2,2-Dimethylbenzo-1,3-dioxol-4-yl methylcarbamate, Ficom®  
**CAS:** 22781-23-3 **LD<sub>50</sub>:** 40mg/kg  
**MW:** 223.25 **MF:** C<sub>11</sub>H<sub>13</sub>NO<sub>4</sub>



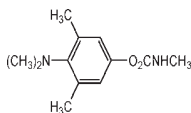
**PS-751 Aminocarb**  
 4-Dimethylamino-m-tolyl-methyl carbamate, Matacil®  
**CAS:** 2032-59-9 **LD<sub>50</sub>:** 30mg/kg  
**MW:** 208.29 **MF:** C<sub>11</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>



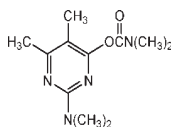
**PS-754 Carbofuran**  
 2,3-Dihydro-2,2-dimethyl-benzofuran-7-yl methylcarbamate, Furadan®, 4-Dimethylamino-3,5-xyl-yl-methylcarbamate  
**CAS:** 1563-66-2 **LD<sub>50</sub>:** 8mg/kg  
**MW:** 221.28 **MF:** C<sub>12</sub>H<sub>15</sub>NO<sub>3</sub>



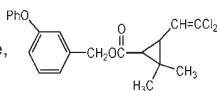
**PS-756 Zectran**  
 4-(Dimethylamino)-3,5-dimethyl phenyl methylcarbamate, Mexacarbate  
**CAS:** 315-18-4 **LD<sub>50</sub>:** 24mg/kg  
**MW:** 222.32 **MF:** C<sub>12</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>



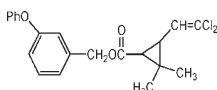
**PS-757 Pirimicarb**  
 Pirimor®, 2-[Dimethylamino]-5,6-dimethyl-4-pyrimidinyl dimethyl carbamate  
**CAS:** 23103-98-2 **LD<sub>50</sub>:** 147mg/kg  
**MW:** 238.33 **MF:** C<sub>11</sub>H<sub>18</sub>N<sub>4</sub>O<sub>2</sub>



**PS-758 Permethrin**  
 [3-Phenoxyphenyl] methyl-[-]-cis, trans-3-[2,2-dichloroethenyl]-2,2-dimethylcyclopropane carboxylate, Ambush  
**CAS:** 52645-53-1 **LD<sub>50</sub>:** 383mg/kg  
**MW:** 391.31 **MF:** C<sub>21</sub>H<sub>20</sub>Cl<sub>2</sub>O<sub>3</sub>

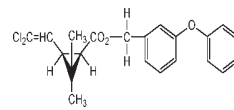


**PS-758-1 cis-Permethrin**  
 (3-Phenoxyphenyl)methyl-cis-3-(2,2-dichloroethenyl)-2,2-dimethyl cyclopropanecarboxylate  
**CAS:** 52341-33-0 **LD<sub>50</sub>:** N/A  
**MW:** 391.31 **MF:** C<sub>21</sub>H<sub>20</sub>Cl<sub>2</sub>O<sub>3</sub>

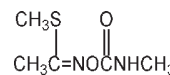


**PS-758-2 trans-Permethrin (Isomeric Mix)**

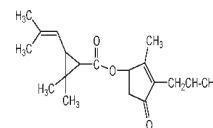
Trans-meta-Phenoxybenzyl, 3-(2,2-dichlorovinyl)-2,2-dimethyl cyclopropanecarboxylate  
**CAS:** 61949-77-7 **LD<sub>50</sub>:** 800mg/kg  
**MW:** 391.31 **MF:** C<sub>21</sub>H<sub>20</sub>Cl<sub>2</sub>O<sub>3</sub>



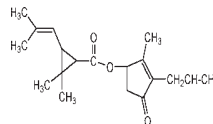
**PS-775 Methomyl**  
 S-Methyl-N-[(methylcarbamoyl)oxy] thioacetimidate, Lannate®  
**CAS:** 16752-77-5 **LD<sub>50</sub>:** 17mg/kg  
**MW:** 162.23 **MF:** C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>S



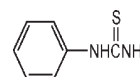
**PS-790 S-Bioallethrin**  
 d-2-Allyl-4-hydroxy-3-methyl-2-cyclopentene-1-one, d-trans-chrysanthemummonocarboxylic acid ester, Esbiol®  
**CAS:** 28434-00-6 **LD<sub>50</sub>:** 430mg/kg  
**MW:** 302.4 **MF:** C<sub>19</sub>H<sub>26</sub>O<sub>3</sub>



**PS-791 Bioallethrin**  
 d-trans-Allethrin  
**CAS:** 28057-48-9 **LD<sub>50</sub>:** 425mg/kg  
**MW:** 302.45 **MF:** C<sub>19</sub>H<sub>26</sub>O<sub>3</sub>



**PS-801 Phenyl-2-thiourea**  
 Phenylthiocarbamide  
**CAS:** 103-85-5 **LD<sub>50</sub>:** 3mg/kg  
**MW:** 152.23 **MF:** C<sub>7</sub>H<sub>8</sub>N<sub>2</sub>S



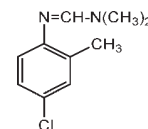
**PS-803 Zinc phosphate**  
**CAS:** N/A **LD<sub>50</sub>:** N/A  
**MW:** 458.11 **MF:** Zn<sub>3</sub>H<sub>8</sub>O<sub>12</sub>P<sub>2</sub>



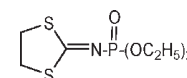
**PS-804 Thallium sulfate**  
 Thallous sulfate  
**CAS:** 7446-18-6 **LD<sub>50</sub>:** 16mg/kg  
**MW:** 504.80 **MF:** O<sub>4</sub>S<sub>2</sub>Tl



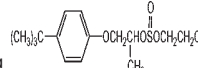
**PS-840 Chlordimeform**  
 N,N-Dimethyl-N'-(2-methyl-4-chlorophenyl)-formanidine, N'-(4-Chloro-o-tolyl)-N,N-dimethyl formanidine, Chlorphenamidin®, Fundal®, Chlorophedine®, Glaecron®, Schering 36268  
**CAS:** 6164-98-3 **LD<sub>50</sub>:** 340mg/kg  
**MW:** 196.70 **MF:** C<sub>10</sub>H<sub>13</sub>ClN<sub>2</sub>



**PS-842 Phosfolan**  
 Cyclic ethylene[diethoxy phosphinyl] dithio-imidocarbonate, Cyolane®, Cyolan®, Cyalane®, Cylan®  
**CAS:** 947-02-4 **LD<sub>50</sub>:** 10mg/kg  
**MW:** 255.31 **MF:** C<sub>7</sub>H<sub>14</sub>NO<sub>3</sub>PS<sub>2</sub>

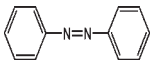
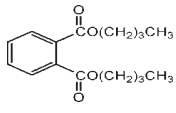
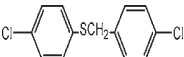
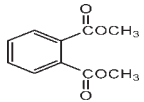
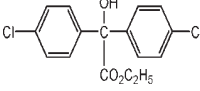
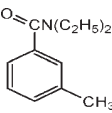
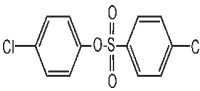
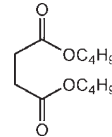
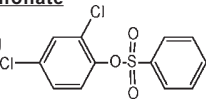
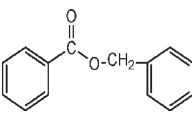
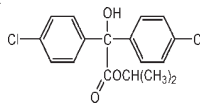
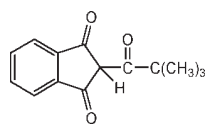
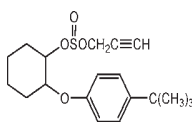
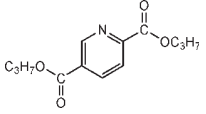
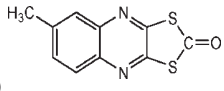
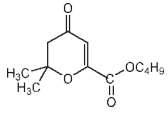
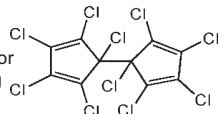
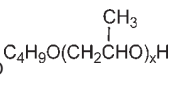


**PS-850 Aramite (0.1mg/ml in Hexane)**  
 2[p-tert-Butylphenoxy]iso-propyl-2-chloroethyl sulfite, Niagarmite®, Aracide®, Ortho-mite®  
**CAS:** 140-57-8 **LD<sub>50</sub>:** 2,000mg/kg  
**MW:** 334.89 **MF:** C<sub>15</sub>H<sub>23</sub>ClO<sub>4</sub>S

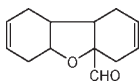
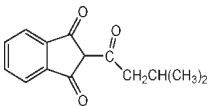
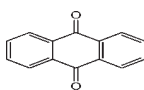
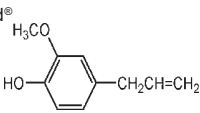
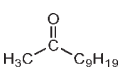
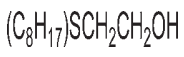
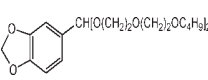
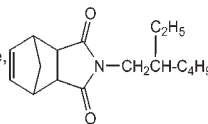
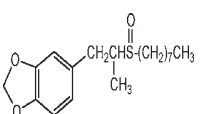
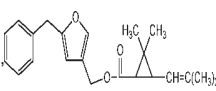
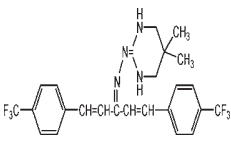
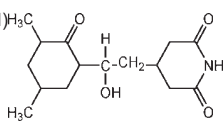
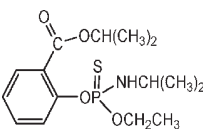
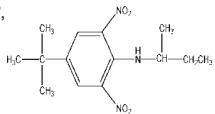
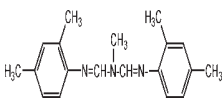
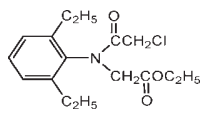
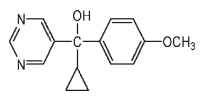
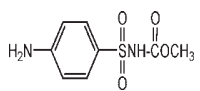
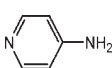


**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

<p><b>PS-851 Azobenzene</b> Diphenyl diimide, Azobenzide®, Bensofume®, Azofume® CAS: 103-33-3 LD<sub>50</sub>: 1,000mg/kg MW: 182.24 MF: C<sub>12</sub>H<sub>10</sub>N<sub>2</sub></p>		<p><b>PS-900 Di-n-butylphthalate</b> Dibutylphthalate, DBP® CAS: 84-74-2 LD<sub>50</sub>: 8,000mg/kg MW: 278.38 MF: C<sub>16</sub>H<sub>22</sub>O<sub>4</sub></p>	
<p><b>PS-853 Chlorbenside</b> p-Chlorobenzyl-p-chlorophenyl sulfide, Chloroparacide®, Mitox® Chlorosulphacide® CAS: 103-17-3 LD<sub>50</sub>: 2,000mg/kg MW: 269.19 MF: C<sub>13</sub>H<sub>10</sub>Cl<sub>2</sub>S</p>		<p><b>PS-901 Dimethylphthalate</b> Avolin®, Fermine, Mipax®, DMP®, Palatinol M®, Phthalic acid dimethyl ester, Methyl phthalate, Dimethyl 1,2-benzendicarboxylate CAS: 131-11-3 LD<sub>50</sub>: 8,200mg/kg MW: 194.20 MF: C<sub>10</sub>H<sub>10</sub>O<sub>4</sub></p>	
<p><b>PS-854 Chlorobenzilate</b> (ACS Standard Grade) Ethyl-4,4'-dichlorobenzilate, Acarben®, Akar®, Folbex® CAS: 510-15-6 LD<sub>50</sub>: 700mg/kg MW: 325.20 MF: C<sub>16</sub>H<sub>14</sub>Cl<sub>2</sub>O<sub>3</sub></p>		<p><b>PS-902 N,N-Diethyl-m-toluamide</b> DEET, Delphene®, Detamide®, Dieltamid®, Feypel®, Meta-delphene® OFF®, m-Toluic Acid diethylamide CAS: 134-62-3 LD<sub>50</sub>: 2,000mg/kg MW: 191.27 MF: C<sub>12</sub>H<sub>17</sub>NO</p>	
<p><b>PS-855 Ovxex</b> p-Chlorophenyl-p-chlorobenzene sulfonate, Chlorfenson®, Ovotran®, Ovotox®, Mitrans®, Lethalaire®, Estonite®, Orthotran® CAS: 80-33-1 LD<sub>50</sub>: 2,000mg/kg MW: 303.16 MF: C<sub>12</sub>H<sub>8</sub>Cl<sub>2</sub>O<sub>3</sub>S</p>		<p><b>PS-903 Dibutyl succinate</b> Di-n-butyl succinate, Succinic acid dibutyl ester, Tabatrex®, CAS: 141-03-7 LD<sub>50</sub>: 8,000mg/kg MW: 230.34 MF: C<sub>12</sub>H<sub>22</sub>O<sub>4</sub></p>	
<p><b>PS-856 2,4-Dichlorophenyl benzenesulfonate</b> Genite®, Genitol® CAS: 97-16-5 LD<sub>50</sub>: 1,400mg/kg MW: 303.16 MF: C<sub>12</sub>H<sub>8</sub>Cl<sub>2</sub>O<sub>3</sub>S</p>		<p><b>PS-904 Benzyl benzoate</b> Ascabin, Ascabiol®, Benylate®, Vanzoate®, Venzonate®, Benzoic acid benzyl ester, Benzyl benzenecarboxylate, CAS: 120-51-4 LD<sub>50</sub>: 500mg/kg MW: 212.26 MF: C<sub>14</sub>H<sub>12</sub>O<sub>2</sub></p>	
<p><b>PS-857 Isopropyl-4,4'-dichlorobenzilate</b> Chloropropylate, Acaralate®, Rospin®, Chlorpropylat CAS: 5836-10-2 LD<sub>50</sub>: N/A MW: 339.23 MF: C<sub>17</sub>H<sub>16</sub>Cl<sub>2</sub>O<sub>3</sub></p>		<p><b>PS-905 2-Pivaloyl-1,3-indandione</b> 2-Trimethylacetyl-1,3-indandione, Pindone, 2-Pivalyl-1,3-indandione, Pival®, Tri-Ban®, Pivalyl Valone®, Pivalyn®, Pivalyl indandione®, CAS: 83-26-1 LD<sub>50</sub>: 280mg/kg MW: 230.28 MF: C<sub>14</sub>H<sub>14</sub>O<sub>3</sub></p>	
<p><b>PS-858 Omite®</b> 2-[p-tert-Butylphenoxy]cyclohexyl -2-propynyl sulfite, Propargite®, Uniroyal DO 14 CAS: 2312-35-8 LD<sub>50</sub>: 2,200mg/kg MW: 350.51 MF: C<sub>19</sub>H<sub>26</sub>O<sub>4</sub>S</p>		<p><b>PS-906 Di-n-propyl isocinchomerate</b> MGK Repellent 326®, MGK 326® CAS: 136-45-8 LD<sub>50</sub>: 5,230mg/kg MW: 251.31 MF: C<sub>15</sub>H<sub>17</sub>NO<sub>4</sub></p>	
<p><b>PS-860 Quinomethionate</b> 6-Methyl-2,3-quinoxalinedithiol cyclic-S,S,-dithiocarbonate, Morestan R®, Oxythioquinox Chinomethionate, 6-Methyl-1,3-dithiol[4,5-b]quinoxalin-2-one, S,S-(6-Methylquinoxaline-2,3-diyl) dithiocarbonate, 6-Methyl-1,3-dithiol[4,5-b]quinoxalin-2-one CAS: 2439-01-2 LD<sub>50</sub>: 1,100mg/kg MW: 234.30 MF: C<sub>10</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub></p>		<p><b>PS-907 Butylmesityl oxide oxalate</b> Butyl-3,4-dihydro-2,2-dimethyl-4-oxo-1,2-H-pyran-[6-carboxylate], Butopyronoxyl, Indalone®, Dihydropyrone® CAS: 532-34-3 LD<sub>50</sub>: 7,840mg/kg MW: 226.30 MF: C<sub>12</sub>H<sub>18</sub>O<sub>4</sub></p>	
<p><b>PS-862 Pentac®</b> Decachlorobis(2,4-cyclopentadiene-1-yl), Bis(pentachloro-2,4-cyclopentadien-1-yl), Dienochlor CAS: 2227-17-0 LD<sub>50</sub>: 3,160mg/kg MW: 474.60 MF: C<sub>10</sub>Cl<sub>10</sub></p>		<p><b>PS-908 Butoxypolypropylene glycol</b> Crag Fly Repellent®, Stabilene® CAS: 9003-13-8 LD<sub>50</sub>: 11,200mg/kg MW: N/A MF: (C<sub>3</sub>H<sub>6</sub>O)<sub>n</sub>.C<sub>4</sub>H<sub>10</sub>O</p>	

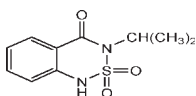
## Chem Service Pesticide Standards - Numerical Listing

<p><b>PS-910 MGK R-11<sup>®</sup></b> 2.3:4.5-Bis(2-butylene)tetrahydro-2-furaldehyde CAS: 126-15-8 LD<sub>50</sub>: 2,500mg/kg MW: 204.29 MF: C<sub>13</sub>H<sub>16</sub>O<sub>2</sub></p>	
<p><b>PS-911 2-Isovaleryl-1.3-indanedione</b> PMP<sup>®</sup>, Valone<sup>®</sup> CAS: 83-28-3 LD<sub>50</sub>: 250mg/kg MW: 230.28 MF: C<sub>14</sub>H<sub>14</sub>O<sub>3</sub></p>	
<p><b>PS-926 9.10-Anthraquinone</b> Anthraquinone, Corbit<sup>®</sup> CAS: 84-65-1 LD<sub>50</sub>: N/A MW: 208.22 MF: C<sub>14</sub>H<sub>8</sub>O<sub>2</sub></p>	
<p><b>PS-940 4-Allyl-2-methoxyphenol</b> Eugenol, Allylguaiacol<sup>®</sup>, Eugenic acid<sup>®</sup> Caryophyllenic acid<sup>®</sup> CAS: 97-53-0 LD<sub>50</sub>: 2,680mg/kg MW: 164.22 MF: C<sub>10</sub>H<sub>12</sub>O<sub>2</sub></p>	
<p><b>PS-951 2-Undecanone</b> CAS: 112-12-9 LD<sub>50</sub>: 5,000mg/kg MW: 170.33 MF: C<sub>11</sub>H<sub>22</sub>O</p>	
<p><b>PS-952 2-Hydroxyethyl-n-octyl sulphide</b> 2-(Octylthio)ethanol, MGK Repellent 874<sup>®</sup> Phillips R-874<sup>®</sup> CAS: 3547-33-9 LD<sub>50</sub>: 8,530mg/kg MW: 190.38 MF: C<sub>10</sub>H<sub>22</sub>OS</p>	
<p><b>PS-960 Piprotal</b> Piperonal bis[2-(2-n-butoxyethoxy)ethyl] acetal, Tropicat<sup>®</sup> CAS: 5281-13-0 LD<sub>50</sub>: 4,400mg/kg MW: 456.64 MF: C<sub>24</sub>H<sub>40</sub>O<sub>8</sub></p>	
<p><b>PS-962 MGK 264<sup>®</sup></b> N-[2-Ethylhexyl]bicyclo-[2.2.1]-5-heptene-2.3-dicarboximide, N-Octylbicycloheptene dicarboximide, Van Dyke 264<sup>®</sup>, Octacide 264<sup>®</sup> CAS: 113-48-4 LD<sub>50</sub>: 2,800mg/kg MW: 275.43 MF: C<sub>17</sub>H<sub>25</sub>NO<sub>2</sub></p>	
<p><b>PS-976 Sulfoxide</b> 1.2-Methylenedioxy-4-[2-(octylsulfinyl)propyl]benzene, Sulfox-cide, Sulfoxone sodium, Sulfoxyl<sup>®</sup>, n-Octyl sulphoxide of isosafrole, Sulfox-Ade CAS: 120-62-7 LD<sub>50</sub>: 2,000mg/kg MW: 324-52 MF: C<sub>18</sub>H<sub>26</sub>O<sub>3</sub>S</p>	
<p><b>PS-1000 Resmethrin</b> (5-Benzyl-3-furyl)methyl-2.2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate, Chryson<sup>®</sup>, Synthrin<sup>®</sup>, Benzofuroline, SBP 1382 CAS: 10453-86-8 LD<sub>50</sub>: 0mg/kg MW: 338.48 MF: C<sub>22</sub>H<sub>26</sub>O<sub>3</sub></p>	
<p><b>PS-1001 Amdro</b> Tetrahydro-5.5-dimethyl-2(1H)-pyrimidinone [3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone, Hydramethylnon CAS: 67485-29-4 LD<sub>50</sub>: 1,131mg/kg MW: 494.53 MF: C<sub>25</sub>H<sub>24</sub>F<sub>6</sub>N<sub>4</sub></p>	
<p><b>PS-1002 Cycloheximide</b> 3-[2(3.5-Dimethyl-2-oxocyclohexyl)H<sub>3</sub>C-2-hydroxyethyl]-glutarimide, Acti-Aid<sup>®</sup> CAS: 66-81-9 LD<sub>50</sub>: 2mg/kg MW: 281.39 MF: C<sub>15</sub>H<sub>23</sub>NO<sub>4</sub></p>	
<p><b>PS-1003 Isofenphos</b> 1-Methylethyl-2-[[ethoxy[(1-methyl ethyl)amino]phosphinothioyl]-oxy]benzoate, Amaze<sup>®</sup>, Oftanol CAS: 25311-71-1 LD<sub>50</sub>: 28mg/kg MW: 345.43 MF: C<sub>15</sub>H<sub>24</sub>N<sub>3</sub>O<sub>4</sub>PS</p>	
<p><b>PS-1004 Butralin</b> Amex<sup>®</sup>, Tabamex<sup>®</sup>, Tamex<sup>®</sup>, Tobago<sup>®</sup>, 4-(1.1-Dimethylethyl)-N-(1-methylpropyl)-2.6-dinitrobenzamine CAS: 33629-47-9 LD<sub>50</sub>: 2,000mg/kg MW: 295.34 MF: C<sub>14</sub>H<sub>21</sub>N<sub>3</sub>O<sub>4</sub></p>	
<p><b>PS-1005 Amitraz</b> N'-(2.4-Dimethylphenyl)-N-[(2.4-dimethylphenyl)imino]methyl]-N-methylmethanimidamide, N-Methyl-N'-2.4-xylyl-N-(N-2.4-xylylformimidoyl)formamidine, Mitac<sup>®</sup>, BAAM<sup>®</sup>, BTS 27419 CAS: 33089-61-1 LD<sub>50</sub>: 800mg/kg MW: 293.45 MF: C<sub>19</sub>H<sub>23</sub>N<sub>3</sub></p>	
<p><b>PS-1006 Diethatyl ethyl</b> N-Chloroacetyl-N-(2.6-diethylphenyl)-glycine ethyl ester, Antor<sup>®</sup>, CAS: 38727-55-8 LD<sub>50</sub>: 2,300mg/kg MW: 311.84 MF: C<sub>16</sub>H<sub>22</sub>ClNO<sub>3</sub></p>	
<p><b>PS-1008 Ancymidol</b> a-Cyclopropyl-a(p-methoxyphenyl)-5-pyrimidine methanol, A-Rest<sup>®</sup>, Reducymol<sup>®</sup>, Quel<sup>®</sup> CAS: 12771-68-5 LD<sub>50</sub>: 4,500mg/kg MW: 256.33 MF: C<sub>15</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub></p>	
<p><b>PS-1009 Asulam</b> Methyl sulfanilylcarbamate, Asulox<sup>®</sup>, Jonnix<sup>®</sup>, Asulox 40<sup>®</sup>, Asulox F<sup>®</sup> CAS: 3337-71-1 LD<sub>50</sub>: 5,000mg/kg MW: 230.26 MF: C<sub>9</sub>H<sub>10</sub>N<sub>2</sub>O<sub>4</sub>S</p>	
<p><b>PS-1010 4-Ap</b> 4-Aminopyridine, Avitrol<sup>®</sup> CAS: 504-24-5 LD<sub>50</sub>: 20mg/kg MW: 94.13 MF: C<sub>5</sub>H<sub>6</sub>N<sub>2</sub></p>	

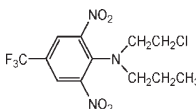
WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS

## Chem Service Pesticide Standards - Numerical Listing

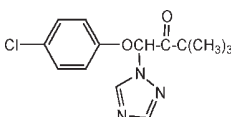
**PS-1011 Bentazon**  
3-(1-Methylethyl)-1H-2,1,3-benzothiadiazin-4(3H)-one-2,2-dioxide, Basagran®  
**CAS:** 25057-89-0 **LD<sub>50</sub>:** 1,100mg/kg  
**MW:** 240.30 **MF:** C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>S



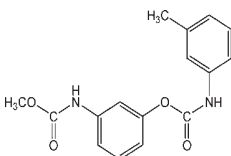
**PS-1012 Fluchloralin**  
**CAS:** 33245-39-5 **LD<sub>50</sub>:** 6,400mg/kg  
**MW:** 355.73 **MF:** C<sub>12</sub>H<sub>13</sub>ClF<sub>3</sub>N<sub>3</sub>O<sub>4</sub>



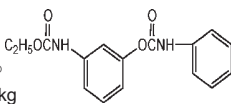
**PS-1013 Triadimefon**  
1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone, Bayleton®, Amiral®  
**CAS:** 43121-43-3 **LD<sub>50</sub>:** 363mg/kg  
**MW:** 293.78 **MF:** C<sub>14</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>2</sub>



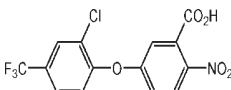
**PS-1014 Phenmedipham**  
Methyl 3-(3-methylcarbaniloyloxy)carbanilate, Phenmedipham, Betapost®, Medifene®, Arrat®, Rubenal®, Tanex®, Spin-Aid®, Betanal®, Kemifam®, 3-methoxycarbonylamino-phenyl 3-methylcarbanilate, Methyl-m-hydroxycarbanilate m-methylcarbanilate, Methyl 3-(3-methylcarbaniloyloxy)carbanilate  
**CAS:** 13684-63-4 **LD<sub>50</sub>:** 4mg/kg  
**MW:** 300.34 **MF:** C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>



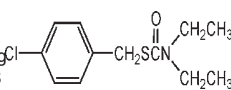
**PS-1015 Desmedipham**  
Ethyl-m-hydroxycarbanilate carbanilate(ester), 3-Ethoxycarbonylamino-phenyl-N-phenylcarbamate, Betanex®, Betanal AM®  
**CAS:** 13684-56-5 **LD<sub>50</sub>:** 10,250mg/kg  
**MW:** 300.34 **MF:** C<sub>16</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>



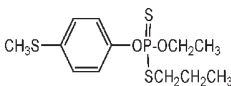
**PS-1016 Acifluorfen**  
5-[2-Chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid, Blazer®  
**CAS:** 50594-66-6 **LD<sub>50</sub>:** 137mg/kg  
**MW:** 361.67 **MF:** C<sub>14</sub>H<sub>7</sub>ClF<sub>3</sub>NO<sub>5</sub>



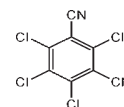
**PS-1017 Benthioncarb**  
S-(4-Chlorophenyl)methyl diethylcarbamothioate, Bolero®, Saturn®, Saturno®, Thiobencarb  
**CAS:** 28249-77-6 **LD<sub>50</sub>:** 1,300mg/kg  
**MW:** 257.80 **MF:** C<sub>12</sub>H<sub>16</sub>ClNOS



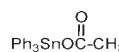
**PS-1018 Sulprofos**  
O-Ethyl-O-[4-(methylthio)phenyl]-S-propyl phosphorodithioate, Bolstar®, Helothion®  
**CAS:** 35400-43-2 **LD<sub>50</sub>:** 107mg/kg  
**MW:** 322.46 **MF:** C<sub>12</sub>H<sub>19</sub>O<sub>2</sub>PS<sub>3</sub>



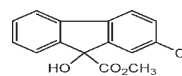
**PS-1020 Chlorothalonil**  
Tetrachloroisophthalonitrile, Bravo®, Daconil 2787®  
**CAS:** 1897-45-6 **LD<sub>50</sub>:** N/A  
**MW:** 265.90 **MF:** C<sub>8</sub>Cl<sub>4</sub>N<sub>2</sub>



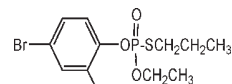
**PS-1021 Phentioacetate**  
Triphenyltin acetate, Brestan®, Batasan®, Suzu®, TPTA, Fentin acetate Acetoxy-triphenylstannane  
**CAS:** 900-95-8 **LD<sub>50</sub>:** 125mg/kg  
**MW:** 409.07 **MF:** C<sub>20</sub>H<sub>18</sub>O<sub>2</sub>Sn



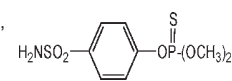
**PS-1022 Chlorfluorecol-methyl ester**  
Methyl 2-chloro-9-hydroxyfluorene-9-carboxylate, Chlorfluorecol methyl ester, Curbiset®, Maintain A®, Maintain CF 125®  
**CAS:** 2536-31-4 **LD<sub>50</sub>:** 12,500mg/kg  
**MW:** 274.71 **MF:** C<sub>15</sub>H<sub>11</sub>ClO<sub>3</sub>



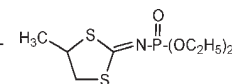
**PS-1024 Profenofos**  
O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate, Curacron®, Polycron®, Selecron®  
**CAS:** 41198-08-7 **LD<sub>50</sub>:** 358mg/kg  
**MW:** 373.65 **MF:** C<sub>11</sub>H<sub>15</sub>BrClO<sub>3</sub>PS



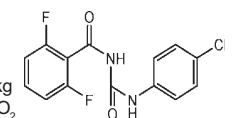
**PS-1025 Cythioate**  
CL 26691, O,O-Dimethyl-O-p-sulfamoylphenylphosphorothioate, Cythioate®, Cyflee®  
**CAS:** 115-93-5 **LD<sub>50</sub>:** 160mg/kg  
**MW:** 297.30 **MF:** C<sub>9</sub>H<sub>12</sub>NO<sub>5</sub>PS<sub>2</sub>



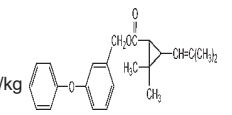
**PS-1026 Mephosfolan**  
2-(Diethoxyphosphinylimino)-4-methyl-1,3-dithiolane, Diethyl-N-(4-methyl-1,3-dithiolan-2-ylidene)-phosphoramidate, Cytrolane®  
**CAS:** 950-10-7 **LD<sub>50</sub>:** 4mg/kg  
**MW:** 269.34 **MF:** C<sub>8</sub>H<sub>16</sub>NO<sub>3</sub>PS<sub>2</sub>



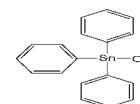
**PS-1028 Diflubenzuron**  
Dimilin®, 1-(4-Chlorophenyl)-3-(2,6-difluorobenzoyl)urea  
**CAS:** 35367-38-5 **LD<sub>50</sub>:** 4,640mg/kg  
**MW:** 310.70 **MF:** C<sub>14</sub>H<sub>9</sub>ClF<sub>2</sub>N<sub>2</sub>O<sub>2</sub>



**PS-1030 d-(cis-trans)-Phenothrin**  
3-Phenoxybenzyl d-cis.trans-chrysanthemate, d-Phenothrin®, Sumithrin®  
**CAS:** 26002-80-2 **LD<sub>50</sub>:** 10,000mg/kg  
**MW:** 350.49 **MF:** C<sub>23</sub>H<sub>28</sub>O<sub>3</sub>



**PS-1031 Fentin hydroxide**  
Triphenyltin hydroxide, Du-Ter®, Duter®, Suzu H®, Tubotin®, TPTH, TPTOH  
**CAS:** 76-87-9 **LD<sub>50</sub>:** 171mg/kg  
**MW:** 367.03 **MF:** C<sub>18</sub>H<sub>16</sub>OSn



Numerical Listing

For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

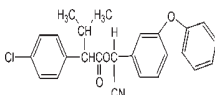


## Chem Service Pesticide Standards - Numerical Listing

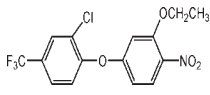
Numerical Listing

**PS-1032 Sanmarton**

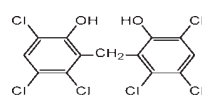
Cyano(3-phenoxyphenyl)-methyl-4-chloro- $\alpha$ -(1-methylethyl)benzeneacetate, Fenvaleate<sup>®</sup>, Belmark<sup>®</sup>, Pydrin<sup>®</sup>, Sumicidin<sup>®</sup>, Sumifly, Sumipower  
**CAS:** 51630-58-1 **LD<sub>50</sub>:** 451mg/kg  
**MW:** 419.93 **MF:** C<sub>29</sub>H<sub>22</sub>ClNO<sub>3</sub>


**PS-1033 Oxyfluorfen**

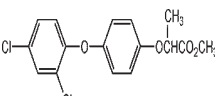
2-Chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene, Goal 2EC, Koltar<sup>®</sup>  
**CAS:** 42874-03-3 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 361.72 **MF:** C<sub>15</sub>H<sub>11</sub>ClF<sub>3</sub>NO<sub>4</sub>


**PS-1035 Hexachlorophene**

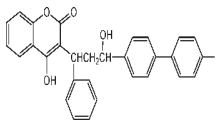
(ACS Standard Grade)  
 2,2'-Methylene bis(3,4,6-trichlorophenol), Hexide<sup>®</sup>, Nabac<sup>®</sup>  
**CAS:** 70-30-4 **LD<sub>50</sub>:** 56mg/kg  
**MW:** 406.89 **MF:** C<sub>13</sub>H<sub>6</sub>Cl<sub>6</sub>O<sub>2</sub>


**PS-1036 Diclofop methyl**

(ACS Standard Grade)  
 Methyl-2-[4-(2,4'-dichlorophenoxy)phenoxy]propanoate, 2-[4-(2,4'-Dichlorophenoxy)phenoxy]methylpropanoate, Hoe-Grass<sup>®</sup>, Hoelon<sup>®</sup>, Illoxan<sup>®</sup>, Hoxan<sup>®</sup>  
**CAS:** 51338-27-3 **LD<sub>50</sub>:** 563mg/kg  
**MW:** 341.20 **MF:** C<sub>16</sub>H<sub>14</sub>Cl<sub>2</sub>O<sub>4</sub>


**PS-1038 Super-Rozol**

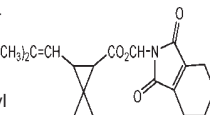
3-[3-(4'-Bromo[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2H-1-benzopyran-2-one, Maki<sup>®</sup>, Super-Caid, Bromadiolone  
**CAS:** 28772-56-7 **LD<sub>50</sub>:** 1mg/kg  
**MW:** 527.44 **MF:** C<sub>30</sub>H<sub>23</sub>BrO<sub>4</sub>


**PS-1040 Methoprene<sup>®</sup>**

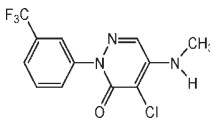
Isopropyl (2E-4E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate, Altosid<sup>®</sup>  
**CAS:** 40596-69-8 **LD<sub>50</sub>:** 25,000mg/kg  
**MW:** 310.53 **MF:** C<sub>19</sub>H<sub>34</sub>O<sub>3</sub>


**PS-1042 Tetramethrin**

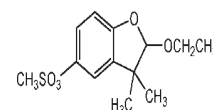
Neo-Pynamin<sup>®</sup>, Phthalthrin, Cyclohex-1-ene-1,2-dicarboximido-methyl-(1RS,3RS;1RS,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate, 3,4,5,6-Tetrahydrophthalimidomethyl chrysanthemate  
**CAS:** 7696-12-0 **LD<sub>50</sub>:** 4,640mg/kg  
**MW:** 331.45 **MF:** C<sub>19</sub>H<sub>25</sub>NO<sub>4</sub>


**PS-1044 Norflurazon<sup>®</sup>**

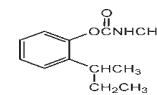
4-Chloro-5-(methylamino)-2-(a.a.-trifluoro-m-tolyl)-3(2H)-pyridazinone, Evital<sup>®</sup>, Solicam<sup>®</sup>, Zorial<sup>®</sup>  
**CAS:** 27314-13-2 **LD<sub>50</sub>:** N/A  
**MW:** 303.69 **MF:** C<sub>12</sub>H<sub>9</sub>ClF<sub>3</sub>N<sub>3</sub>O


**PS-1045 Ethofumesate**

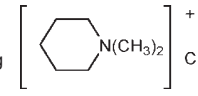
(+/-)-2-Ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate, Nortron<sup>®</sup>, Tramet<sup>®</sup>, Prograss<sup>®</sup>, Kemiron<sup>®</sup>, Rubetram<sup>®</sup>  
**CAS:** 26225-79-6 **LD<sub>50</sub>:** 5,650mg/kg  
**MW:** 286.3 **MF:** C<sub>13</sub>H<sub>18</sub>O<sub>3</sub>S


**PS-1046 Baycarb<sup>®</sup>**

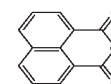
2-sec-Butylphenyl-N-methylcarbamate, Osbac<sup>®</sup>, Bassa<sup>®</sup>, Carvil<sup>®</sup>, Hopcin<sup>®</sup>, BPMC, Fenobucarb  
**CAS:** 3766-81-2 **LD<sub>50</sub>:** 410mg/kg  
**MW:** 207.30 **MF:** C<sub>12</sub>H<sub>17</sub>NO<sub>2</sub>


**PS-1047 Mepiquat chloride**

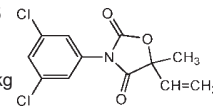
N,N-Dimethyl-piperidinium chloride, Pix<sup>®</sup> BAS 08300W  
**CAS:** 24307-26-4 **LD<sub>50</sub>:** 1,420mg/kg  
**MW:** 149.69 **MF:** C<sub>7</sub>H<sub>16</sub>N.Cl


**PS-1048 1,8-Naphthalic anhydride**

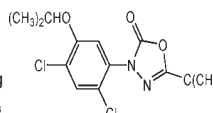
Protect<sup>®</sup>  
**CAS:** 81-84-5 **LD<sub>50</sub>:** 12,300mg/kg  
**MW:** 198.18 **MF:** C<sub>12</sub>H<sub>6</sub>O<sub>3</sub>


**PS-1049 Vinclozolin**

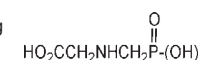
3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolinedione, Ronilan<sup>®</sup>  
**CAS:** 50471-44-8 **LD<sub>50</sub>:** 10,000mg/kg  
**MW:** 286.12 **MF:** C<sub>12</sub>H<sub>6</sub>Cl<sub>2</sub>NO<sub>3</sub>


**PS-1050 Oxadiazon**

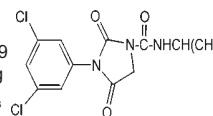
2-tert-Butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-2-1,3,4-oxadiazolin-5-one, Ronstar<sup>®</sup>  
**CAS:** 19666-30-9 **LD<sub>50</sub>:** 3,500mg/kg  
**MW:** 345.25 **MF:** C<sub>15</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>3</sub>


**PS-1051 Glyphosate**

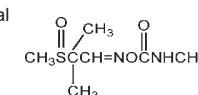
N-(Phosphonomethyl) glycine  
**CAS:** 1071-83-6 **LD<sub>50</sub>:** 4,873mg/kg  
**MW:** 169.09 **MF:** C<sub>3</sub>H<sub>8</sub>NO<sub>3</sub>P


**PS-1052 Iprodione**

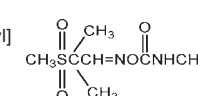
1-Isopropylcarbamoyl-3-(3,5-dichlorophenyl)-hydantoin, Rovral<sup>®</sup>, Glycophene, Chipco 26019  
**CAS:** 36734-19-7 **LD<sub>50</sub>:** 3,500mg/kg  
**MW:** 330.19 **MF:** C<sub>15</sub>H<sub>13</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>3</sub>


**PS-1054 Aldicarb sulfoxide**

2-Methyl-2-(methylsulfoxo)propanal-O-[(methylamino)carbonyl]oxime  
**CAS:** 1646-87-3 **LD<sub>50</sub>:** 490mg/kg  
**MW:** 206.29 **MF:** C<sub>7</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub>S


**PS-1055 Aldoxycarb**

2-Methyl-2-(methylsulfonyl)propanal-O-[(methylamino)carbonyl]oxime, Standak<sup>®</sup>, Aldicarb sulfone  
**CAS:** 1646-88-4 **LD<sub>50</sub>:** 27mg/kg  
**MW:** 222.29 **MF:** C<sub>7</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>S

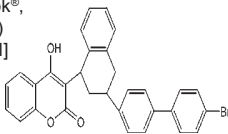


**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

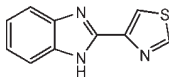
**PS-1056 Brodifacoum**

Nofar®, Klerat®, Talon®, WeatherBlok®,  
3-[3-(4'-Bromo[1,1'-biphenyl]-4-yl)]  
-1,2,3,4-tetrahydro-1-naphthalenyl]  
-4-hydroxy-2H-benzopyran-2-one  
**CAS:** 56073-10-0 **LD<sub>50</sub>:** N/A  
**MW:** 523.45 **MF:** C<sub>31</sub>H<sub>23</sub>BrO<sub>3</sub>



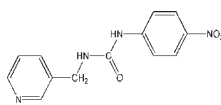
**PS-1057 Thiabendazole®**

2-(4'-Thiazolyl)-benzimidazole,  
Apl-Luster®, Mertect®, TBZ®,  
Tecto®, Thibenzole®, Bioguard®,  
Tobaz®, Arbotec®  
**CAS:** 148-79-8 **LD<sub>50</sub>:** 3,100mg/kg  
**MW:** 201.26 **MF:** C<sub>10</sub>H<sub>7</sub>N<sub>3</sub>S



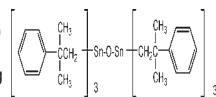
**PS-1059 Vacor**

1-(3-Pyridylmethyl)-3-(4-  
nitrophenyl)urea, Pyriminil  
**CAS:** 53558-25-1 **LD<sub>50</sub>:** 7mg/kg  
**MW:** 272.29 **MF:** C<sub>13</sub>H<sub>12</sub>N<sub>4</sub>O<sub>3</sub>



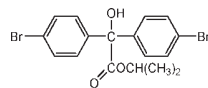
**PS-1060 Fenbutatin-oxide**

Fenbutatin-oxide,  
Hexakis-(2-methyl-2-phenylpropyl)  
-distannoxane, Vendex®, Torque®,  
**CAS:** 13356-08-6 **LD<sub>50</sub>:** 2,630mg/kg  
**MW:** 1052.76 **MF:** C<sub>60</sub>H<sub>78</sub>OSn<sub>2</sub>



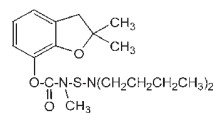
**PS-1062 Acarol®**

Isopropyl-4,4'-dibromobenzilate,  
Neoron®, Bromopropylate  
**CAS:** 18181-80-1 **LD<sub>50</sub>:** N/A  
**MW:** 428.15 **MF:** C<sub>17</sub>H<sub>16</sub>Br<sub>2</sub>O<sub>3</sub>



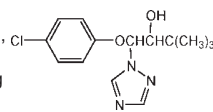
**PS-1063 Carbosulfan**

2,3-Dihydro-2,2-dimethyl-7-benzo  
furanlyl [(dibutylamino)thio]methyl  
carbamate, Advantage®, Gazelle®,  
Marshal®, Posse®  
**CAS:** 55285-14-8 **LD<sub>50</sub>:** 209mg/kg  
**MW:** 380.60 **MF:** C<sub>20</sub>H<sub>32</sub>N<sub>2</sub>O<sub>3</sub>S



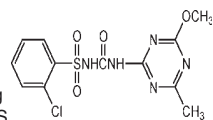
**PS-1064 Baytan®**

1-(4-Chlorophenoxy)-3,3-dimethyl  
-1-(1H-1,2,4-triazol-1-yl)butan-2-ol,  
Triadimenol  
**CAS:** 55219-65-3 **LD<sub>50</sub>:** 3,800mg/kg  
**MW:** 295.80 **MF:** C<sub>14</sub>H<sub>18</sub>ClN<sub>3</sub>O<sub>2</sub>



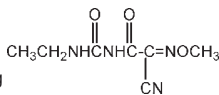
**PS-1065 Chlorsulfuron**

2-Chloro-N-[4-methoxy-6-methyl-  
1,3,5-triazin-2-yl]amino]carbonyl]  
benzenesulfonamide, Glean®  
**CAS:** 64902-72-3 **LD<sub>50</sub>:** 5,545mg/kg  
**MW:** 357.80 **MF:** C<sub>12</sub>H<sub>12</sub>ClN<sub>3</sub>O<sub>4</sub>S



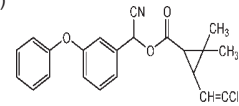
**PS-1067 Cymoxanil**

2-Cyano-N-[(ethylamino)carbonyl]  
-2-methoxyimino]acetamide,  
Curzate®  
**CAS:** 57966-95-7 **LD<sub>50</sub>:** 1,196mg/kg  
**MW:** 198.21 **MF:** C<sub>7</sub>H<sub>10</sub>N<sub>4</sub>O<sub>3</sub>



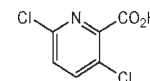
**PS-1068 Cypermethrin**

(+/-)-(a)-Cyano-3-phenoxybenzyl  
(+) cis,trans-3-(2,2-dichlorovinyl)  
-2,2-dimethylcyclopropane  
carboxylate, Ammo®, Barricide®,  
Cymbush, Cyperkill, Flocord®,  
Imperator, Kafil Super  
**CAS:** 52315-07-8 **LD<sub>50</sub>:** 58mg/kg  
**MW:** 416.32 **MF:** C<sub>22</sub>H<sub>19</sub>Cl<sub>2</sub>NO<sub>3</sub>



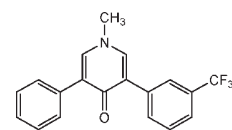
**PS-1069 Lontrel®**

3,6-Dichloro-2-pyridinecarboxylic  
acid, Clopyralid, 3,6-Dichloropicolinic  
acid  
**CAS:** 1702-17-6 **LD<sub>50</sub>:** 4,300mg/kg  
**MW:** 192.00 **MF:** C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>NO<sub>2</sub>



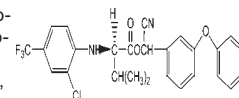
**PS-1070 Sonar®**

1-Methyl-3-phenyl-5-(3-trifluoro  
methyl)phenyl)-4(1H)-pyridinone,  
Fluridone  
**CAS:** 59756-60-4 **LD<sub>50</sub>:** N/A  
**MW:** 329.3 **MF:** C<sub>19</sub>H<sub>14</sub>F<sub>3</sub>NO



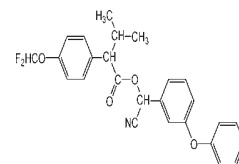
**PS-1071 tau-Fluvalinate**

Mavrik®, (a-RS,2R)-Fluvalinate,  
Mavrik Aquaflow®, (RS)-a-Cyano-  
3-phenoxybenzyl (R)-2-[2-chloro-  
4-(trifluoromethyl)anilino]-3-  
methylbutanoate, Klartan®, Spur®,  
Apistan®  
**CAS:** 102851-06-9 **LD<sub>50</sub>:** 261mg/kg  
**MW:** 502.95 **MF:** C<sub>26</sub>H<sub>22</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>3</sub>



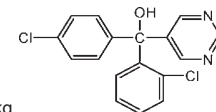
**PS-1072 Flucythrinate**

Aastar®, CyBolt®, Cythrin®,  
Funchiong juj®, Pay-Off®,  
(+)-Cyano(3-phenoxyphenyl)  
methyl(+)-4-(difluoromethoxy)-  
alpha-(1-methylethyl)benzene  
acetate  
**CAS:** 70124-77-5 **LD<sub>50</sub>:** 67mg/kg  
**MW:** 451.50 **MF:** C<sub>26</sub>H<sub>23</sub>F<sub>2</sub>NO<sub>4</sub>



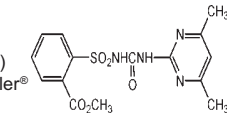
**PS-1073 Fenarimol**

a-(2-Chlorophenyl)-a-(4-  
chlorophenyl)-5-(pyrimidine  
methanol), Bloc®, Rubigan®  
**CAS:** 60168-88-9 **LD<sub>50</sub>:** 2,000mg/kg  
**MW:** 331.21 **MF:** C<sub>17</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>2</sub>O



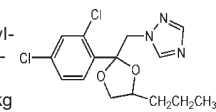
**PS-1074 Sulfometuron methyl**

Methyl 2((((4,6-dimethyl-2-  
pyrimidinyl)amino)carbonyl)amino)  
sulfonyl)benzoate, Oust Weed Killer®  
**CAS:** 74222-97-2 **LD<sub>50</sub>:** N/A  
**MW:** 364.4 **MF:** C<sub>15</sub>H<sub>16</sub>N<sub>4</sub>O<sub>5</sub>S



**PS-1075 Tilt®**

1-[2-(2,4-Dichlorophenyl)-4-propyl-  
1,3-dioxolan-2-ylmethyl]-1H-1,2,4-  
triazole, Propiconazole  
**CAS:** 60207-90-1 **LD<sub>50</sub>:** 1,517mg/kg  
**MW:** 342.25 **MF:** C<sub>15</sub>H<sub>17</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>



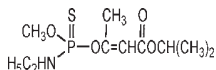
Numerical Listing

For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

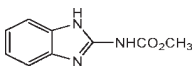
## Chem Service Pesticide Standards - Numerical Listing

Numerical Listing

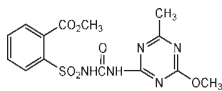
**PS-1076 Saprofin®**  
 (E)-O,2-Isopropoxy-carbonyl-1-methylvinyl O-methyl-ethyl phosphoramidothioate, Propetamphos  
**CAS:** 31218-83-4 **LD<sub>50</sub>:** 75mg/kg  
**MW:** 281.34 **MF:** C<sub>10</sub>H<sub>20</sub>N<sub>4</sub>O<sub>4</sub>PS



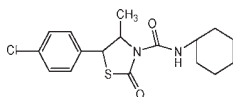
**PS-1077 Carbendazim**  
 2-(Methoxycarbonylamino)-benzimidazole, Bavistin®, Delsene®, Dersal®  
**CAS:** 10605-21-7 **LD<sub>50</sub>:** 6,400mg/kg  
**MW:** 191.21 **MF:** C<sub>9</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>



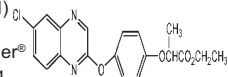
**PS-1078 Metsulfuron methyl**  
 Methyl 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sulfonyl]benzoate, Ally 60 DF Weed Killer®  
**CAS:** 74223-64-6 **LD<sub>50</sub>:** N/A  
**MW:** 381.40 **MF:** C<sub>14</sub>H<sub>15</sub>N<sub>5</sub>O<sub>6</sub>S



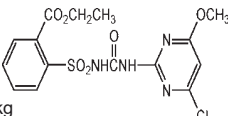
**PS-1079 Hexythiazox**  
 trans-5-(4-Chlorophenyl-N-cyclohexyl-4-methyl-2-oxo-3-thiazolidine carboxamide, Nissorun, Savey miticide®  
**CAS:** 78587-05-0 **LD<sub>50</sub>:** N/A  
**MW:** 352.91 **MF:** C<sub>17</sub>H<sub>21</sub>ClN<sub>2</sub>O<sub>2</sub>S



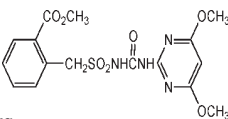
**PS-1080 Quizalofop ethyl**  
 Ethyl-2-[4-[(6-chloro-2-quinoxalanyl)oxy]-phenoxy]propionate, Quizalofop ethyl, Assure Weed Killer®  
**CAS:** 76578-14-8 **LD<sub>50</sub>:** 1,670mg/kg  
**MW:** 372.83 **MF:** C<sub>19</sub>H<sub>17</sub>ClN<sub>2</sub>O<sub>4</sub>



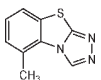
**PS-1081 Chlorimuron ethyl**  
 Ethyl-2-[[[(4-chloro-6-methoxy-2-pyrimidinyl)amino]carbonyl]amino]sulfonyl]benzoate, Classic 25 DF Weed Killer®  
**CAS:** 90982-32-4 **LD<sub>50</sub>:** 40,000mg/kg  
**MW:** 414.85 **MF:** C<sub>15</sub>H<sub>15</sub>ClN<sub>4</sub>O<sub>6</sub>S



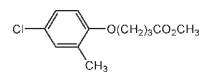
**PS-1082 Bensulfuron-methyl**  
 Methyl 2-[[[(4,6-dimethoxy-2-pyrimidinyl)amino]carbonyl]amino]sulfonyl]methyl]benzoate, Londax®, Escuri®, Bensulfuron-methyl, Pilardax®, Bendas®  
**CAS:** 83055-99-6 **LD<sub>50</sub>:** 10,985mg/kg  
**MW:** 410.44 **MF:** C<sub>16</sub>H<sub>18</sub>N<sub>4</sub>O<sub>7</sub>S



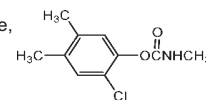
**PS-1083 Beam®**  
 5-Methyl-1,2,4-triazolo-[3,4-b]-benzothiazole, Bim®, Tricyclazole  
**CAS:** 41814-78-2 **LD<sub>50</sub>:** 314mg/kg  
**MW:** 189.25 **MF:** C<sub>9</sub>H<sub>7</sub>N<sub>3</sub>S



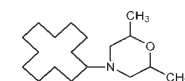
**PS-1084 MCPB methyl ester**  
 4-(4-Chloro-2-methylphenoxy)butyric acid, methyl ester  
**CAS:** 57153-18-1 **LD<sub>50</sub>:** N/A  
**MW:** 242.70 **MF:** C<sub>12</sub>H<sub>15</sub>ClO<sub>3</sub>



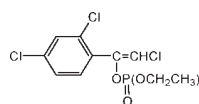
**PS-1085 Banol**  
 6-Chloro-3,4-xylyl-methyl carbamate, Carbanolate  
**CAS:** 671-04-5 **LD<sub>50</sub>:** 30mg/kg  
**MW:** 213.68 **MF:** C<sub>10</sub>H<sub>12</sub>ClNO<sub>2</sub>



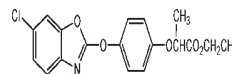
**PS-1086 Dodemorph**  
 4-Cyclododecyl-2,6-dimethylmorpholine, Milban®, Meltatox®  
**CAS:** 1593-77-7 **LD<sub>50</sub>:** 2,645mg/kg  
**MW:** 281.54 **MF:** C<sub>16</sub>H<sub>35</sub>NO



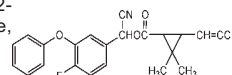
**PS-1087 Chlorfenvinphos**  
 2-Chloro-1-(2,4-dichlorophenyl)vinyl diethyl phosphate, Birlane®, Supona®, Sapecron®, Steladone®  
**CAS:** 470-90-6 **LD<sub>50</sub>:** 10mg/kg  
**MW:** 359.58 **MF:** C<sub>12</sub>H<sub>14</sub>Cl<sub>3</sub>O<sub>4</sub>P



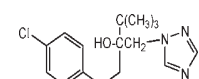
**PS-1088 Fenoxaprop ethyl**  
 (+/-)-Ethyl-2-[4-(6-chloro-2-benzoxazolyloxy)phenoxy]propanoate, Acclaim, Depon®, Excel®, Furore®, Option®, Whip®  
**CAS:** 66441-23-4 **LD<sub>50</sub>:** 2,357mg/kg  
**MW:** 361.80 **MF:** C<sub>18</sub>H<sub>16</sub>ClNO<sub>5</sub>



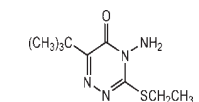
**PS-1090 Baythroid®**  
 Cyano-(4-fluoro-3-phenoxyphenyl)methyl-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane carboxylate, Cyfluthrin, Solfac®  
**CAS:** 68359-37-5 **LD<sub>50</sub>:** 600mg/kg  
**MW:** 434.31 **MF:** C<sub>22</sub>H<sub>18</sub>Cl<sub>2</sub>FNO<sub>3</sub>



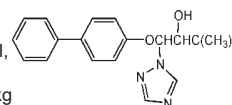
**PS-1091 Folicur®**  
 a-[2-(4-Chlorophenyl)ethyl]-a-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol, Tebuconazole®, Elite®, Lynx®, Raxil®  
**CAS:** 107534-96-3 **LD<sub>50</sub>:** 3,933mg/kg  
**MW:** 308.87 **MF:** C<sub>16</sub>H<sub>22</sub>ClN<sub>3</sub>O



**PS-1092 Tycor®**  
 4-Amino-6-(1,1-dimethylethyl)-3-(ethylthio)-1,2,4-triazin-5(4H)-one®, Ethiozin®, Ebuzin®, Lektan®  
**CAS:** 64529-56-2 **LD<sub>50</sub>:** 1,280mg/kg  
**MW:** 228.35 **MF:** C<sub>9</sub>H<sub>16</sub>N<sub>4</sub>OS

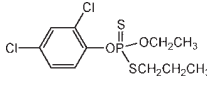
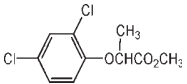
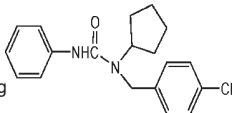
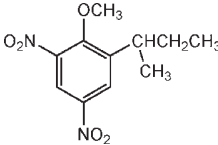
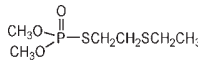
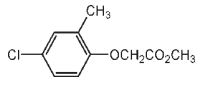
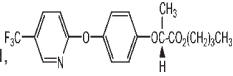
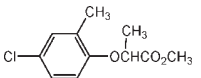
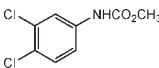
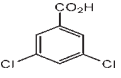
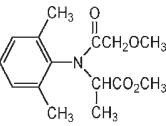
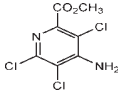
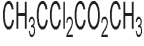
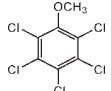
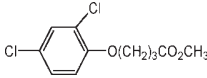
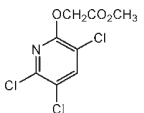
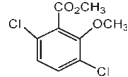
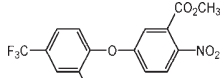
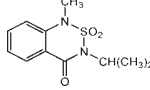
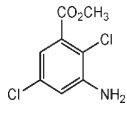


**PS-1093 Baycor®**  
 Baycor®, B-([1,1'-Biphenyl]-4-yloxy)-a-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol, Bitertanol, Baymat®, Sibutol®  
**CAS:** 55179-31-2 **LD<sub>50</sub>:** 4,200mg/kg  
**MW:** 337.46 **MF:** C<sub>20</sub>H<sub>23</sub>N<sub>3</sub>O<sub>2</sub>



**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

<p><b>PS-1094 Tokuthion®</b> O-(2,4-Dichlorophenyl)-O-ethyl-S-propylphosphorodithioate, Prothiophos <b>CAS:</b> 34643-46-4 <b>LD<sub>50</sub>:</b> 875mg/kg <b>MW:</b> 345.25 <b>MF:</b> C<sub>11</sub>H<sub>15</sub>Cl<sub>2</sub>O<sub>2</sub>PS<sub>2</sub></p>		<p><b>PS-1103 Dichlorprop methyl ester</b> Methyl-2-(2,4-dichlorophenoxy)propionate <b>CAS:</b> 57153-17-0 <b>LD<sub>50</sub>:</b> 800mg/kg <b>MW:</b> 252.12 <b>MF:</b> C<sub>10</sub>H<sub>13</sub>Cl<sub>2</sub>O<sub>3</sub></p>	
<p><b>PS-1095 Monceren®</b> N-[(4-Chlorophenyl)methyl]-N-cyclopentyl-N'-phenylurea, Pencycuron <b>CAS:</b> 66063-05-6 <b>LD<sub>50</sub>:</b> 5,000mg/kg <b>MW:</b> 328.87 <b>MF:</b> C<sub>19</sub>H<sub>21</sub>ClN<sub>2</sub>O</p>		<p><b>PS-1104 Dinoseb methyl ether</b> 2,4-Dinitro-6-sec-butylanisole <b>CAS:</b> 6099-79-2 <b>LD<sub>50</sub>:</b> 25mg/kg <b>MW:</b> 254.24 <b>MF:</b> C<sub>11</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub></p>	
<p><b>PS-1096 Metasystox I®</b> S-[2-(Ethylthio)ethyl]-O,O-dimethyl phosphorothioate, Demeton-S-methyl, MSI®, Duratox®, Fusilade® 5, Fusilade® 2000, <b>CAS:</b> 919-86-8 <b>LD<sub>50</sub>:</b> 30mg/kg <b>MW:</b> 230.30 <b>MF:</b> C<sub>6</sub>H<sub>15</sub>O<sub>3</sub>PS<sub>2</sub></p>		<p><b>PS-1105 4-Chloro-o-toloxoacetic acid methyl ester</b> MCPA methyl ester <b>CAS:</b> 2436-73-9 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 214.66 <b>MF:</b> C<sub>10</sub>H<sub>11</sub>ClO<sub>3</sub></p>	
<p><b>PS-1097 Fluazifop-p-butyl</b> R,S-Butyl-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionate, Fusilade® 5, Fusilade® 2000, R-2-[4-(5-Trifluoromethyl-2-pyridyloxy)phenoxy]propionic acid, butyl ester, Fusilade® DX, Fusilade® Super <b>CAS:</b> 79241-46-6 <b>LD<sub>50</sub>:</b> 2,451mg/kg <b>MW:</b> 383.40 <b>MF:</b> C<sub>19</sub>H<sub>20</sub>F<sub>3</sub>NO<sub>4</sub></p>		<p><b>PS-1106 Mecoprop methyl ester</b> MCPP methyl ester, 2-(4-Chloro-2-methylphenoxy)propanoic acid methyl ester <b>CAS:</b> 23844-56-6 <b>LD<sub>50</sub>:</b> 650mg/kg <b>MW:</b> 228.68 <b>MF:</b> C<sub>11</sub>H<sub>13</sub>ClO<sub>3</sub></p>	
<p><b>PS-1098 Swep</b> Methyl-N-(3,4-dichlorophenyl) carbamate <b>CAS:</b> 1918-18-9 <b>LD<sub>50</sub>:</b> 522mg/kg <b>MW:</b> 220.06 <b>MF:</b> C<sub>8</sub>H<sub>7</sub>Cl<sub>2</sub>NO<sub>2</sub></p>		<p><b>PS-1107 3,5-Dichlorobenzoic acid</b> <b>CAS:</b> 51-36-5 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 191.01 <b>MF:</b> C<sub>7</sub>H<sub>4</sub>Cl<sub>2</sub>O<sub>2</sub></p>	
<p><b>PS-1099 Metalaxyl</b> N-(2,6-Dimethylphenyl)-N-(methoxyacetyl)-alanine methyl ester, Apron®, Ridomil®, Subdue®, <b>CAS:</b> 57837-19-1 <b>LD<sub>50</sub>:</b> 669mg/kg <b>MW:</b> 279.37 <b>MF:</b> C<sub>15</sub>H<sub>21</sub>NO<sub>4</sub></p>		<p><b>PS-1108 Picloram methyl ester</b> 4-Amino-3.5.6-trichloropicolinic acid methyl ester <b>CAS:</b> 14143-55-6 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 255.49 <b>MF:</b> C<sub>7</sub>H<sub>5</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>2</sub></p>	
<p><b>PS-1100 Dalapon methyl ester</b> Methyl-2,2-dichloropropionate <b>CAS:</b> 17640-02-0 <b>LD<sub>50</sub>:</b> 970mg/kg <b>MW:</b> 156.9 <b>MF:</b> C<sub>4</sub>H<sub>6</sub>Cl<sub>2</sub>O<sub>2</sub></p>		<p><b>PS-1109 Pentachloroanisole</b> (ACS Standard Grade) Pentachlorophenyl methyl ether, 2,3,4,5,6-Pentachloroanisole <b>CAS:</b> 1825-21-4 <b>LD<sub>50</sub>:</b> 318mg/kg <b>MW:</b> 280.35 <b>MF:</b> C<sub>7</sub>H<sub>3</sub>Cl<sub>5</sub>O</p>	
<p><b>PS-1101 2,4-DB methyl ester</b> Methyl-4-(2,4-dichlorophenoxy)butyrate <b>CAS:</b> 18625-12-2 <b>LD<sub>50</sub>:</b> 700mg/kg <b>MW:</b> 263.12 <b>MF:</b> C<sub>11</sub>H<sub>12</sub>Cl<sub>2</sub>O<sub>3</sub></p>		<p><b>PS-1110 Triclopyr methyl ester</b> [(3,5,6-Trichloro-2-pyridinyl)oxy]acetic acid methyl ester <b>CAS:</b> 60825-26-5 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 270.50 <b>MF:</b> C<sub>9</sub>H<sub>6</sub>Cl<sub>3</sub>NO<sub>3</sub></p>	
<p><b>PS-1102 Dicamba methyl ester</b> 2-Methoxy-3,6-dichloromethyl benzoate, Disugran, Racuza® <b>CAS:</b> 6597-78-0 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 235.07 <b>MF:</b> C<sub>9</sub>H<sub>6</sub>Cl<sub>2</sub>O<sub>3</sub></p>		<p><b>PS-1111 Acifluorfen methyl ester</b> 5-[2-Chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid methyl ester, Blazer methyl ester <b>CAS:</b> 50594-67-7 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 375.69 <b>MF:</b> C<sub>15</sub>H<sub>9</sub>ClF<sub>3</sub>NO<sub>5</sub></p>	
<p><b>PS-1112 Bentazon methyl derivative</b> <b>CAS:</b> <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 254.31 <b>MF:</b> C<sub>11</sub>H<sub>14</sub>N<sub>2</sub>O<sub>3</sub>S</p>		<p><b>PS-1113 Chloramben methyl ester</b> 3-Amino-2,5-dichlorobenzoic acid methyl ester, Methyl-3-amino-2,5-dichlorobenzoate <b>CAS:</b> 7286-84-2 <b>LD<sub>50</sub>:</b> N/A <b>MW:</b> 220.06 <b>MF:</b> C<sub>8</sub>H<sub>7</sub>Cl<sub>2</sub>NO<sub>2</sub></p>	

Numerical Listing

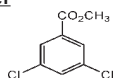
For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

## Chem Service Pesticide Standards - Numerical Listing

Numerical Listing

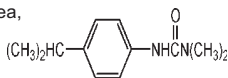
**PS-1114 3,5-Dichlorobenzoic acid methyl ester**

Methyl-3,5-dichlorobenzoate,  
**CAS:** 2905-67-1 **LD<sub>50</sub>:** N/A  
**MW:** 205.04 **MF:** C<sub>8</sub>H<sub>6</sub>Cl<sub>2</sub>O<sub>2</sub>



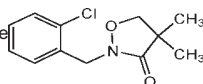
**PS-2000 Isoproturon**

3-(4-Isopropylphenyl)-1,1-dimethyl urea, 3-p-Cumenyl-1,1-dimethylurea, N,N-Dimethyl-N'-[4-(1-methylethyl)phenyl]urea, Isoproturon, Alon®, Arelon®, Graminon®, Tolkan®  
**CAS:** 34123-59-6 **LD<sub>50</sub>:** 1,826mg/kg  
**MW:** 206.32 **MF:** C<sub>12</sub>H<sub>18</sub>N<sub>2</sub>O



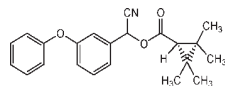
**PS-2001 Command**

Clomazone, 2-(2-Chlorophenyl) methyl-4,4-dimethyl-3-isoxazolidinone  
**CAS:** 81777-89-1 **LD<sub>50</sub>:** 2,077mg/kg  
**MW:** 239.72 **MF:** C<sub>12</sub>H<sub>14</sub>ClNO<sub>2</sub>



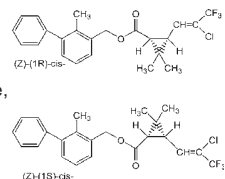
**PS-2002 Fenpropathrin**

**CAS:** 64257-84-7 **LD<sub>50</sub>:** 26mg/kg  
**MW:** 349.46 **MF:** C<sub>22</sub>H<sub>23</sub>NO<sub>3</sub>



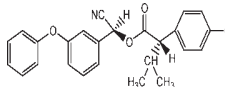
**PS-2003 Bifenthrin**

2-Methylbiphenyl-3-yl-methyl (Z)-(1R)-cis-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropane carboxylate, Brigade®, Talstar®  
**CAS:** 82657-04-3 **LD<sub>50</sub>:** 545mg/kg  
**MW:** 422.90 **MF:** C<sub>23</sub>H<sub>22</sub>ClF<sub>3</sub>O<sub>2</sub>



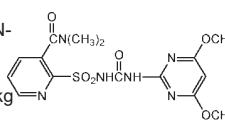
**PS-2004 Asana®**

Esfenvalerate, (S)-a-Cyano-3-phenoxy benzyl-(S)-2-(4-chloro phenyl)-3-methylbutyrate  
**CAS:** 66230-04-4 **LD<sub>50</sub>:** 325mg/kg  
**MW:** 419.93 **MF:** C<sub>25</sub>H<sub>22</sub>ClNO<sub>3</sub>



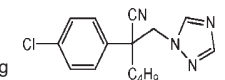
**PS-2005 Accent®**

2-[[[(4,6-Dimethoxypyrimidin-2-yl) aminocarbonyl]amino sulfonyl]-N,N-dimethyl-3-pyridine carboxamide, Nicosulfuron  
**CAS:** 111991-09-4 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 410.4 **MF:** C<sub>15</sub>H<sub>18</sub>N<sub>6</sub>O<sub>6</sub>S



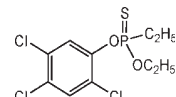
**PS-2006 Systhane®**

a,n-Butyl-a-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile, Myclobutanil  
**CAS:** 88671-89-0 **LD<sub>50</sub>:** 1,600mg/kg  
**MW:** 288.81 **MF:** C<sub>15</sub>H<sub>17</sub>ClN<sub>4</sub>



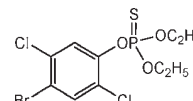
**PS-2007 Trichloronate**

O-Ethyl-O-(2,4,5-trichlorophenyl) ethyl phosphonothioate, Agritox®, Phytosol®, Agrisil®  
**CAS:** 327-98-0 **LD<sub>50</sub>:** 15mg/kg  
**MW:** 333.60 **MF:** C<sub>10</sub>H<sub>12</sub>Cl<sub>3</sub>O<sub>2</sub>PS



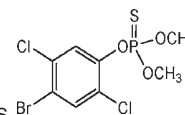
**PS-2008 Bromophos ethyl**

Nexagan®, Cela S-2225, O-(4-Bromo-2,5-dichlorophenyl)-O,O-diethylphosphorothioate  
**CAS:** 4824-78-6 **LD<sub>50</sub>:** 52mg/kg  
**MW:** 394.06 **MF:** C<sub>10</sub>H<sub>12</sub>BrCl<sub>2</sub>O<sub>3</sub>PS



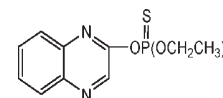
**PS-2009 Bromophos methyl**

Bromophos, O-(4-Bromo-2,5-dichlorophenyl)-O,O-dimethyl phosphorothioate  
**CAS:** 2104-96-3 **LD<sub>50</sub>:** 1,600mg/kg  
**MW:** 366.00 **MF:** C<sub>8</sub>H<sub>8</sub>BrCl<sub>2</sub>O<sub>3</sub>PS



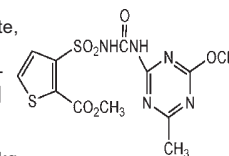
**PS-2010 Quinalphos**

O,O-Diethyl-O-quinoxalin-2-yl phosphorothioate, Bayrusil®, Ekalux®, Quinatox®, Kinalux®  
**CAS:** 13593-03-8 **LD<sub>50</sub>:** 62mg/kg  
**MW:** 298.32 **MF:** C<sub>12</sub>H<sub>15</sub>N<sub>2</sub>O<sub>3</sub>PS



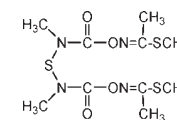
**PS-2011 Pinnacle®**

Methyl 3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl-carbamoyl) sulfamoyl]-thiophen-2-carboxylate, Pinnacle®, Thifensulfuron-methyl, Methyl 3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl] amino]sulfonyl]-2-thiophene carboxylate  
**CAS:** 79277-27-3 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 387.42 **MF:** C<sub>12</sub>H<sub>13</sub>N<sub>3</sub>O<sub>6</sub>S<sub>2</sub>



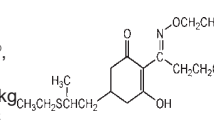
**PS-2012 Thiodicarb**

3,7,9,13-Tetramethyl-5,11-dioxo-2,8,14-trithia-4,7,9,12-tetraaza pentadeca-3,12-diene-6,10-dione, Larvin®, Semevin®  
**CAS:** 59669-26-0 **LD<sub>50</sub>:** 66mg/kg  
**MW:** 354.50 **MF:** C<sub>10</sub>H<sub>18</sub>N<sub>4</sub>O<sub>4</sub>S<sub>3</sub>



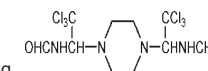
**PS-2013 Sethoxydim**

(±)-(EZ)-2-(1-Ethoxyiminobutyl)-5-[2-(ethylthio)propyl]-3-hydroxy cyclohex-2-enone, Nabu®, Poast®, Fenval®, Checkmate®, Vantage®  
**CAS:** 74051-80-2 **LD<sub>50</sub>:** 3,200mg/kg  
**MW:** 327.53 **MF:** C<sub>17</sub>H<sub>29</sub>NO<sub>3</sub>S



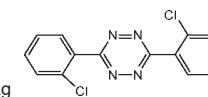
**PS-2014 Triflorine**

N,N'-[Piperazine-1,4- diylbis [(trichloromethyl)methylene]] diformamide, Denarin®, Fundinex®, Saprof®, Cela W524  
**CAS:** 26644-46-2 **LD<sub>50</sub>:** 6,000mg/kg  
**MW:** 434.98 **MF:** C<sub>10</sub>H<sub>14</sub>Cl<sub>6</sub>N<sub>4</sub>O<sub>2</sub>



**PS-2015 Clofentezine**

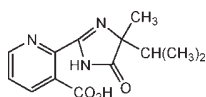
Apollo®, Acaristop®, 3,6-Bis(2-chlorophenyl)-1,2,4,5-tetrazine  
**CAS:** 74115-24-5 **LD<sub>50</sub>:** 3,200mg/kg  
**MW:** 303.16 **MF:** C<sub>14</sub>H<sub>8</sub>Cl<sub>2</sub>N<sub>4</sub>



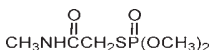
**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

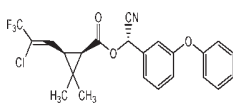
**PS-2016 Imazapyr**<sup>®</sup>  
2-(4-Isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-nicotinic acid,  
Arsenal<sup>®</sup>  
**CAS:** 81334-34-1 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 261.31 **MF:** C<sub>13</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>



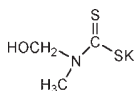
**PS-2017 Omethoate**  
O,O-Dimethyl-S-methylcarbamoyl methyl phosphorothioate, Folimat<sup>®</sup>, Dimethoate-O-analog  
**CAS:** 1113-02-6 **LD<sub>50</sub>:** 30mg/kg  
**MW:** 213.21 **MF:** C<sub>5</sub>H<sub>12</sub>NO<sub>4</sub>PS



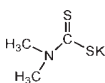
**PS-2018 lambda-Cyhalothrin**  
Karate<sup>®</sup>, Commodore<sup>®</sup>, Matador<sup>®</sup>, Icon<sup>®</sup>, (1:1) mix of (S)-a-Cyano-3-phenoxybenzyl(Z)-(1R)-cis-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropane carboxylate  
**CAS:** 91465-08-6 **LD<sub>50</sub>:** 56mg/kg  
**MW:** 449.88 **MF:** C<sub>23</sub>H<sub>19</sub>ClF<sub>3</sub>NO<sub>3</sub>



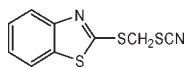
**PS-2019 Busan 40**  
Potassium-N-hydroxymethyl-N-methyldithiocarbamate  
**CAS:** 51026-28-9 **LD<sub>50</sub>:** 590mg/kg  
**MW:** 175.32 **MF:** C<sub>3</sub>H<sub>6</sub>NOS<sub>2</sub>K



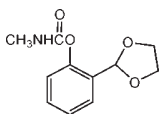
**PS-2020 Busan 85**  
Potassium dimethyldithiocarbamate  
**CAS:** 128-03-0 **LD<sub>50</sub>:** 2,030mg/kg  
**MW:** 177.34 **MF:** C<sub>3</sub>H<sub>6</sub>NS<sub>2</sub>·K·H<sub>2</sub>O



**PS-2021 TCMTB**  
Busan 30A, 2-(Thiocyanomethyl thio)benzothiazole  
**CAS:** 21564-17-0 **LD<sub>50</sub>:** 1,000mg/kg  
**MW:** 238.35 **MF:** C<sub>9</sub>H<sub>6</sub>N<sub>2</sub>S<sub>3</sub>



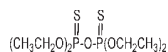
**PS-2022 Dioxacarb**  
2-(1,3-Dioxolan-2-yl)phenyl methylcarbamate, Elocron<sup>®</sup>, Famid<sup>®</sup>  
**CAS:** 6988-21-2 **LD<sub>50</sub>:** 72mg/kg  
**MW:** 223.25 **MF:** C<sub>11</sub>H<sub>13</sub>NO<sub>4</sub>



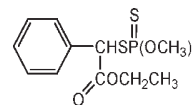
**PS-2023 Strobane**<sup>®</sup>  
Heptachloro-2,2-dimethyl-3-methylenenorbornane, Terpene polychlorinates  
**CAS:** 8001-50-1 **LD<sub>50</sub>:** 220mg/kg  
**MW:** N/A **MF:** Isomer Mix

Structure  
Not Available

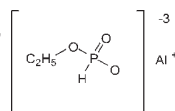
**PS-2024 Sulfotep**  
O,O,O',O'-Tetraethyldithiopyro phosphate, Bladafum<sup>®</sup>, Dithio<sup>®</sup>, Dithione<sup>®</sup>, Thiotepp<sup>®</sup>  
**CAS:** 689-24-5 **LD<sub>50</sub>:** 10mg/kg  
**MW:** 322.34 **MF:** C<sub>8</sub>H<sub>20</sub>O<sub>5</sub>P<sub>2</sub>S<sub>2</sub>



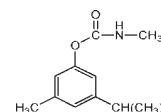
**PS-2025 Phenthoate**  
(ACS Standard Grade)  
Ethyl-2-dimethoxyphosphinothioyl thio(phenyl)acetate, Cidial<sup>®</sup>, Elsan<sup>®</sup>, Paphthion<sup>®</sup>, Kap<sup>®</sup>  
**CAS:** 2597-03-7 **LD<sub>50</sub>:** 71mg/kg  
**MW:** 320.38 **MF:** C<sub>12</sub>H<sub>17</sub>O<sub>4</sub>PS<sub>2</sub>



**PS-2026 Fosetyl-Aluminum**  
Aluminum tris(O-ethyl phosphonate), Alette<sup>®</sup>, Mikal<sup>®</sup>  
**CAS:** 39148-24-8 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 354.13 **MF:** C<sub>6</sub>H<sub>16</sub>O<sub>9</sub>P<sub>3</sub>Al



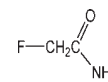
**PS-2027 Promecarb**  
3-Isopropyl-5-methyl phenyl methyl carbamate  
**CAS:** 2631-37-0 **LD<sub>50</sub>:** 60mg/kg  
**MW:** 207.30 **MF:** C<sub>12</sub>H<sub>17</sub>NO<sub>2</sub>



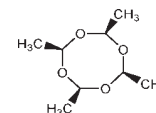
**PS-2028 Copper Naphthenates**  
Naphthenic acid copper salt, Cuprinol<sup>®</sup>, CNC, Coppo W<sup>®</sup>, Copper Uversol<sup>®</sup>, Cunapsol<sup>®</sup>, Curap 20<sup>®</sup>, Perm E-8<sup>®</sup>  
**CAS:** N/A **LD<sub>50</sub>:** N/A  
**MW:** N/A **MF:** N/A

Structure  
Not Available

**PS-2029 2-Fluoroacetamide**  
Fluorakil 100<sup>®</sup>, Navron<sup>®</sup>, Yanock<sup>®</sup>, Rodex<sup>®</sup>, Baron<sup>®</sup>, Fussol<sup>®</sup>  
**CAS:** 640-19-7 **LD<sub>50</sub>:** 6mg/kg  
**MW:** 77.07 **MF:** C<sub>2</sub>H<sub>4</sub>FNO



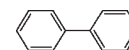
**PS-2030 Metaldehyde**  
Metacetaldehyde, C-8-Tetramethyl-1,3,5,7-tetroxocane, Antimilace<sup>®</sup>, Metason<sup>®</sup>, Namekil<sup>®</sup>, Vegfru Snaikil<sup>®</sup>, Limatox<sup>®</sup>  
**CAS:** 9002-91-9 **LD<sub>50</sub>:** 630mg/kg  
**MW:** 176.214 **MF:** (C<sub>2</sub>H<sub>4</sub>O)<sub>4</sub>



**PS-2031 Formaldehyde (in water)**  
Formalin  
**CAS:** 50-00-0 **LD<sub>50</sub>:** 100mg/kg  
**MW:** 30.03 **MF:** CH<sub>2</sub>O

HCHO

**PS-2032 Biphenyl**  
Phenyl benzene, Diphenyl  
**CAS:** 92-52-4 **LD<sub>50</sub>:** 3,280mg/kg  
**MW:** 154.22 **MF:** C<sub>12</sub>H<sub>10</sub>



**PS-2033 Dicyclopentadiene**  
Cyclopentadiene dimer, 3a,4,7,7a-Tetrahydro-4,7-methane-1H-indene  
**CAS:** 77-73-6 **LD<sub>50</sub>:** 353mg/kg  
**MW:** 132.22 **MF:** C<sub>10</sub>H<sub>12</sub>

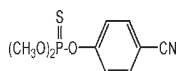


For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

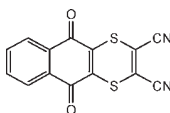
## Chem Service Pesticide Standards - Numerical Listing

**PS-2034 Cyanophos**

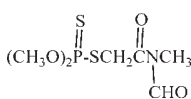
Cyanox<sup>®</sup>, O-4-Cyanophenyl-O,O-dimethylphosphorothioate  
**CAS:** 2636-26-2 **LD<sub>50</sub>:** 580mg/kg  
**MW:** 243.23 **MF:** C<sub>9</sub>H<sub>10</sub>NO<sub>3</sub>PS


**PS-2035 Dithianon**

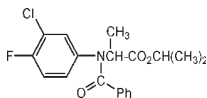
Delan<sup>®</sup>, 5,10-Dihydro-5,10-dioxo naphtho[2,3-b]-1,4-dithi-in-2,3-dicarbonitrile, 5,10-Dihydro-5,10-dioxonaphtho[2,3-b]-p-dithiin-2,3-dicarbonitril  
**CAS:** 3347-22-6 **LD<sub>50</sub>:** 638mg/kg  
**MW:** 296.32 **MF:** C<sub>14</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>


**PS-2036 Formothion**

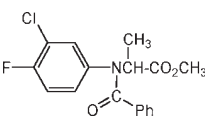
Anthio<sup>®</sup>, Afix<sup>®</sup>, S-[2-(Formylmethyl amino-2-oxoethyl)-O,O-dimethylphosphorodithionate  
**CAS:** 2540-82-1 **LD<sub>50</sub>:** 250mg/kg  
**MW:** 257.28 **MF:** C<sub>6</sub>H<sub>12</sub>NO<sub>4</sub>PS<sub>2</sub>


**PS-2037 Flamprop isopropyl**

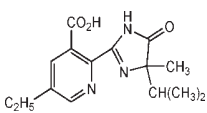
**CAS:** 52756-22-6 **LD<sub>50</sub>:** 3,000mg/kg  
**MW:** 363.84 **MF:** C<sub>19</sub>H<sub>19</sub>ClFNO<sub>3</sub>


**PS-2038 Flamprop-methyl**

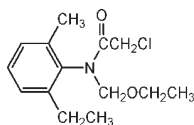
Mataven<sup>®</sup>, Methyl N-benzoyl-N-(3-chloro-4-fluorophenyl)-DL-ananinate  
**CAS:** 52756-25-9 **LD<sub>50</sub>:** 1,200mg/kg  
**MW:** 335.78 **MF:** C<sub>17</sub>H<sub>15</sub>ClFNO<sub>3</sub>


**PS-2039 Imazethapyr**

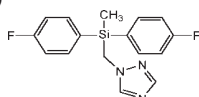
Pursuit<sup>®</sup>, (RS)-5-Ethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazol-2-yl)-nicotinic acid, Pivot<sup>®</sup>  
**CAS:** 81335-77-5 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 289.37 **MF:** C<sub>15</sub>H<sub>19</sub>N<sub>3</sub>O<sub>3</sub>


**PS-2040 Acetochlor**

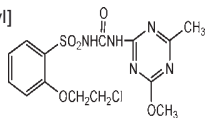
Harness Plus<sup>®</sup>, Surpass<sup>®</sup>, Trophy<sup>®</sup>, 2-Chloro-N-ethoxymethyl-6'-ethylacet-o-toluidide, Acenite<sup>®</sup>, Erunite<sup>®</sup>, Sacemid<sup>®</sup>  
**CAS:** 34256-82-1 **LD<sub>50</sub>:** 763mg/kg  
**MW:** 269.80 **MF:** C<sub>14</sub>H<sub>20</sub>ClNO<sub>2</sub>


**PS-2041 Flusilazole**

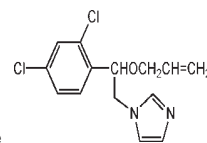
Punch<sup>®</sup>, Bis(4-fluorophenyl)(methyl) (1H-1,2,4-triazol-1-ylmethyl)silane, Nustar<sup>®</sup>, Olymp<sup>®</sup>  
**CAS:** 85509-19-9 **LD<sub>50</sub>:** 674mg/kg  
**MW:** 315.43 **MF:** C<sub>16</sub>H<sub>15</sub>F<sub>2</sub>N<sub>3</sub>Si


**PS-2042 Triasulfuron**

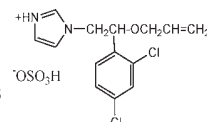
1-[2-(2-Chloroethoxy)phenylsulfonyl]-3-(4-methoxy-6-methyl)-1,3,5-triazin-2-yl)urea, Logran<sup>®</sup>, Amber<sup>®</sup>  
**CAS:** 82097-50-5 **LD<sub>50</sub>:** 5,050mg/kg  
**MW:** 401.86 **MF:** C<sub>14</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>5</sub>S


**PS-2043 Imazalil**

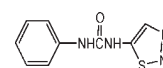
(+/-)-1-(B-Allyloxy-2,4-dichloro phenylethyl)imidazole, Deccozi<sup>®</sup>, Flo-Pro<sup>®</sup>, Florasan<sup>®</sup>, Freshgard<sup>®</sup>, Fungaflor<sup>®</sup>, Fungazil<sup>®</sup>, Fecundal<sup>®</sup>, Chloramizol<sup>®</sup>, 1-[2-(2,4-Dichlorophenyl)-2-(2-propenyloxy)ethyl]-1H-imidazole  
**CAS:** 35554-44-0 **LD<sub>50</sub>:** 227mg/kg  
**MW:** 297.20 **MF:** C<sub>14</sub>H<sub>14</sub>Cl<sub>2</sub>N<sub>2</sub>O


**PS-2043-1 Imazalil sulfate**

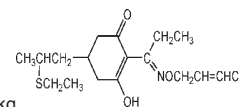
Imazalil hydrogensulfate  
**CAS:** 60534-80-7 **LD<sub>50</sub>:** 550mg/kg  
**MW:** 363.20 **MF:** C<sub>14</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>5</sub>S


**PS-2044 Thidiazuron**

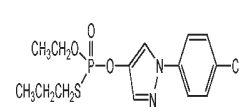
1-Phenyl-3-(1,2,3-thiadiazol-5-yl) urea, Dropp<sup>®</sup>  
**CAS:** 51707-55-2 **LD<sub>50</sub>:** 4,000mg/kg  
**MW:** 220.27 **MF:** C<sub>9</sub>H<sub>8</sub>N<sub>4</sub>OS


**PS-2045 Clethodim**

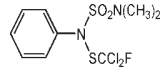
Select<sup>®</sup>, Prism<sup>®</sup>, E, E-(±)-2[1-[[3-Chloro-2-propenyl]oxy]imino] [propyl]5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one  
**CAS:** 99129-21-2 **LD<sub>50</sub>:** 1,360mg/kg  
**MW:** 359.95 **MF:** C<sub>17</sub>H<sub>26</sub>ClNO<sub>3</sub>S


**PS-2046 Pyraclofos**

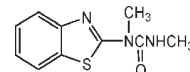
Voltage<sup>®</sup>, Boltage<sup>®</sup>, Starlex<sup>®</sup>, (RS)-[O-1-(4-Chlorophenyl) pyrazole-4-yl O-ethyl S-propyl phosphorothioate  
**CAS:** 77458-01-6 **LD<sub>50</sub>:** 237mg/kg  
**MW:** 360.82 **MF:** C<sub>14</sub>H<sub>16</sub>ClN<sub>2</sub>O<sub>3</sub>PS


**PS-2047 Dichlofluandil**

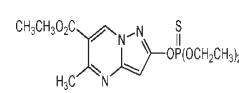
N-Dichlorofluoromethylthio-N',N'-dimethyl-N-phenylsulfamide, Euparen<sup>®</sup>  
**CAS:** 1085-98-9 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 333.24 **MF:** C<sub>9</sub>H<sub>11</sub>Cl<sub>2</sub>FN<sub>2</sub>O<sub>2</sub>S<sub>2</sub>


**PS-2048 Methabenzthiazuron**

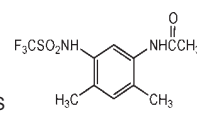
Tribunil<sup>®</sup>, 1-(1,3-Benzothiazol-2-yl)-1,3-dimethylurea  
**CAS:** 18691-97-9 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 221.30 **MF:** C<sub>10</sub>H<sub>11</sub>N<sub>3</sub>OS


**PS-2049 Pyrazophos**

Afugan<sup>®</sup>, Ethyl-2-diethoxyphos phinothioxyloxy-5-methylpyrazolo [1,5-a]-pyrimidine-6-carboxylate  
**CAS:** 13457-18-6 **LD<sub>50</sub>:** 151mg/kg  
**MW:** 373.40 **MF:** C<sub>14</sub>H<sub>20</sub>N<sub>3</sub>O<sub>5</sub>PS

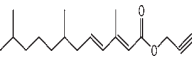
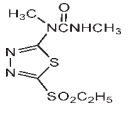
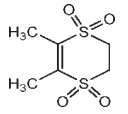
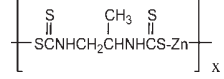
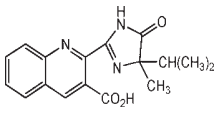
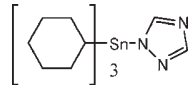
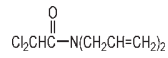
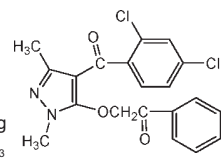

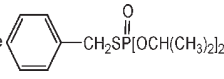
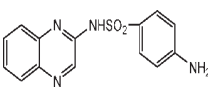
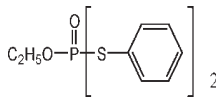
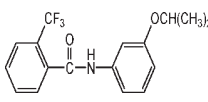
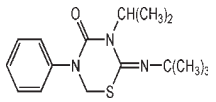
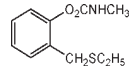
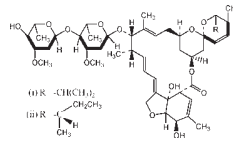
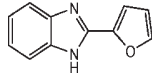
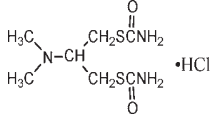

**PS-2050 Mefluidide**

Embarck<sup>®</sup>, Trim-Cut<sup>®</sup>, N-2,4-Dimethyl-5-[[[(trifluoromethyl) sulfonyl]amino]phenyl] acetamide  
**CAS:** 53780-34-0 **LD<sub>50</sub>:** 1,920mg/kg  
**MW:** 310.32 **MF:** C<sub>11</sub>H<sub>13</sub>F<sub>3</sub>N<sub>2</sub>O<sub>3</sub>S



**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

- |   |  |
|---|--|
| <p><b>PS-2051 Kinoprene</b><br/>Enstar<sup>®</sup>, 2-Propynyl-(E,E)-3,7,11-trimethyl-2,4-dodecadienoate<br/><b>CAS:</b> 42588-37-4 <b>LD<sub>50</sub>:</b> 4,900mg/kg<br/><b>MW:</b> 276.46 <b>MF:</b> C<sub>18</sub>H<sub>26</sub>O<sub>2</sub></p>    | <p><b>PS-2061 Ethidimuron</b><br/>Ustilan<sup>®</sup>, 1-(5-Ethylsulfonyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea<br/><b>CAS:</b> 30043-49-3 <b>LD<sub>50</sub>:</b> 5,000mg/kg<br/><b>MW:</b> 264.35 <b>MF:</b> C<sub>7</sub>H<sub>12</sub>N<sub>4</sub>O<sub>3</sub>S<sub>2</sub></p>   |
| <p><b>PS-2052 Dimethipin</b><br/>Harvade<sup>®</sup>, 2,3-Dihydro-5,6-dimethyl-1,4-dithiine-1,1,4,4-tetraoxide<br/><b>CAS:</b> 55290-64-7 <b>LD<sub>50</sub>:</b> 500mg/kg<br/><b>MW:</b> 210.28 <b>MF:</b> C<sub>6</sub>H<sub>10</sub>O<sub>4</sub>S<sub>2</sub></p>    | <p><b>PS-2062 Propineb</b><br/>Antracol<sup>®</sup>, Airone<sup>®</sup>, Agrocol<sup>®</sup>, [(1-Methyl-1,2-ethanediy)bis[carbomodithioato]](2-)zinc homopolymer<br/><b>CAS:</b> 9016-72-2 <b>LD<sub>50</sub>:</b> 5,000mg/kg<br/><b>MW:</b> (289.6)n <b>MF:</b> (C<sub>5</sub>H<sub>8</sub>N<sub>2</sub>S<sub>4</sub>Zn)<sub>n</sub></p>          |
| <p><b>PS-2053 Imazaquin</b><br/>Scepter<sup>®</sup>, (+/-)-2-[4,5-Dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid<br/><b>CAS:</b> 81335-37-7 <b>LD<sub>50</sub>:</b> 2,363mg/kg<br/><b>MW:</b> 311.37 <b>MF:</b> C<sub>17</sub>H<sub>17</sub>N<sub>3</sub>O<sub>3</sub></p>  | <p><b>PS-2063 Azocyclotin</b><br/>Peropal<sup>®</sup>, Clermait<sup>®</sup>, 1-(Tricyclohexylstannyl)-1H-1,2,4-triazole<br/><b>CAS:</b> 41083-11-8 <b>LD<sub>50</sub>:</b> 209mg/kg<br/><b>MW:</b> 436.27 <b>MF:</b> C<sub>20</sub>H<sub>36</sub>N<sub>3</sub>Sn</p>    |
| <p><b>PS-2054 Dichlorimid</b><br/>N,N-Diallyl-2,2-dichloroacetamide<br/><b>CAS:</b> 37764-25-3 <b>LD<sub>50</sub>:</b> 2,146mg/kg<br/><b>MW:</b> 208.10 <b>MF:</b> C<sub>8</sub>H<sub>11</sub>Cl<sub>2</sub>NO</p>   | <p><b>PS-2064 Pyrazoxyfen</b><br/>Paicer<sup>®</sup>, Mondaris<sup>®</sup>, 2-[4-(2,4-Dichlorobenzoyl)-1,3-dimethylpyrazol-5-yloxy]acetophenone<br/><b>CAS:</b> 71561-11-0 <b>LD<sub>50</sub>:</b> 1,644mg/kg<br/><b>MW:</b> 403.28 <b>MF:</b> C<sub>20</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>3</sub></p>                            |
| <p><b>PS-2055 Methyl anthranilate</b><br/>2-Aminobenzoic acid methyl ester<br/><b>CAS:</b> 134-20-3 <b>LD<sub>50</sub>:</b> 2,910mg/kg<br/><b>MW:</b> 151.18 <b>MF:</b> C<sub>8</sub>H<sub>9</sub>NO<sub>2</sub></p>   | <p><b>PS-2065 Iprobenfos</b><br/>Kitazin<sup>®</sup>, IBP, S-Benzyl O,O-di-isopropyl phosphorothioate<br/><b>CAS:</b> 26087-47-8 <b>LD<sub>50</sub>:</b> 490mg/kg<br/><b>MW:</b> 288.37 <b>MF:</b> C<sub>13</sub>H<sub>21</sub>O<sub>3</sub>PS</p>    |
| <p><b>PS-2056 Sulfaquinoxaline</b><br/>N'-2-Quinoxalyl sulfanilamine, Anti-K<sup>®</sup>, 2-Sulfanilamidoquinoxaline<br/><b>CAS:</b> 59-40-5 <b>LD<sub>50</sub>:</b> 1,370mg/kg<br/><b>MW:</b> 300.36 <b>MF:</b> C<sub>14</sub>H<sub>12</sub>N<sub>4</sub>O<sub>2</sub>S</p>                                     | <p><b>PS-2066 Edifenphos</b><br/>Hinosan<sup>®</sup>, O-Ethyl S,S-diphenyl phosphorodithioate<br/><b>CAS:</b> 17109-49-8 <b>LD<sub>50</sub>:</b> 100mg/kg<br/><b>MW:</b> 310.38 <b>MF:</b> C<sub>14</sub>H<sub>15</sub>O<sub>2</sub>S<sub>2</sub></p>   |
| <p><b>PS-2057 Flutolanil</b><br/>Moncut<sup>®</sup>, a,a,a-Trifluoro-3'-isopropoxy-o-toluanilide<br/><b>CAS:</b> 66332-96-5 <b>LD<sub>50</sub>:</b> 10,000mg/kg<br/><b>MW:</b> 323.34 <b>MF:</b> C<sub>17</sub>H<sub>16</sub>F<sub>3</sub>NO<sub>2</sub></p>   | <p><b>PS-2067 Buprofezin</b><br/>2-tert-Butylamino-3-isopropyl-5-phenyl-1,3,5-thiadiazinan-4-one, Applaud<sup>®</sup><br/><b>CAS:</b> 69327-76-0 <b>LD<sub>50</sub>:</b> 2,198mg/kg<br/><b>MW:</b> 305.48 <b>MF:</b> C<sub>16</sub>H<sub>23</sub>N<sub>3</sub>OS</p>    |
| <p><b>PS-2058 Ethiofencarb</b><br/>Croneton<sup>®</sup>, a-Ethylthio-o-tolylmethyl carbamate<br/><b>CAS:</b> 29973-13-5 <b>LD<sub>50</sub>:</b> 200mg/kg<br/><b>MW:</b> 225.33 <b>MF:</b> C<sub>11</sub>H<sub>15</sub>NO<sub>2</sub>S</p>    | <p><b>PS-2068 Abamectin</b><br/>Avermectin B1, Dynamec<sup>®</sup>, Agri-Mek<sup>®</sup>, Avid<sup>®</sup>, Zephyr<sup>®</sup><br/><b>CAS:</b> 71751-41-2 <b>LD<sub>50</sub>:</b> 10mg/kg<br/><b>MW:</b> 873./860.1 <b>MF:</b> C<sub>48</sub>H<sub>72</sub>O<sub>14</sub><br/>/C<sub>47</sub>H<sub>70</sub>O<sub>14</sub></p>                     |
| <p><b>PS-2059 Fuberidazole</b><br/>Voronit<sup>®</sup>, 2-(2-Furanyl)-1H-benzimidazole<br/><b>CAS:</b> 3878-19-1 <b>LD<sub>50</sub>:</b> 500mg/kg<br/><b>MW:</b> 184.21 <b>MF:</b> C<sub>11</sub>H<sub>8</sub>N<sub>2</sub>O</p>   | <p><b>PS-2069 Cartap hydrochloride</b><br/>S,S'-2-Dimethylaminotrimethylene bis(thiocarbamate) hydrochloride, Suntain<sup>®</sup>, Padan<sup>®</sup>, Sunvex<sup>®</sup><br/><b>CAS:</b> 22042-59-7 <b>LD<sub>50</sub>:</b> 325mg/kg<br/><b>MW:</b> 273.83 <b>MF:</b> C<sub>7</sub>H<sub>15</sub>N<sub>3</sub>O<sub>2</sub>S<sub>2</sub>.HCl</p>  |

Numerical Listing

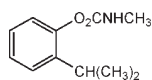
For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)



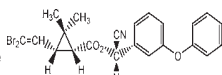
## Chem Service Pesticide Standards - Numerical Listing

Numerical Listing

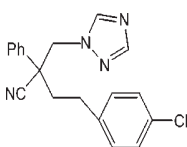
**PS-2070 Isoprocarb**  
MIPC, 2-(1-Methylethyl)phenyl methylcarbamate  
**CAS:** 2631-40-5 **LD<sub>50</sub>:** 178mg/kg  
**MW:** 193.27 **MF:** C<sub>11</sub>H<sub>15</sub>NO<sub>2</sub>



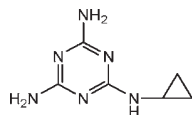
**PS-2071 Deltamethrin**  
Butox®, Decis®, K-Othrin®, (S)-a-Cyano-3-phenoxybenzyl (1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropane carboxylate  
**CAS:** 52918-63-5 **LD<sub>50</sub>:** 535mg/kg  
**MW:** 505.24 **MF:** C<sub>22</sub>H<sub>19</sub>Br<sub>2</sub>NO<sub>3</sub>



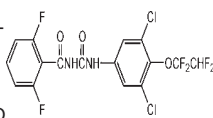
**PS-2072 Fenbuconazole**  
Indar®, Enable®, Govern®, 4-(4-Chlorophenyl)-2-phenyl-2-[1H-1,2,4-triazol-1-yl)methyl] butanenitrile, alpha-(3-(4-Chlorophenyl)ethyl-alpha-phenyl-(1H-1,2,4-triazole)-1-propanenitrile  
**CAS:** 114369-43-6 **LD<sub>50</sub>:** 2,000mg/kg  
**MW:** 336.85 **MF:** C<sub>19</sub>H<sub>17</sub>ClN<sub>4</sub>



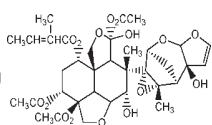
**PS-2073 Cyromazine**  
Cypromazine, Trigard®, Armor®, N-Cyclopropyl-1,3,5-triazine-2,4,6-triamine  
**CAS:** 66215-27-8 **LD<sub>50</sub>:** 3,387mg/kg  
**MW:** 166.22 **MF:** C<sub>6</sub>H<sub>10</sub>N<sub>6</sub>



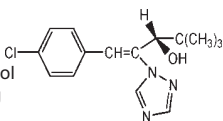
**PS-2074 Hexaflumuron**  
Consult®, 1-[3,5-Dichloro-4-(1,1,2,2-tetrafluoroethoxy)phenyl]3-(2,6-difluorobenzoyl)urea  
**CAS:** 86479-06-3 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 471.26 **MF:** C<sub>16</sub>H<sub>16</sub>Cl<sub>2</sub>F<sub>6</sub>N<sub>2</sub>O<sub>3</sub>



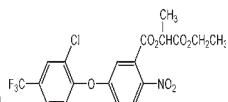
**PS-2075 Azadirachtin**  
Azatin®  
**CAS:** 11141-17-6 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 720.7 **MF:** C<sub>35</sub>H<sub>44</sub>O<sub>16</sub>



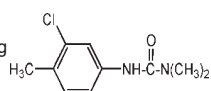
**PS-2076 Uniconazole-P**  
Sumagic®, (E)-(RS)-1-(4-Chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl) pent-1-en-3-ol  
**CAS:** 83657-17-4 **LD<sub>50</sub>:** 1,790mg/kg  
**MW:** 291.81 **MF:** C<sub>18</sub>H<sub>18</sub>ClN<sub>3</sub>O



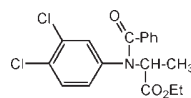
**PS-2077 Lactofen**  
Cobra®, Ethyl O-[5-(2-chloro-a,a-trifluoro-p-tolyloxy)-2-nitrobenzoyl]-DL-lactate  
**CAS:** 77501-63-4 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 461.80 **MF:** C<sub>19</sub>H<sub>15</sub>ClF<sub>3</sub>NO<sub>7</sub>



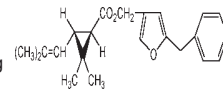
**PS-2078 Chlorotoluron**  
Dicuran®, Lentipur®, Toro®,  
**CAS:** 15545-48-9 **LD<sub>50</sub>:** 10,000mg/kg  
**MW:** 212.70 **MF:** C<sub>10</sub>H<sub>13</sub>ClN<sub>2</sub>O



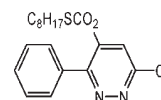
**PS-2079 Benzoylprop ethyl**  
Suffix®, Ethyl N-benzoyl-N-(3,4-dichlorophenyl)-DL-alaninate  
**CAS:** 22212-55-1 **LD<sub>50</sub>:** 1,550mg/kg  
**MW:** 366.26 **MF:** C<sub>18</sub>H<sub>17</sub>Cl<sub>2</sub>NO<sub>3</sub>



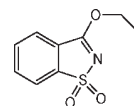
**PS-2080 Bioresmethrin**  
d-trans-Resmethrin  
**CAS:** 28434-01-7 **LD<sub>50</sub>:** 1,244mg/kg  
**MW:** 338.48 **MF:** C<sub>22</sub>H<sub>26</sub>O<sub>3</sub>



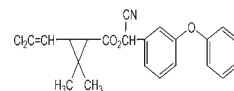
**PS-2081 Pyridate**  
Lentagran®, Tough®, O-(6-Chloro-3-phenyl-4-pyridazinyl) S-octyl carbonothioate  
**CAS:** 55512-33-9 **LD<sub>50</sub>:** 1,970mg/kg  
**MW:** 378.95 **MF:** C<sub>19</sub>H<sub>19</sub>ClN<sub>2</sub>O<sub>2</sub>S



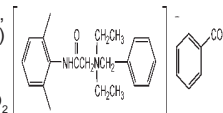
**PS-2082 Probenazole**  
Oryzamate®, 3-Allyloxy-1,2-benz[d]isothiazole 1,1-dioxide  
**CAS:** 27605-76-1 **LD<sub>50</sub>:** 2,030mg/kg  
**MW:** 223.26 **MF:** C<sub>10</sub>H<sub>9</sub>NO<sub>3</sub>S



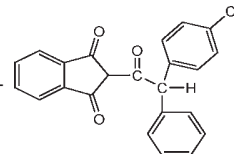
**PS-2083 alpha-Cypermethrin**  
Fastac®, Bestox®, Alphamethrin®, Fendona®, Renegade®, Dominex®, [1a(S<sup>o</sup>),3a(+/-)-Cyano-(3-phenoxyphenyl)methyl-3-(2,2-dichlorovinyl)-2,2-dimethyl cyclopropanecarboxylate  
**CAS:** 67375-30-8 **LD<sub>50</sub>:** 79mg/kg  
**MW:** 416.32 **MF:** C<sub>22</sub>H<sub>19</sub>Cl<sub>2</sub>NO<sub>3</sub>



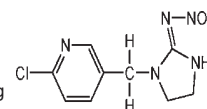
**PS-2084 Bitrex®**  
Bitterguard®, Denatonium benzoate, Benzyl-diethyl [(2,6-xylylcarbamoyl) ammonium benzoate  
**CAS:** 3734-33-6 **LD<sub>50</sub>:** 584mg/kg  
**MW:** 446.64 **MF:** C<sub>21</sub>H<sub>29</sub>N<sub>2</sub>O<sub>7</sub>



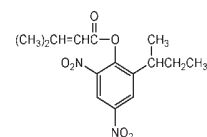
**PS-2085 Chlorophacinone**  
Caid®, Liphadione®, Raviac®, Rozol®, 2-[2-(4-Chlorophenyl)-2-phenylacetyl]indan-1,3-dione, 2-[[4-(4-Chlorophenyl)phenylacetyl]-1H-indene-1,3(2H)-dione  
**CAS:** 3691-35-8 **LD<sub>50</sub>:** 2mg/kg  
**MW:** 374.83 **MF:** C<sub>23</sub>H<sub>15</sub>ClO<sub>3</sub>



**PS-2086 Imidacloprid**  
Admire®, Confidor®, Gaucho®, Merit®, 1-[[6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine  
**CAS:** 138261-41-3 **LD<sub>50</sub>:** 450mg/kg  
**MW:** 255.69 **MF:** C<sub>9</sub>H<sub>10</sub>ClN<sub>2</sub>O<sub>2</sub>



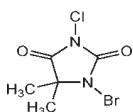
**PS-2087 Binapacryl**  
Morocide®, 2-sec-Butyl-4,6-dinitrophenyl 3-methylcrotonate  
**CAS:** 485-31-4 **LD<sub>50</sub>:** 58mg/kg  
**MW:** 322.35 **MF:** C<sub>15</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub>



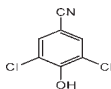
**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

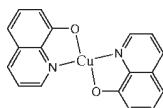
**PS-2089 Agribrom**  
1-Bromo-3-chloro-5,5-dimethyl-2,4-imidazolidinedione  
CAS: 16079-88-2 LD<sub>50</sub>: 1,390mg/kg  
MW: 241.49 MF: C<sub>5</sub>H<sub>6</sub>BrClN<sub>2</sub>O<sub>2</sub>



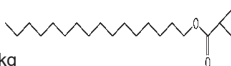
**PS-2090 Chloroxylin**  
3,5-Dichloro-4-hydroxybenzonitrile  
CAS: 1891-95-8 LD<sub>50</sub>: N/A  
MW: 188.01 MF: C<sub>7</sub>H<sub>3</sub>Cl<sub>2</sub>NO



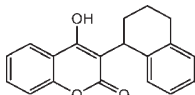
**PS-2091 Copper-8-Quinolinolate**  
Oxine-copper, Quinolate®  
CAS: 10380-28-6 LD<sub>50</sub>: 9,930mg/kg  
MW: 351.86 MF: C<sub>18</sub>H<sub>12</sub>CuN<sub>2</sub>O<sub>2</sub>



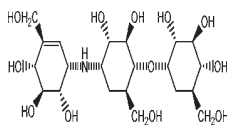
**PS-2092 Cycloprate**  
Zardex®, Hexadecyl cyclopropanecarboxylate  
CAS: 54460-46-7 LD<sub>50</sub>: 12,200mg/kg  
MW: 310.58 MF: C<sub>20</sub>H<sub>38</sub>O<sub>2</sub>



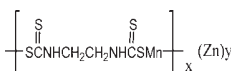
**PS-2093 Coumatetralyl**  
Racumin®, 4-Hydroxy-3-(1,2,3,4-tetrahydro-1-naphthalenyl)-2H-1-benzopyran-2-one  
CAS: 5836-29-3 LD<sub>50</sub>: 17mg/kg  
MW: 292.35 MF: C<sub>18</sub>H<sub>16</sub>O<sub>3</sub>



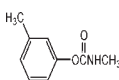
**PS-2094 Validamycin**  
Solacol®, Validacin®, Valimun®, 1L-(1,3,4/2,6)-2,3-Dihydroxy-6-hydroxymethyl-4-[(1S,4R,5S,6S)-4,5,6-trihydroxy-3-hydroxymethylcyclohex-2-enylamino]cyclohexyl beta-D-glucoside  
CAS: 37248-47-8 LD<sub>50</sub>: 20,000mg/kg  
MW: 497.56 MF: C<sub>20</sub>H<sub>35</sub>NO<sub>13</sub>



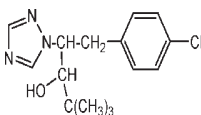
**PS-2095 Mancozeb**  
Manzate®, Pennfluid®, Trimanoc®, Penncozeb®, Tridex® Fungicide, Dithane®, Fore®, Zinc and Manganese ethylene bisdithiocarbamate coordination product  
CAS: 8018-01-7 LD<sub>50</sub>: 5,000mg/kg  
MW: 541.03 MF: [C<sub>4</sub>H<sub>6</sub>MnN<sub>2</sub>S<sub>4</sub>]<sub>x</sub>Zn<sub>y</sub>



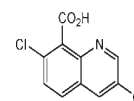
**PS-2096 Metolcarb**  
MTMC, Metacrate®, m-Tolyl methyl carbamate  
CAS: 1129-41-5 LD<sub>50</sub>: 268mg/kg  
MW: 165.21 MF: C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>



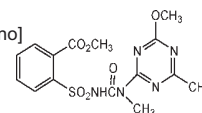
**PS-2097 Paclobutrazol**  
Bonzi®, Clipper®, Cultar®, Parlay, (2RS,3RS)-1-(4-Chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-ol  
CAS: 76738-62-0 LD<sub>50</sub>: 1,300mg/kg  
MW: 293.83 MF: C<sub>15</sub>H<sub>20</sub>ClN<sub>3</sub>O



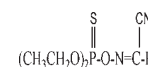
**PS-2098 Quinclorac**  
Facet®, 3,7-Dichloro-8-quinoline carboxylic acid  
CAS: 84087-01-4 LD<sub>50</sub>: 2,190mg/kg  
MW: 242.06 MF: C<sub>10</sub>H<sub>6</sub>Cl<sub>2</sub>NO<sub>2</sub>



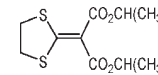
**PS-2099 Tribenuron methyl**  
Express®, Methyl 2-[[[4-methoxy-6-methyl-1,3,5-triazin-2-yl)methylamino]carbonylamino]sulfonyl]benzoate  
CAS: 101200-48-0 LD<sub>50</sub>: 5,000mg/kg  
MW: 395.43 MF: C<sub>15</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub>S



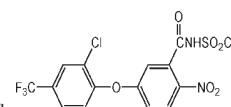
**PS-2100 Phoxim**  
Baythion®, Volaton®, alpha-[[[(Diethoxyphosphinothio)oxy]imino]benzene-acetonitrile  
CAS: 14816-18-3 LD<sub>50</sub>: 300mg/kg  
MW: 298.32 MF: C<sub>12</sub>H<sub>15</sub>N<sub>2</sub>O<sub>3</sub>PS



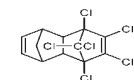
**PS-2101 Isoprothiolane**  
Fuji-One®, Di-isopropyl 1,3-dithiolan-2-ylidene malonate  
CAS: 50512-35-1 LD<sub>50</sub>: 1,190mg/kg  
MW: 290.42 MF: C<sub>12</sub>H<sub>18</sub>O<sub>4</sub>S<sub>2</sub>



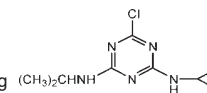
**PS-2102 Fomesafen**  
Flex®, Reflex®, Flexstar, 5-[2-Chloro-4-(trifluoromethyl)phenoxy]-N-(methylsulfonyl)-2-nitrobenzamide  
CAS: 72178-02-0 LD<sub>50</sub>: 1,250mg/kg  
MW: 438.78 MF: C<sub>15</sub>H<sub>10</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>6</sub>S



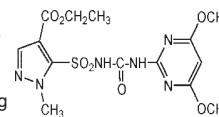
**PS-2103 Isodrin**  
(ACS Standard Grade)  
CAS: 465-73-6 LD<sub>50</sub>: 7mg/kg  
MW: 364.90 MF: C<sub>12</sub>H<sub>8</sub>Cl<sub>6</sub>



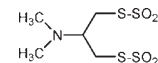
**PS-2104 Cyprazine**  
2-Chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine  
CAS: 22936-86-3 LD<sub>50</sub>: 1,200mg/kg  
MW: 227.73 MF: C<sub>9</sub>H<sub>14</sub>ClN<sub>5</sub>



**PS-2105 Pyrazosulfuron-ethyl**  
Acord®, Agreen®, Sirius®, Ethyl 5-(4,6-dimethoxypyrimidin-2-ylcarbamoylsulfamoyl)-1-methylpyrazole-4-carboxylate  
CAS: 93697-74-6 LD<sub>50</sub>: 5,000mg/kg  
MW: 414.44 MF: C<sub>14</sub>H<sub>18</sub>N<sub>6</sub>O<sub>7</sub>S



**PS-2106 Bensultap**  
Banco®, S,S'-2-Dimethylamino trimethylene di (benzenethiosulfonate)  
CAS: 17606-31-4 LD<sub>50</sub>: 1,105mg/kg  
MW: 431.63 MF: C<sub>17</sub>H<sub>21</sub>N<sub>2</sub>O<sub>4</sub>S<sub>4</sub>

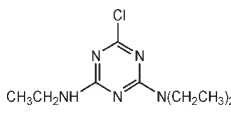
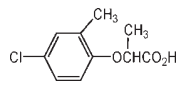
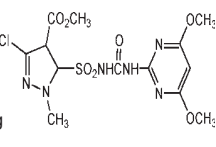
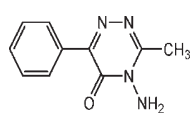
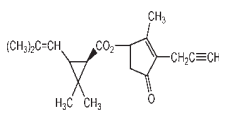
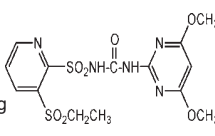
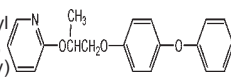
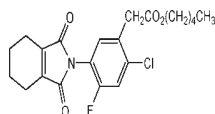
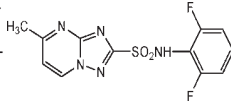
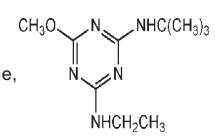
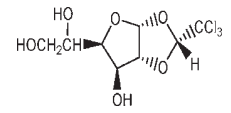
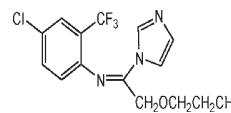
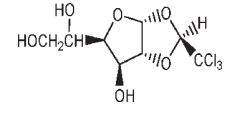
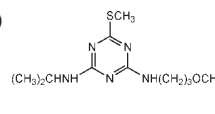
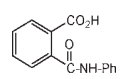
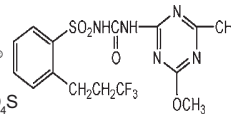
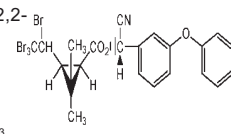


Numerical Listing

For new pesticides and custom mixtures contact us at +1-610-692-3026 or www.chemservice.com

## Chem Service Pesticide Standards - Numerical Listing

Numerical Listing

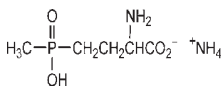
- |   |   |
|---|---|
| <p><b>PS-2107 Trietazine</b><br/>2-Chloro-4-diethylamino-6-ethylamino-1,3,5-triazine<br/>CAS: 1912-26-1 LD<sub>50</sub>: 594mg/kg<br/>MW: 229.75 MF: C<sub>9</sub>H<sub>16</sub>ClN<sub>5</sub></p> <div style="text-align: center;">  </div>  | <p><b>PS-2116 Mecoprop-P</b><br/>Duplosan® KV, Optica®, (+)-(R)-2-(4-Chloro-2-methylphenoxy)propionic acid, D(+)-Mecoprop, MCP-P<br/>CAS: 16484-77-8 LD<sub>50</sub>: 1,050mg/kg<br/>MW: 214.65 MF: C<sub>10</sub>H<sub>11</sub>ClO<sub>3</sub></p> <div style="text-align: center;">  </div>  |
| <p><b>PS-2108 Halosulfuron-methyl</b><br/>Permit®, Battalion®, Manage®, Sempra®, Methyl 5-[[[4,6-dimethoxy-2-pyrimidinyl]amino]carbonylamino sulfonyl]-3-chloro-1-methyl-1H-pyrazole-4-carboxylate<br/>CAS: 100784-20-1 LD<sub>50</sub>: 8,865mg/kg<br/>MW: 434.85 MF: C<sub>13</sub>H<sub>15</sub>ClN<sub>6</sub>O<sub>7</sub>S</p> <div style="text-align: center;">  </div>                                       | <p><b>PS-2117 Metamitron</b><br/>4-Amino-4,5-dihydro-3-methyl-6-phenyl-1,2,4-triazin-5-one, Goltix®, Tornado®<br/>CAS: 41394-05-2 LD<sub>50</sub>: 1,200mg/kg<br/>MW: 202.24 MF: C<sub>10</sub>H<sub>10</sub>N<sub>4</sub>O</p> <div style="text-align: center;">  </div>  |
| <p><b>PS-2109 Prallethrin</b><br/>Etoc®, Nylar®, (S)-2-Methyl-4-oxo-3-(2-propynyl)-cyclopenten-1-yl (1R)-cis-trans-chrysanthemate<br/>CAS: 23031-36-9 LD<sub>50</sub>: 460mg/kg<br/>MW: 300.43 MF: C<sub>19</sub>H<sub>24</sub>O<sub>3</sub></p> <div style="text-align: center;">  </div>   | <p><b>PS-2118 Rimsulfuron</b><br/>1-(4,6-Dimethoxypyrimidin-2-yl)-3-(3-ethylsulfonyl-2-pyridylsulfonyl) urea, Titus®, Matrix®<br/>CAS: 122931-48-0 LD<sub>50</sub>: 5,000mg/kg<br/>MW: 431.48 MF: C<sub>14</sub>H<sub>17</sub>N<sub>5</sub>O<sub>7</sub>S<sub>2</sub></p> <div style="text-align: center;">  </div>  |
| <p><b>PS-2110 Pyriproxyfen</b><br/>Admiral®, Knack®, Adeal®, Atominal®, Epingle®, Juvinal®, Lano®, Nemesis®, 4-Phenoxyphenyl (RS)-2-(2-pyridyloxy)propyl ether, 2-[1-Methyl-2-(4-phenoxyphenoxy)ethoxy]pyridine<br/>CAS: 95737-68-1 LD<sub>50</sub>: 5,000mg/kg<br/>MW: 321.40 MF: C<sub>20</sub>H<sub>19</sub>NO<sub>3</sub></p> <div style="text-align: center;">  </div>  | <p><b>PS-2119 Flumiclorac-pentyl</b><br/>Pentyl[2-chloro-5-(cyclohex-1-ene-1,2-dicarboximido)-4-fluorophenoxy]acetate, Resource®, Radiant®, Sumiverde®<br/>CAS: 87546-18-7 LD<sub>50</sub>: N/A<br/>MW: 403.843 MF: C<sub>21</sub>H<sub>19</sub>O<sub>3</sub>NCIF</p> <div style="text-align: center;">  </div>   |
| <p><b>PS-2111 Flumetsulam</b><br/>Broadstrike®, Preside®, Scorpion®, 2-(2,6-Difluorophenylsulphamoyl)-5-methyl[1,2,4]-triazolo[1,5-a]pyridine, N-(2,6-Difluorophenyl)-5-methyl-[1,2,4]triazolo[1,5-a]pyrimidine-2-sulfonamide<br/>CAS: 98967-40-9 LD<sub>50</sub>: 5,000mg/kg<br/>MW: 325.32 MF: C<sub>12</sub>H<sub>9</sub>F<sub>2</sub>N<sub>5</sub>O<sub>2</sub>S</p> <div style="text-align: center;">  </div> | <p><b>PS-2120 Terbumeton</b><br/>Caragard®, N-(1,1-Dimethylethyl)-N'-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine, N2-tert-Butyl-N4-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine, 2-tert-Butylamino-4-ethylamino-6-methoxy-s-triazine,<br/>CAS: 33693-04-8 LD<sub>50</sub>: 433mg/kg<br/>MW: 225.34 MF: C<sub>10</sub>H<sub>19</sub>N<sub>5</sub>O</p> <div style="text-align: center;">  </div> |
| <p><b>PS-2112 a-Chloralose</b><br/>Alfa-4®, Alfa Z®, Alfamat®, (R)-1,2-O-(2,2,2-Trichloroethylidene)-a-D-glucofuranose<br/>CAS: 15879-93-3 LD<sub>50</sub>: 400mg/kg<br/>MW: 309.54 MF: C<sub>8</sub>H<sub>11</sub>Cl<sub>3</sub>O<sub>6</sub></p> <div style="text-align: center;">  </div>   | <p><b>PS-2121 Triflumizole</b><br/>Procare®, Trifmine®, 4-Chloro-a,a,a-trifluoro-N-(1-imidazol-1-yl-2-propoxyethylidene)-o-toluidine<br/>CAS: 68694-11-1 LD<sub>50</sub>: 695mg/kg<br/>MW: 345.78 MF: C<sub>15</sub>H<sub>15</sub>ClF<sub>3</sub>N<sub>3</sub>O</p> <div style="text-align: center;">  </div>  |
| <p><b>PS-2113 b-Chloralose</b><br/>CAS: 16376-36-6 LD<sub>50</sub>: N/A<br/>MW: 309.53 MF: C<sub>8</sub>H<sub>11</sub>Cl<sub>3</sub>O<sub>6</sub></p> <div style="text-align: center;">  </div>  | <p><b>PS-2122 Methoprotryne</b><br/>Gesaran®, Amethopterin®, N2-Isopropyl-N4-(3-methoxypropyl)-6-methylthio-1,3,5-triazine-2,4-diamine<br/>CAS: 841-06-5 LD<sub>50</sub>: 5,000mg/kg<br/>MW: 271.43 MF: C<sub>11</sub>H<sub>21</sub>NO<sub>3</sub>S</p> <div style="text-align: center;">  </div>  |
| <p><b>PS-2114 Phthalanillic acid</b><br/>Nevirol®, Phenylphthalanic acid<br/>CAS: 4727-29-1 LD<sub>50</sub>: 8,837mg/kg<br/>MW: 241.26 MF: C<sub>14</sub>H<sub>11</sub>NO<sub>3</sub></p> <div style="text-align: center;">  </div>  | <p><b>PS-2123 Prosulfuron</b><br/>1-(4-Methoxy-6-methyl-1,3,5-triazin-2-yl)-3-[2-(3,3,3-trifluoropropyl)phenylsulfonyl]urea, Peak®<br/>CAS: 94125-34-5 LD<sub>50</sub>: 986mg/kg<br/>MW: 419.38 MF: C<sub>15</sub>H<sub>16</sub>F<sub>3</sub>N<sub>5</sub>O<sub>4</sub>S</p> <div style="text-align: center;">  </div>   |
| <p><b>PS-2115 Tralomethrin</b><br/>(S)-a-Cyano-3-phenoxybenzyl (1R,3S)-2,2-dimethyl-3-[(RS)-1,2,2,2-tetrabromoethyl]cyclopropane carboxylate, Saga®, Scout®, Tralox®, Tracker®, Tralate®<br/>CAS: 66841-25-6 LD<sub>50</sub>: 99mg/kg<br/>MW: 665.06 MF: C<sub>22</sub>H<sub>19</sub>Br<sub>4</sub>NO<sub>3</sub></p> <div style="text-align: center;">  </div>  |   |

WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS

## Chem Service Pesticide Standards - Numerical Listing

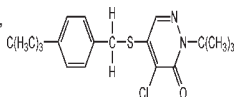
**PS-2124 Glufosinate-ammonium**

Ammonium-4-[hydroxy(methyl) phosphinoyl]-DL-homoalaninate, Basta®, Liberty®, Finale®, Sanyte®, Jarben®, Poseidon®, Rely®, Harvest®, Challenge®, Conquest®  
**CAS:** 77182-82-2 **LD<sub>50</sub>:** 1,620mg/kg  
**MW:** 198.19 **MF:** C<sub>5</sub>H<sub>11</sub>NO<sub>4</sub>P<sub>1</sub>N



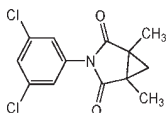
**PS-2125 Pyridaben**

2-tert-Butyl-5-(4-tert-butylbenzyl thio)-4-chloropyridazin-3(2H)-one, Sanmite®, Jarben®, Poseidon®, Nexter®, Pyramite®  
**CAS:** 96489-71-3 **LD<sub>50</sub>:** 570mg/kg  
**MW:** 364.93 **MF:** C<sub>19</sub>H<sub>25</sub>ClN<sub>2</sub>O<sub>2</sub>S



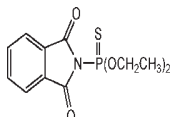
**PS-2126 Procyridone**

N-(3,5-Dichlorophenyl)-1,2-dimethylcyclopropane-1,2-dicarboximide, Sumilex®, Marcidone®, Kimono®, Sumiscler®,  
**CAS:** 32809-16-8 **LD<sub>50</sub>:** 7,000mg/kg  
**MW:** 284.15 **MF:** C<sub>13</sub>H<sub>11</sub>Cl<sub>2</sub>NO<sub>2</sub>



**PS-2127 Ditalimfos**

Laptran®, Plondrel®, O,O-Diethyl phthalimido phosphonothioate  
**CAS:** 5131-24-8 **LD<sub>50</sub>:** 4,930mg/kg  
**MW:** 299.30 **MF:** C<sub>12</sub>H<sub>14</sub>NO<sub>4</sub>PS



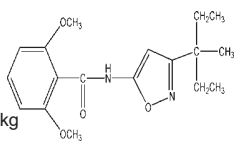
**PS-2128 Bronopol**

2-Bromo-2-nitro-1,3-propanediol  
**CAS:** 52-51-7 **LD<sub>50</sub>:** 180mg/kg  
**MW:** 199.99 **MF:** C<sub>3</sub>H<sub>6</sub>BrNO<sub>4</sub>



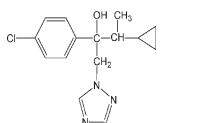
**PS-2129 Isoxaben**

N-[3-(1-Ethyl-1-methylpropyl) isoxazol-5-yl]-2,6-dimethoxy benzamide, Combat®, Gallery®, Flexidor®  
**CAS:** 82558-50-7 **LD<sub>50</sub>:** 10,000mg/kg  
**MW:** 332.4 **MF:** C<sub>18</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>



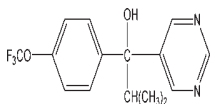
**PS-2130 Cyproconazole**

Sentinel®, Alto®, Atemi®, (2RS,3RS;2RS,3SR)-2-(4-Chloro phenyl)-3-cyclopropyl-1-(1H-1,2,4-triazol-1-yl)butan-2-ol  
**CAS:** 113096-99-4 **LD<sub>50</sub>:** 1,020mg/kg  
**MW:** 291.81 **MF:** C<sub>15</sub>H<sub>18</sub>ClN<sub>3</sub>O



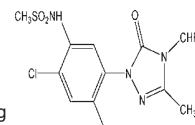
**PS-2131 Flurprimidol**

Cutless®, a-(1-Methylethyl)-a-[4-trifluoromethoxyphenyl]-5-pyrimidinemethanol  
**CAS:** 56425-91-3 **LD<sub>50</sub>:** 709mg/kg  
**MW:** 312.3 **MF:** C<sub>15</sub>H<sub>15</sub>F<sub>3</sub>N<sub>2</sub>O<sub>2</sub>



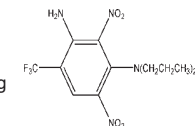
**PS-2132 Sulfentrazone**

Authority®, 2',4'-Dichloro-5'-(4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl) methanesulfonanilide  
**CAS:** 122836-35-5 **LD<sub>50</sub>:** 2,855mg/kg  
**MW:** 387.2 **MF:** C<sub>11</sub>H<sub>10</sub>Cl<sub>2</sub>F<sub>2</sub>N<sub>4</sub>O<sub>3</sub>S



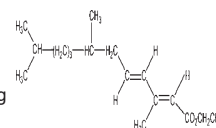
**PS-2133 Prodiamine**

5-Dipropylamino-a,a,a-trifluoro-4,6-dinitro-o-toluidine, Barricade®, Endurance®, Marathon®  
**CAS:** 29091-21-2 **LD<sub>50</sub>:** 15,380mg/kg  
**MW:** 350.3 **MF:** C<sub>13</sub>H<sub>17</sub>F<sub>3</sub>N<sub>4</sub>O<sub>4</sub>



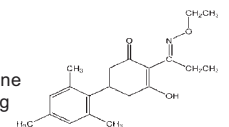
**PS-2134 Hydroprene**

GenTrol®, Ethyl-(2E,4E,7S)-3,7,11-trimethyl-2,4-dodecadienoate, Mator®,  
**CAS:** 41096-46-2 **LD<sub>50</sub>:** 34,000mg/kg  
**MW:** 266.47 **MF:** C<sub>17</sub>H<sub>30</sub>O<sub>2</sub>



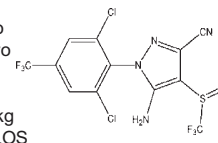
**PS-2135 Tralkoxydim**

Grasp®, Achieve®, Splendor®, 2-[1-(Ethoxyimino) propyl]-3-hydroxy-5-mesitylcyclohex-2-enone  
**CAS:** 87820-88-0 **LD<sub>50</sub>:** 1,324mg/kg  
**MW:** 329.4 **MF:** C<sub>20</sub>H<sub>27</sub>NO<sub>3</sub>



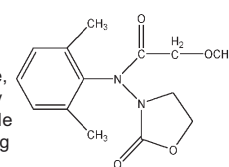
**PS-2136 Fipronil**

5-Amino-[2,6-dichloro-4-(trifluoro methyl)phenyl]-4-[(1R,S)-(trifluoro methyl)sulfinyl]-1H-pyrazole-3-carbonitrile  
**CAS:** 120068-37-3 **LD<sub>50</sub>:** 100mg/kg  
**MW:** 437.15 **MF:** C<sub>12</sub>F<sub>4</sub>Cl<sub>2</sub>N<sub>4</sub>OS



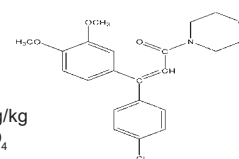
**PS-2137 Oxadixyl**

Anchor®, Sandofan®, 2-Methoxy-N-(2-oxo-1,3-oxazolidin-3-yl)aceto-2',6'-xylylide, N-(2,6-Dimethylphenyl)-2-methoxy-N-(2-oxo-3-oxazolidinyl)acetamide  
**CAS:** 77732-09-3 **LD<sub>50</sub>:** 3,480mg/kg  
**MW:** 278.3 **MF:** C<sub>14</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>



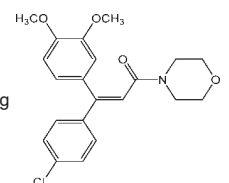
**PS-2138 Dimethomorph**

Acrobat®, (E,Z)-4-[3-(4-Chlorophenyl)-3-(3,4-dimethoxy phenyl)acryloyl]-morpholine  
**CAS:** 110488-70-5 **LD<sub>50</sub>:** 3,900mg/kg  
**MW:** 387.9 **MF:** C<sub>21</sub>H<sub>22</sub>ClNO<sub>4</sub>



**PS-2138-1Z-Dimethomorph**

(Z)-4-[3-(4-Chlorophenyl)-3-(3,4-dimethoxyphenyl)acryloyl]-morpholine  
**CAS:** N/A **LD<sub>50</sub>:** 4,300mg/kg  
**MW:** 387.9 **MF:** C<sub>21</sub>H<sub>22</sub>ClNO<sub>4</sub>



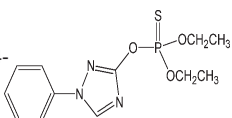
Numerical Listing

## Chem Service Pesticide Standards - Numerical Listing

**PS-2139 Triazophos**

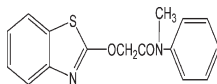
Hostathion, O,O-Diethyl O-1-Phenyl-1H-1,2,4-triazol-3-yl phosphorothioate, 1-Phenyl-1,2,4-triazolyl-3-(O,O-diethylthiono phosphate)

**CAS:** 24017-47-8 **LD<sub>50</sub>:** 57mg/kg  
**MW:** 313.31 **MF:** C<sub>12</sub>H<sub>16</sub>N<sub>3</sub>O<sub>3</sub>PS


**PS-2140 Mefenacet**

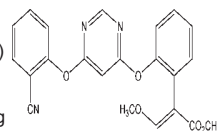
Hincholea®, 2-(2-benzothiazolyl oxy)-N-methyl-N-phenylacetamide, 2-(1,3-benzothiazol-2-yloxy)-N-methylacetanilide

**CAS:** 73250-68-7 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 298.4 **MF:** C<sub>16</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>S


**PS-2141 Azoxystrobin**

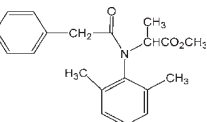
Heritage®, Amistar®, Methyl (E)-2-2-6-(2-Cyanophenoxy)pyrimidin-4-yloxy-phenyl-3-methoxyacrylate

**CAS:** 131860-33-8 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 403.39 **MF:** C<sub>22</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub>


**PS-2142 Benalaxyl**

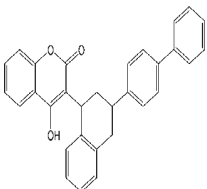
Galben®, Tairel®, Methyl N-phenylacetyl-N-2,6-xylyl-DL-alaninate

**CAS:** 71626-11-4 **LD<sub>50</sub>:** 4,200mg/kg  
**MW:** 325.4 **MF:** C<sub>20</sub>H<sub>23</sub>NO<sub>3</sub>


**PS-2143 Difenacoum**

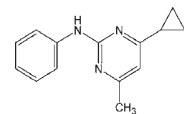
Frunax-DS®, Matrak®, Ratak®, Castrix D®, Neosorexa®, Vorex®, 3-(3-Biphenyl-4-yl-1,2,3,4-tetrahydro-1-naphthyl)-4-hydroxy coumarin, 3-[3-(1,1'-Biphenyl)-4-yl-1,2,3,4-tetrahydro-1-naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one

**CAS:** 56073-07-5 **LD<sub>50</sub>:** 2mg/kg  
**MW:** 444.54 **MF:** C<sub>31</sub>H<sub>24</sub>O<sub>3</sub>


**PS-2144 Cyprodinil**

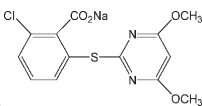
Vanguard®, Chorus®, 4-Cyclopropyl-6-methyl-N-phenyl pyrimidin-2-amine

**CAS:** 121552-61-2 **LD<sub>50</sub>:** 2,000mg/kg  
**MW:** 225.3 **MF:** C<sub>14</sub>H<sub>15</sub>N<sub>3</sub>


**PS-2145 Pyriithiobac-Sodium**

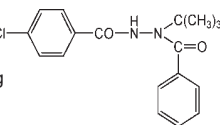
Staple®, Sodium 2-Chloro-6-(4,6-dimethoxy-pyrimidin-2-ylthio)benzoate

**CAS:** 123343-16-8 **LD<sub>50</sub>:** 3,300mg/kg  
**MW:** 225.3 **MF:** C<sub>13</sub>H<sub>10</sub>ClN<sub>2</sub>NaO<sub>4</sub>


**PS-2146 Halofenozide**

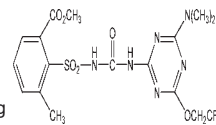
Mach 2, N-tert-butyl-N'-(4-Chloro benzoyl)benzohydrazide

**CAS:** 112226-61-6 **LD<sub>50</sub>:** 2,850mg/kg  
**MW:** 330.8 **MF:** C<sub>18</sub>H<sub>19</sub>ClN<sub>2</sub>O<sub>2</sub>


**PS-2147 Triflurosulfuron-methyl**

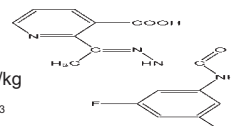
Upbeet®, 2-[4-Dimethylamino-6-(2,2,2-trifluoroethoxy)-1,3,5-triazin-2-ylcarbamoysulfamoyl]-m-toluic acid methyl ester

**CAS:** 126535-15-7 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 492.4 **MF:** C<sub>17</sub>H<sub>19</sub>F<sub>3</sub>N<sub>3</sub>O<sub>6</sub>S


**PS-2148 Diflufenzopyr**

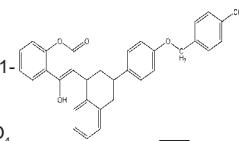
2-[1-[4-(3,5-difluorophenyl)semi carbazono]ethyl]nicotinic acid

**CAS:** 109293-97-2 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 334.3 **MF:** C<sub>15</sub>H<sub>12</sub>F<sub>2</sub>N<sub>4</sub>O<sub>3</sub>


**PS-2149 Flocoumafen**

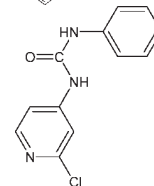
Storm®, Stratagem®, 4-Hydroxy-3-[1,2,3,4-tetrahydro-3-[4-(4-trifluoromethylbenzyl-oxy)phenyl]-1-naphthyl] coumarin

**CAS:** 90035-08-8 **LD<sub>50</sub>:** 1mg/kg  
**MW:** 542.6 **MF:** C<sub>33</sub>H<sub>25</sub>F<sub>3</sub>O<sub>4</sub>


**PS-2150 Forchlorfenuron**

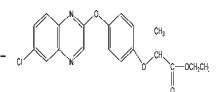
1-(2-Chloro-4-pyridyl)-3-phenylurea

**CAS:** 68157-60-8 **LD<sub>50</sub>:** 4,918mg/kg  
**MW:** 247.7 **MF:** C<sub>12</sub>H<sub>10</sub>ClN<sub>3</sub>O


**PS-2151 Quizalofop-P-ethyl**

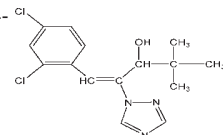
Assure II®, Matador®, Herban®, Mostar®, Co-Pilot®, Pilot Super®, Targa Super®, Tarzazan®, Ethyl (R)-2-[4-(6-chloroquinoxalin-2-yloxy)phenoxy]propionate

**CAS:** 100646-51-3 **LD<sub>50</sub>:** 1,210mg/kg  
**MW:** 372.83 **MF:** C<sub>19</sub>H<sub>17</sub>ClN<sub>2</sub>O<sub>4</sub>


**PS-2152 Diniconazole**

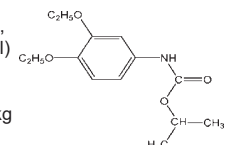
(E)-(RS)-1-(2,4-Dichlorophenyl-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pent-1-en-3-ol), Spotless®, Sumi-8®, Embassador®

**CAS:** 83657-24-3 **LD<sub>50</sub>:** 639mg/kg  
**MW:** 326.25 **MF:** C<sub>15</sub>H<sub>17</sub>Cl<sub>2</sub>N<sub>3</sub>O


**PS-2153 Diethofencarb**

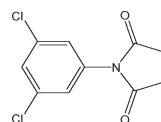
Isopropyl-3,4-diethoxycarbanilate, 1-Methylethyl (3,4-diethoxyphenyl) carbamate/Isopropyl 3,4-diethoxy phenylcarbamate, Powmyl®

**CAS:** 87130-20-9 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 267.36 **MF:** C<sub>14</sub>H<sub>21</sub>NO<sub>4</sub>


**PS-2154 Dimethachlon**

N-(3,5-Dichlorophenyl)succinimide, Ohric®, DSI®, 1-(3,5-Dichlorophenyl)-2,5-pyrrolidinedione, Dimetachlone

**CAS:** 24096-53-5 **LD<sub>50</sub>:** 890mg/kg  
**MW:** 244.08 **MF:** C<sub>10</sub>H<sub>7</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>

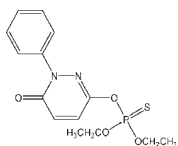


**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

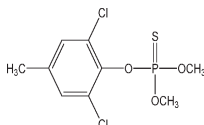
**PS-2155 Pyridaphenthion**

O-(1,6-Dihydro-6-oxo-1-phenyl pyridazin-3-yl) O,O-diethyl phosphorothioate, Ofunack®, Oreste®  
**CAS:** 119-12-0 **LD<sub>50</sub>:** 769mg/kg  
**MW:** 340.36 **MF:** C<sub>14</sub>H<sub>17</sub>N<sub>2</sub>O<sub>4</sub>PS



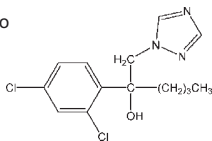
**PS-2156 Tolclofos-Methyl**

O-2,6-Dichloro-p-tolyl O,O-dimethyl phosphorothioate, Risolex®, FortuneT2®, Basilex®  
**CAS:** 57018-04-9 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 301.13 **MF:** C<sub>9</sub>H<sub>11</sub>Cl<sub>2</sub>O<sub>3</sub>PS



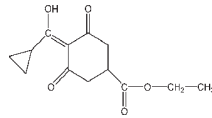
**PS-2157 Hexaconazole**

Hexaconazole, (RS)-2-(2,4-Dichloro phenyl)-1-(1H-1,2,4-triazol-1-yl) hexan-2-ol, Anvil®, Planete Aster®, Bullet®, Amizol®, Canvil®  
**CAS:** 79983-71-4 **LD<sub>50</sub>:** 2,189mg/kg  
**MW:** 314.2 **MF:** C<sub>14</sub>H<sub>17</sub>Cl<sub>2</sub>N<sub>3</sub>O



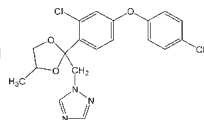
**PS-2158 Trinexapac-ethyl**

Ethyl 4-cyclopropyl(hydroxy) methylene-3,5-dioxocyclohexane carboxylate  
**CAS:** 95266-40-3 **LD<sub>50</sub>:** 4,460mg/kg  
**MW:** 252.3 **MF:** C<sub>13</sub>H<sub>16</sub>O<sub>5</sub>



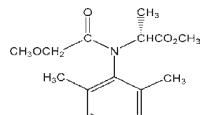
**PS-2159 Difenoconazole**

**CAS:** 119446-68-3 **LD<sub>50</sub>:** 1,453mg/kg  
**MW:** 406.3 **MF:** C<sub>19</sub>H<sub>17</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>3</sub>



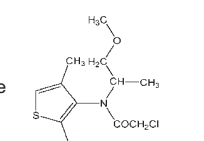
**PS-2160 Mefenoxam**

Metalaxyl-M, R-Metalaxyl, Methyl N-(methoxyacetyl)-N-(2,6-xylyl)-D-alaninate  
**CAS:** 70630-17-0 **LD<sub>50</sub>:** 667mg/kg  
**MW:** 279.3 **MF:** C<sub>15</sub>H<sub>21</sub>N<sub>2</sub>O<sub>4</sub>



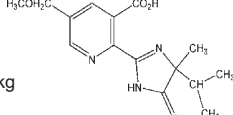
**PS-2161 Dimethenamid**

Frontier®, (RS)-2-Chloro-N-(2,4-dimethyl-3-thienyl)-N-(2-methoxy-1-methylethyl)acetamide  
**CAS:** 87674-68-8 **LD<sub>50</sub>:** 1,570mg/kg  
**MW:** 275.8 **MF:** C<sub>12</sub>H<sub>18</sub>ClNO<sub>2</sub>S



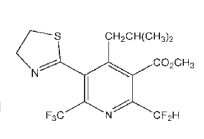
**PS-2162 Imazamox**

Raptor®, (RS)-2-(4-Isopropyl-4-methyl-5-oxo-2-imidazol-2-yl)-5-methoxy-methylnicotinic acid  
**CAS:** 114311-32-9 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 305.3 **MF:** C<sub>15</sub>H<sub>19</sub>N<sub>3</sub>O<sub>4</sub>



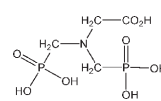
**PS-2163 Thiazopyr**

Thiazopyr, Visor®, Methyl 2-difluoro methyl-5-(4,5-dihydro-1,3-thiazol-2-yl)-4-isobutyl-6-trifluoromethyl nicotinate  
**CAS:** 117718-60-2 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 396.41 **MF:** C<sub>16</sub>H<sub>17</sub>F<sub>5</sub>N<sub>2</sub>O<sub>2</sub>S



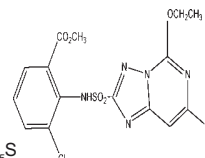
**PS-2164 Glyphosine**

Polaris®, N,N-Bis(phosphonomethyl) glycine, N-Carboxymethyl-N,N-bis (methylenephosphonic acid)-amine  
**CAS:** 2439-99-8 **LD<sub>50</sub>:** 3,925mg/kg  
**MW:** 263.08 **MF:** C<sub>4</sub>H<sub>11</sub>NO<sub>8</sub>P<sub>2</sub>



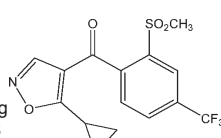
**PS-2165 Cloransulam-methyl**

FirstRate®, Methyl 3-chloro-2-(5-ethoxy-7-fluoro[1,2,4]triazolo [1,5-c]-pyrimidin-2-ylsulfonamido) benzoate  
**CAS:** 147150-35-4 **LD<sub>50</sub>:**  
**MW:** 429.8 **MF:** C<sub>15</sub>H<sub>13</sub>ClFN<sub>5</sub>O<sub>5</sub>S



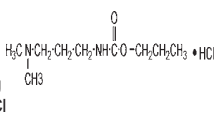
**PS-2166 Isoxaflutole**

Balance®, 5-Cyclopropyl-1,2-oxazol-4-yl a,a,a-trifluoro-2-mesyl-p-tolyl ketone  
**CAS:** 141112-29-0 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 359.3 **MF:** C<sub>15</sub>H<sub>12</sub>F<sub>3</sub>NO<sub>4</sub>S



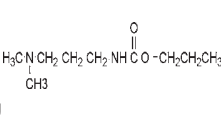
**PS-2167 Propamocarb HCl**

Propamocarb Hydrochloride, Prevx®, Previcur-N®, Banol turf fungicide®, Filex®  
**CAS:** 25606-41-1 **LD<sub>50</sub>:** 2,000mg/kg  
**MW:** 224.77 **MF:** C<sub>9</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>.HCl



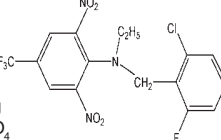
**PS-2167-1 Propamocarb**

Propyl (3-(dimethylamino)propyl) carbamate, Carbamic acid, (3-(dimethylamino)propyl)-, propyl ester  
**CAS:** 24579-73-5 **LD<sub>50</sub>:** 2,000mg/kg  
**MW:** 188.31 **MF:** C<sub>9</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>



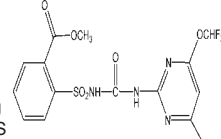
**PS-2168 Flumetralin**

Premier® Herbicide, Prime®, N-(2-Chloro-6-fluorobenzyl)-N-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine  
**CAS:** 62924-70-3 **LD<sub>50</sub>:** 3,100mg/kg  
**MW:** 421.74 **MF:** C<sub>16</sub>H<sub>12</sub>ClF<sub>4</sub>N<sub>3</sub>O<sub>4</sub>



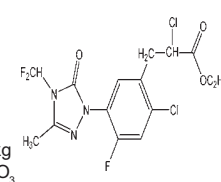
**PS-2169 Primisulfuron-methyl**

Beacon®, Primisulfuron, Rifle®, 2-[4,6-bis(Difluoromethoxy) pyrimidin-2-ylcarbamoylsulfamoyl] benzoic acid methyl ester  
**CAS:** 86209-51-0 **LD<sub>50</sub>:** 5,050mg/kg  
**MW:** 468.37 **MF:** C<sub>15</sub>H<sub>12</sub>F<sub>4</sub>N<sub>4</sub>O<sub>7</sub>S



**PS-2170 Carfentrazone-ethyl**

Aim®, Shark®, Ethyl (RS)-2-chloro-3-[2-chloro-5-(4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)-4-fluorophenyl]propionate  
**CAS:** 128639-02-1 **LD<sub>50</sub>:** 5,143mg/kg  
**MW:** 412.2 **MF:** C<sub>15</sub>H<sub>14</sub>Cl<sub>2</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>

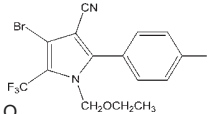


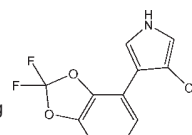
Numerical Listing

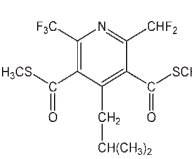
For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

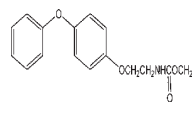
## Chem Service Pesticide Standards - Numerical Listing

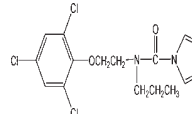
Numerical Listing

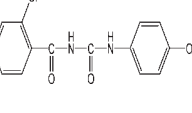
**PS-2171 Chlorfenapyr**  
 4-Bromo-2-(4-chlorophenyl)-1-ethoxymethyl-5-trifluoromethyl pyrrole-3-carbonitrile  
  
**CAS:** 122453-73-0 **LD<sub>50</sub>:** 441mg/kg  
**MW:** 407.6 **MF:** C<sub>15</sub>H<sub>11</sub>BrClF<sub>3</sub>N<sub>2</sub>O

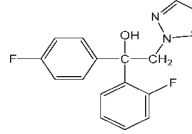
**PS-2172 Fludioxonil**  
 Celest<sup>®</sup>, Maxim<sup>®</sup>, Medallion<sup>®</sup>, Sapphire<sup>®</sup>, 4-(2,2-Difluoro-1,3-benzodioxol-4-yl)-1H-pyrrole-3-carbonitrile, Celest Special<sup>®</sup>  
  
**CAS:** 131341-86-1 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 248.2 **MF:** C<sub>12</sub>H<sub>8</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>

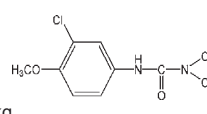
**PS-2173 Dithiopyr**  
 Dimension<sup>®</sup>, Stakeout<sup>®</sup>, Dictran<sup>®</sup>, Scoop<sup>®</sup>, Lyton<sup>®</sup>, Lazo<sup>®</sup>, Kalcorn<sup>®</sup>, S,S'-Dimethyl 2-difluoromethyl-4-isobutyl-6-trifluoromethylpyridine-3,5-dicarbothioate  
  
**CAS:** 97886-45-8 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 401.44 **MF:** C<sub>15</sub>H<sub>16</sub>F<sub>5</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>

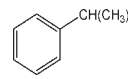
**PS-2174 Fenoxycarb**  
 Insegar<sup>®</sup>, Logic<sup>®</sup>, Pictyl<sup>®</sup>, Varikill<sup>®</sup>, Torus<sup>®</sup>, Precision<sup>®</sup>, Ethyl (2-(4-phenoxyphenoxy)ethyl)carbamate, (2-(4-Phenoxyphenoxy)ethyl)carbamic acid ethyl ester, Comply<sup>®</sup>  
  
**CAS:** 79127-80-3 **LD<sub>50</sub>:** 16,800mg/kg  
**MW:** 301.37 **MF:** C<sub>17</sub>H<sub>19</sub>NO<sub>4</sub>


**PS-2175 Prochloraz**  
 Ascurit<sup>®</sup>, Dibavit<sup>®</sup>, Octave<sup>®</sup>, Omega<sup>®</sup>, Prelude<sup>®</sup>, Rival<sup>®</sup>, Sporgon<sup>®</sup>, Sportak<sup>®</sup>, Sprint<sup>®</sup>, 1-(N-Propyl-N-(2-(2,4,6-trichlorophenoxy)ethyl)carbamoyl)imidazole  
  
**CAS:** 67747-09-5 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 376.69 **MF:** C<sub>15</sub>H<sub>16</sub>Cl<sub>3</sub>N<sub>3</sub>O<sub>2</sub>

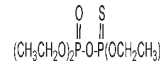
**PS-2176 Triflumuron**  
 Alysytine<sup>®</sup>, Starycide<sup>®</sup>, Bolstar<sup>®</sup>, Baycidal<sup>®</sup>, Mascot<sup>®</sup>, Trifluron, 2-Chloro-N-((4-(trifluoromethoxy)phenyl)amino)carbonylbenzamide  
  
**CAS:** 64628-44-0 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 358.72 **MF:** C<sub>15</sub>H<sub>10</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>3</sub>

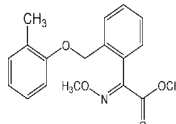
**PS-2177 Flutriafol**  
 Armour<sup>®</sup>, Impact<sup>®</sup>, Vaspact<sup>®</sup>, Alpha-(2-Fluorophenyl)-alpha-(4-fluorophenyl)-1H-1,2,4-triazole-1-ethanol  
  
**CAS:** 76674-21-0 **LD<sub>50</sub>:** 1,140mg/kg  
**MW:** 301.32 **MF:** C<sub>16</sub>H<sub>13</sub>F<sub>2</sub>N<sub>3</sub>O

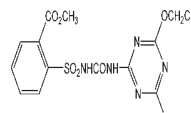
**PS-2178 Metoxuron**  
 Deflor<sup>®</sup>, Dosaflor<sup>®</sup>, Dosagran<sup>®</sup>, Dosanex<sup>®</sup>, Invest<sup>®</sup>, Purivel<sup>®</sup>, Sulerex<sup>®</sup>, N-(3-Chloro-4-methoxyphenyl)-N',N'-dimethylurea  
  
**CAS:** 19937-59-8 **LD<sub>50</sub>:** 3,200mg/kg  
**MW:** 228.70 **MF:** C<sub>10</sub>H<sub>13</sub>ClN<sub>2</sub>O<sub>2</sub>

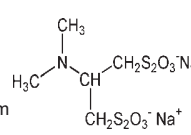
**PS-2179 Isopropylbenzene**  
 Cumol<sup>®</sup>, Cumene<sup>®</sup>, (1-Methylethyl)benzene, 2-Phenyl propane, Isopropylbenzene,  
  
**CAS:** 28159-98-0 **LD<sub>50</sub>:** N/A  
**MW:** 120.21 **MF:** C<sub>9</sub>H<sub>12</sub>

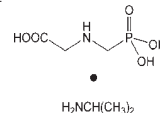
**PS-2180 2-Imidazolidinethione**  
 N,N'-Ethylenethiourea, Rodanin S-62<sup>®</sup>  
  
**CAS:** 96-45-7 **LD<sub>50</sub>:** 545mg/kg  
**MW:** 102.17 **MF:** C<sub>3</sub>H<sub>6</sub>N<sub>2</sub>S

**PS-2181 Monothiono TEPP**  
 Tetraethyl monothiopyrophosphate, Fosarbin, MTST, Phosarbin, Pirofos, Pyrophos, Tetraethyl ester thiodiphosphoric acid  
  
**CAS:** 645-78-3 **LD<sub>50</sub>:** 1mg/kg  
**MW:** 306.28 **MF:** C<sub>8</sub>H<sub>20</sub>O<sub>6</sub>P<sub>2</sub>S

**PS-2182 Kresoxim-methyl**  
 Strobry<sup>®</sup>, Alliage<sup>®</sup>, Candit<sup>®</sup>, Cyngus<sup>®</sup>, Discus<sup>®</sup>, Sovran<sup>®</sup>, Methyl(E)-2-methoxyimino-[2-(o-tolylloxymethyl)phenyl]acetate  
  
**CAS:** 143390-89-0 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 313.4 **MF:** C<sub>18</sub>H<sub>19</sub>NO<sub>4</sub>

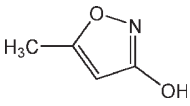
**PS-2183 Ethametsulfuron-methyl**  
 Muster<sup>®</sup>, Methyl 2-((4-ethoxy-6-methylamino-1,3,5-triazin-2-yl)carbamoylsulfamoyl)benzoate  
  
**CAS:** 97780-06-8 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 410.4 **MF:** C<sub>15</sub>H<sub>18</sub>N<sub>6</sub>O<sub>6</sub>S

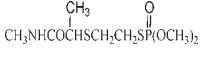
**PS-2184 Dimehypo**  
 Hope<sup>®</sup>, Vinetox<sup>®</sup>, Sha chong shuang, Disodium S,S'-(2-dimethylamino-1,3-propanediyl) bis(thiosulfate), Thiosulfuric acid S,S'-[2-(dimethylamino)-1,3-propanediyl]ester, Thiosultap-sodium  
  
**CAS:** 52207-48-4 **LD<sub>50</sub>:** 1,021mg/kg  
**MW:** 355.39 **MF:** C<sub>5</sub>H<sub>11</sub>NO<sub>6</sub>S<sub>4</sub>Na

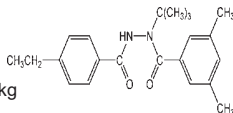
**PS-2185 Glyphosate-isopropylammonium**  
 Glyphosate-isopropylammonium Salt, Glycel<sup>®</sup>, Glyphosate isopropylamine salt, Nitosorg<sup>®</sup>, Rattler<sup>®</sup>, Roundup<sup>®</sup>  
  
**CAS:** 38641-94-0 **LD<sub>50</sub>:** 10,537mg/kg  
**MW:** 228.22 **MF:** C<sub>3</sub>H<sub>9</sub>N.C<sub>3</sub>H<sub>8</sub>NO<sub>5</sub>P

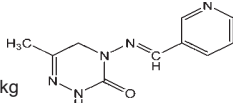
**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

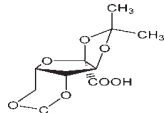
## Chem Service Pesticide Standards - Numerical Listing

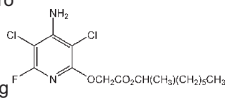
**PS-2186 Hymexazole**  
 Bucid<sup>®</sup>, Butsid<sup>®</sup>, Hydroxyisoxazole, 3-Hydroxy-5-methylisoxazole, Itachigarden<sup>®</sup>, Tachigaren<sup>®</sup>, Hyzole, 5-methyl-1,2-oxazol-3-ol, 5-methyl-3(2H)-isoxazolone  
  
**CAS:** 10004-44-1 **LD<sub>50</sub>:** 4,678mg/kg  
**MW:** 99.10 **MF:** C<sub>4</sub>H<sub>5</sub>NO<sub>2</sub>

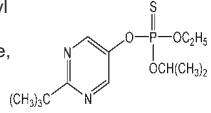
**PS-2187 Vamidothion**  
 O,O-Dimethyl S-2-(1-N-methyl carbamoylthio)mercapto)ethyl thiophosphate, Kilval<sup>®</sup>, N-Methyl O,O-dimethylthio phosphoryl-5-thia-3-methyl-2-valeramide, Trucidor<sup>®</sup>, Vamidoate<sup>®</sup>  
  
**CAS:** 2275-23-2 **LD<sub>50</sub>:** 64mg/kg  
**MW:** 287.36 **MF:** C<sub>8</sub>H<sub>18</sub>NO<sub>4</sub>PS<sub>2</sub>

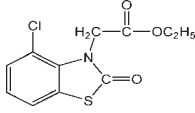
**PS-2188 Tebufenozide**  
 Confirm<sup>®</sup>, Mimic<sup>®</sup>, N-tert-Butyl-N'-(4-ethylbenzoyl)-3,5-dimethyl benzohydrazide  
  
**CAS:** 112410-23-8 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 352.5 **MF:** C<sub>22</sub>H<sub>28</sub>N<sub>2</sub>O<sub>2</sub>

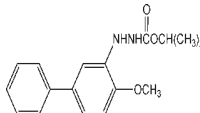
**PS-2189 Pymetrozine**  
 (E)-4,5-Dihydro-6-methyl-4-(3-pyridylmethyleneamino)-1,2,4-triazin-3(2H)-one  
  
**CAS:** 123312-89-0 **LD<sub>50</sub>:** 5,820mg/kg  
**MW:** 217.2 **MF:** C<sub>10</sub>H<sub>11</sub>N<sub>5</sub>O

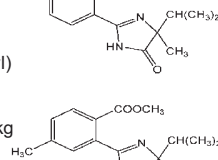
**PS-2190 Dikegulac acid**  
 2,3:4,6-di-O-Isopropylidene-α-L-xylo-2-hexulofuranosonic acid  
  
**CAS:** 18467-77-1 **LD<sub>50</sub>:** N/A  
**MW:** 274.3 **MF:** C<sub>12</sub>H<sub>18</sub>O<sub>7</sub>

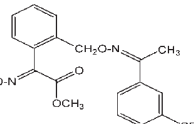
**PS-2191 Fluroxypyr-meptyl**  
 Vista<sup>®</sup>, Dowco 433<sup>®</sup>, Starane 250<sup>®</sup>, Hurler<sup>®</sup>, Fluroxypyr-1-methyl heptyl ester, ((4-Amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy)acetic acid, 1-methylheptyl ester acetic acid  
  
**CAS:** 81406-37-3 **LD<sub>50</sub>:** 3,738mg/kg  
**MW:** 367.28 **MF:** C<sub>15</sub>H<sub>21</sub>Cl<sub>2</sub>FN<sub>2</sub>O<sub>3</sub>

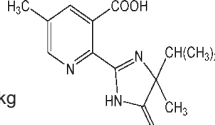
**PS-2192 Tebupirimfos**  
 BAY-MAT 7484<sup>®</sup>, O-(2-(1,1-Dimethyl ethyl)-5-pyrimidinyl) O-ethyl O-(1-methylethyl) phosphorothioate, Phostebupirim  
  
**CAS:** 96182-53-5 **LD<sub>50</sub>:** 3mg/kg  
**MW:** 318.41 **MF:** C<sub>13</sub>H<sub>23</sub>N<sub>2</sub>O<sub>3</sub>PS

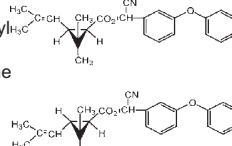
**PS-2193 Benazolin-ethyl**  
 Galtak<sup>®</sup>, Benazolin ethyl ester, 3-Benzothiazolineacetic acid, 4-chloro-2-oxo-, ethyl ester, Ethyl 4-chloro-2-oxo-3(2H)-benzothiazoleacetate  
  
**CAS:** 25059-80-7 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 271.73 **MF:** C<sub>11</sub>H<sub>10</sub>ClNO<sub>3</sub>S

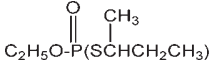
**PS-2194 Bifenazate**  
 Floramite<sup>®</sup>, Isopropyl 2-(4-methoxy biphenyl-3-yl)hydrazinoformate, 1-Methylethyl 2-(4-methoxy [1,1'-biphenyl]-3-yl)hydrazine carboxylate  
  
**CAS:** 149877-41-8 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 300.36 **MF:** C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>

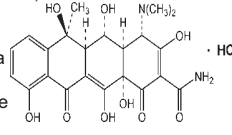
**PS-2195 Imazamethabenz-methyl**  
 Assert<sup>®</sup>, Dagger<sup>®</sup>, Methyl-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-4(or 5)-methyl ester benzoic acid  
  
**CAS:** 81405-85-8 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 288.38 **MF:** C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>

**PS-2196 Trifloxystrobin**  
 Flint<sup>®</sup>  
  
**CAS:** 141517-21-7 **LD<sub>50</sub>:** 4,000mg/kg  
**MW:** 408.4 **MF:** C<sub>20</sub>H<sub>19</sub>F<sub>3</sub>N<sub>2</sub>O<sub>4</sub>H<sub>3</sub>CO-N

**PS-2197 Imazapic**  
 AC 263, 222<sup>®</sup>, Cadre<sup>®</sup>, Imazameth, Plateau<sup>®</sup>, (RS)-2-(4,5-Dihydro-4-isopropyl-4-methyl-5-oxoimidazol-2-yl)-5-methylnicotinic acid  
  
**CAS:** 104098-48-8 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 275.3 **MF:** C<sub>14</sub>H<sub>17</sub>N<sub>3</sub>O<sub>3</sub>

**PS-2198 d-trans-Cyphenothrin**  
 Gokilaht<sup>®</sup>, 2,2-Dimethyl-3-(2-methyl-1-propenyl)-cyano(3-phenoxy phenyl) methyl ester cyclopropane carboxylic acid  
  
**CAS:** 39515-40-7 **LD<sub>50</sub>:** 318mg/kg  
**MW:** 375.50 **MF:** C<sub>24</sub>H<sub>28</sub>NO<sub>3</sub>

**PS-2199 Cadusafos**  
 Apache<sup>®</sup>, Codusafos, Ebufos, Rugby<sup>®</sup>, Taredan<sup>®</sup>, O-Ethyl-S,S-bis(1-methylpropyl)phosphoro dithioate, O-Ethyl-S,S-di-sec-butyl phosphorodithioate  
  
**CAS:** 95465-99-9 **LD<sub>50</sub>:** 37mg/kg  
**MW:** 270.42 **MF:** C<sub>10</sub>H<sub>20</sub>O<sub>2</sub>PS<sub>2</sub>

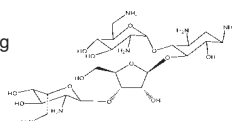
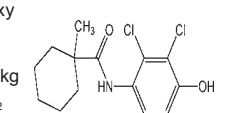
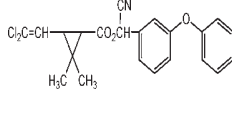
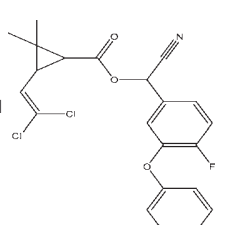
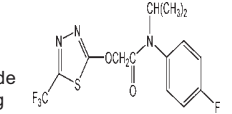
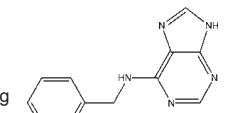
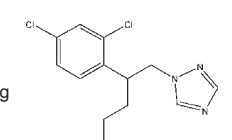
**PS-2200 Oxytetracycline hydrochloride**  
 Aquacycline<sup>®</sup>, Biosolvomycin<sup>®</sup>, Engemycin<sup>®</sup>, Hydrocycin<sup>®</sup>, 5-Hydroxytetracycline hydrochloride<sup>®</sup>, Liguamycin injectable<sup>®</sup>, Mepatar<sup>®</sup>, Otetryn<sup>®</sup>, Oxlopar<sup>®</sup>, Oxyject 100<sup>®</sup>, Oxytetrin<sup>®</sup>, Terramycin hydrochloride<sup>®</sup>, Tetranhydrochloride<sup>®</sup>, 4-(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxo-2-Naphthacene-carboxamide monohydrochloride  
  
**CAS:** 2058-46-0 **LD<sub>50</sub>:** 6,696mg/kg  
**MW:** 496.94 **MF:** C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>9</sub>·HCl

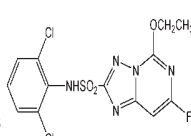
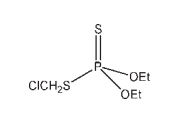
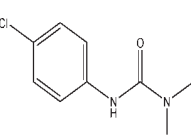
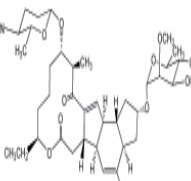
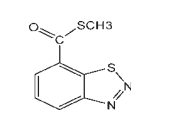
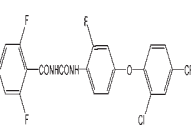
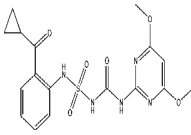
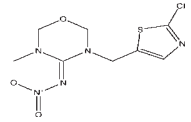
Numerical Listing

For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)



## Chem Service Pesticide Standards - Numerical Listing

- PS-2201 Neomycin sulfate salt**  
 CAS: 1405-10-3 LD<sub>50</sub>: 8,000mg/kg  
 MW: MF:
- 
- PS-2202 Fenhexamid**  
 Elevate®, N-(2,3-dichloro-4-hydroxyphenyl)-1-methyl-cyclohexane carboxamide  
 CAS: 126833-17-8 LD<sub>50</sub>: 2,000mg/kg  
 MW: 302.2 MF: C<sub>14</sub>H<sub>17</sub>Cl<sub>2</sub>NO<sub>2</sub>
- 
- PS-2203 beta-Cypermethrin**  
 Agrothrin®, Ambush C®, Ammo®, Antiborer 3767®, Ardap®, Barricade®, Basathrin®, Betamethrate®, Chinmix®, Cymbush®, Cyperkill®, (1R, alpha-S)-cis-Cypermethrin, Cypermetryna®, Fendona®, Flectron®, Hilcyperin®, Kordon®, Ectopor®, Cypor®, Nurele®, Polytrin®, Ripcord®, Sherpa®, Supercypermethrin®, (+)-alpha-Cyano-3-phenoxybenzyl 2,2-dimethyl-3-(2,2-dichlorovinyl) cyclopropane carboxylate  
 CAS: N/A LD<sub>50</sub>: 178mg/kg  
 MW: 416.32 MF: C<sub>22</sub>H<sub>19</sub>Cl<sub>2</sub>NO<sub>3</sub>
- 
- PS-2204 beta-Cyfluthrin**  
 Beta-Baythroid®, Cyclopropane carboxylic acid, 3-(2,2-dichloro ethenyl)-2,2-dimethyl-, cyano (4-fluoro-3-phenoxyphenyl)methyl ester, (RS)-alpha-cyano-4-fluoro-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)2,2-dimethylcyclopropanecarboxylate  
 CAS: 68359-37-5 LD<sub>50</sub>: 84mg/kg  
 MW: 434.31 MF: C<sub>22</sub>H<sub>18</sub>Cl<sub>2</sub>FNO<sub>3</sub>
- 
- PS-2205 Flufenacet**  
 Fluthiamide, BAY FOE 5043®, N-(4-Fluorophenyl)-N-(1-methyl ethyl)-2-((5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl)oxyl)acetamide  
 CAS: 142459-58-3 LD<sub>50</sub>: 589mg/kg  
 MW: 363.36 MF: C<sub>14</sub>H<sub>13</sub>F<sub>4</sub>N<sub>3</sub>O<sub>2</sub>S
- 
- PS-2206 6-Benzylaminopurine**  
 BAP, Paturyl®, N-Benzyladenine, 6-Benzyladenine, N(sup 6)-Benzyladenine  
 CAS: 1214-39-7 LD<sub>50</sub>: 2,125mg/kg  
 MW: 225.28 MF: C<sub>12</sub>H<sub>11</sub>N<sub>5</sub>
- 
- PS-2207 Penconazole**  
 Ofir®, Onmex®, Pine gel, Regal gel, Topaz®, 1-(2-(2,4-Dichlorophenyl)pentyl)-1H-1,2,4-triazole  
 CAS: 66246-88-6 LD<sub>50</sub>: 2,125mg/kg  
 MW: 284.21 MF: C<sub>13</sub>H<sub>15</sub>Cl<sub>2</sub>N<sub>3</sub>
- 

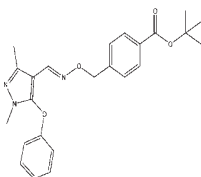
- PS-2208 Diclosulam**  
 Strongarm®, N-(2,6-Dichlorophenyl)-5-ethoxy-7-fluoro-[1,2,4]-triazolo-[1,5-c]pyrimidine-2-sulfonamide  
 CAS: 145701-21-9 LD<sub>50</sub>: 5,000mg/kg  
 MW: 406.2 MF: C<sub>13</sub>H<sub>10</sub>Cl<sub>2</sub>FN<sub>5</sub>O<sub>3</sub>S
- 
- PS-2209 Chlormephos**  
 Dotan®, Sherman®, S-(Chloromethyl) O,O-diethyl ester phosphorodithioic acid, S-(Chloromethyl) O,O-diethylphos phorodithioate, S-Chloromethyl-O,O-diethylphos phorothiothionate  
 CAS: 24934-91-6 LD<sub>50</sub>: 7mg/kg  
 MW: 234.71 MF: C<sub>5</sub>H<sub>12</sub>ClO<sub>2</sub>PS<sub>2</sub>
- 
- PS-2210 Monolinuron**  
 Aresin®, Arezine®, Premalin®, 3-(4-Chlorophenyl)-1-methoxy-1-methylharnstoff, 3-(4-Chlorophenyl)-1-methoxy-1-methylurea  
 CAS: 1746-81-2 LD<sub>50</sub>: 1,800mg/kg  
 MW: 214.67 MF: C<sub>9</sub>H<sub>11</sub>ClN<sub>2</sub>O<sub>2</sub>
- 
- PS-2211 Spinosad**  
 SpinTor Naturalyte®, Success Naturalyte®, Tracer Naturalyte®, Spinosyn A, 131929-60-7; Spinosyn D, 131929-63-0  
 LD<sub>50</sub>: 2,000mg/kg  
 MW: 731.98:746 MF: C<sub>41</sub>H<sub>66</sub>NO<sub>10</sub>; C<sub>42</sub>H<sub>67</sub>NO<sub>10</sub>
- 
- PS-2212 Acibenzolar-S-methyl**  
 Benzo(1,2,3)thiadiazole-7-carbothioic acid-S-methyl ester  
 CAS: 135158-54-2 LD<sub>50</sub>: 2,000mg/kg  
 MW: 210.3 MF: C<sub>8</sub>H<sub>6</sub>N<sub>2</sub>OS<sub>2</sub>
- 
- PS-2213 Flufenoxuron**  
 Cascade®, N-((4-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-fluorophenyl)carbamoyl)-2,6-difluorobenzamide  
 CAS: 101463-69-8 LD<sub>50</sub>: 3,000mg/kg  
 MW: 488.79 MF: C<sub>21</sub>H<sub>11</sub>ClF<sub>6</sub>N<sub>2</sub>O<sub>3</sub>
- 
- PS-2214 Cyclosulfamuron**  
 1-[2-(Cyclopropylcarbonyl)phenyl sulfamoyl]-3-(4,6-dimethoxy pyrimidin-2-yl)urea  
 CAS: 136849-15-5 LD<sub>50</sub>: 5,000mg/kg  
 MW: 421.4 MF: C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub>S
- 
- PS-2215 Thiamethoxam**  
 Actara®, 3-(2-Chloro-1,3-thiazol-5-ylmethyl)-5-methyl-1,3,5-oxadiazinan-4-ylidene(nitro)amine  
 CAS: 153719-23-4 LD<sub>50</sub>: 5,000mg/kg  
 MW: 291.7 MF: C<sub>8</sub>H<sub>10</sub>ClN<sub>4</sub>O<sub>3</sub>S
- 

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

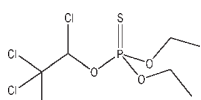
**PS-2216 Fenpyroximate**

Acaban®, Acaritan®, Asalto®, Danitron®, Dynamite®, Kendo®, Kiron®, Meteor®, Miro®, Naja®, Ortus®, Sequel®, t-Butyl (E)-alpha-(1,3-dimethyl-5-phenoxy-pyrazol-4-ylmethyleneaminoxy)-p-toluolate  
**CAS:** 134098-61-6 **LD<sub>50</sub>:** 480mg/kg  
**MW:** 421.54 **MF:** C<sub>24</sub>H<sub>27</sub>N<sub>3</sub>O<sub>4</sub>



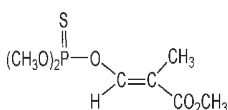
**PS-2217 Chlorethoxyfos**

Fortress®, O,O-Diethyl O-(1,2,2,2-tetrachloroethyl) phosphorothioate  
**CAS:** 54593-83-8 **LD<sub>50</sub>:** 4mg/kg  
**MW:** 336.00 **MF:** C<sub>6</sub>H<sub>11</sub>Cl<sub>4</sub>O<sub>3</sub>PS



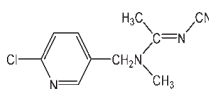
**PS-2218 Methacrifos**

Damfin®  
**CAS:** 30864-28-9 **LD<sub>50</sub>:** 678mg/kg  
**MW:** 240.23 **MF:** C<sub>7</sub>H<sub>13</sub>O<sub>5</sub>PS



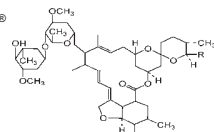
**PS-2219 Acetamiprid**

Mospilan®, Saniprid®, Acer®, Aspilan®, (E)-N-[(6-Chloro-3-pyridinyl)methyl]-N'-cyano-N-methylethanimidamide  
**CAS:** 135410-20-7 **LD<sub>50</sub>:** 217mg/kg  
**MW:** 222.7 **MF:** C<sub>10</sub>H<sub>11</sub>ClN<sub>4</sub>



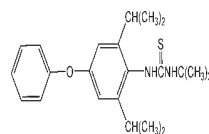
**PS-2220 Ivermectin**

Cardomec®, Eqvalan®, Hyvermectin®, Ivomec®, Mectizan®, Zimecterin®, 22,23-Dihydroavermectin B1, 22,23-Dihydroabamectin  
**CAS:** 70288-86-7 **LD<sub>50</sub>:** 10mg/kg  
**MW:** **MF:**



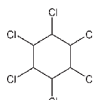
**PS-2221 Diafenthion**

Pegasus®, Polo®, N-(2,6-Bis(1-methylethyl)-4-phenoxyphenyl)-N'-(1,1-dimethylethyl)thiourea  
**CAS:** 80060-09-9 **LD<sub>50</sub>:** 2,068mg/kg  
**MW:** 384.63 **MF:** C<sub>23</sub>H<sub>32</sub>N<sub>2</sub>OS



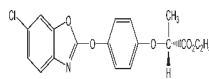
**PS-2222 BHC (epsilon isomer) (100ug/ml in Toluene)**  
*(ACS Standard Grade)*

1,2,3,4,5,6-Hexachlorocyclohexane (epsilon isomer), HCH (epsilon isomer), epsilon-BHC, epsilon-Hexachlorocyclohexane  
**CAS:** 6108-10-7 **LD<sub>50</sub>:** 88mg/kg  
**MW:** 290.82 **MF:** C<sub>6</sub>H<sub>6</sub>Cl<sub>6</sub>



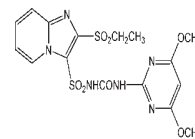
**PS-2223 Fenoxaprop-P-ethyl**

Acclaim®, Extra®, Puma®, Silverado®, Bugle®, Option®, Dakota®, Twister®, Ethyl(R)-2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate  
**CAS:** 71283-80-2 **LD<sub>50</sub>:** 3,150mg/kg  
**MW:** 361.8 **MF:** C<sub>18</sub>H<sub>16</sub>ClNO<sub>5</sub>



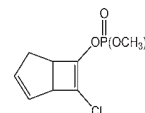
**PS-2224 Sulfosulfuron**

Sundance®, Monitor®, Outrider®, 1-(2-Ethylsulfonylimidazo[1,2a]pyridin-3-ylsulfonyl)-3-(4,6-dimethoxy-pyrimidin-2-yl)urea, Maverick®  
**CAS:** 141776-32-1 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 470.48 **MF:** C<sub>16</sub>H<sub>18</sub>N<sub>6</sub>O<sub>7</sub>S<sub>2</sub>



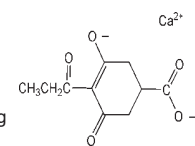
**PS-2225 Heptenophos**

Heptenofos, Hostaquick®, Hostavik®, Ragadan®, 7-Chlorobicyclo(3.2.0)hepta-2,6-dien-6-yl dimethyl phosphate  
**CAS:** 23560-59-0 **LD<sub>50</sub>:** 96mg/kg  
**MW:** 250.63 **MF:** C<sub>9</sub>H<sub>12</sub>ClO<sub>4</sub>P



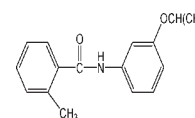
**PS-2226 Prohexadione-Calcium**

Viviful®, Apogee®, Baseline®, Calcium 3-oxido-5-oxo-4-propionyl cyclohex-3-enecarboxylate  
**CAS:** 127277-53-6 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 250.3 **MF:** C<sub>10</sub>H<sub>10</sub>CaO<sub>5</sub>



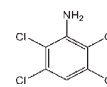
**PS-2227 Mepronil**

Basitac®, 3'-Isopropoxy-2-methylbenzanilide, 2-Methyl-N-(3-(1-methylethoxy)phenyl)benzamide  
**CAS:** 55814-41-0 **LD<sub>50</sub>:** 10,000mg/kg  
**MW:** 269.37 **MF:** C<sub>17</sub>H<sub>19</sub>NO<sub>2</sub>



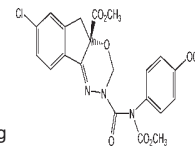
**PS-2228 2,3,5,6-Tetrachloroaniline**

**CAS:** 3481-20-7 **LD<sub>50</sub>:** N/A  
**MW:** 230.91 **MF:** C<sub>6</sub>H<sub>3</sub>Cl<sub>4</sub>N



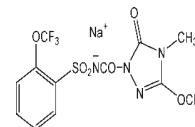
**PS-2230 Indoxacarb**

Methyl (S)-N-[7-chloro-2,3,4a,5-tetrahydro-4a-(methoxycarbonyl)indeno[1,2-e]-[1,3,4]oxadiazin-2-ylcarbonyl]-4'-(trifluoromethoxy)carbanilate  
**CAS:** 144171-61-9 **LD<sub>50</sub>:** 1,732mg/kg  
**MW:** 527.8 **MF:** C<sub>22</sub>H<sub>17</sub>ClF<sub>3</sub>N<sub>3</sub>O<sub>7</sub>



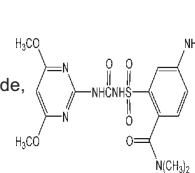
**PS-2231 Flucarbazone-sodium**

4,5-Dihydro-3-methoxy-4-methyl-5-oxo-N-(2-trifluoromethoxyphenylsulfonyl)-1H-1,2,4-triazole-1-carboxamide sodium salt  
**CAS:** 181274-17-9 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 418.3 **MF:** C<sub>12</sub>H<sub>10</sub>F<sub>3</sub>N<sub>4</sub>NaO<sub>5</sub>S



**PS-2232 Foramsulfuron**

2-[[[(4,6-Dimethoxy-2-pyrimidinyl)amino]carbonyl]amino]sulfonyl]-4-(formylamino)-N,N-dimethylbenzamide, 1-(4,6-Dimethoxy-pyrimidin-2-yl)-3-[2-(dimethylcarbonyl)-5-formamidophenylsulfonyl]urea  
**CAS:** 173159-57-4 **LD<sub>50</sub>:** N/A  
**MW:** 452.4 **MF:** C<sub>17</sub>H<sub>20</sub>N<sub>6</sub>O<sub>7</sub>S



Numerical Listing

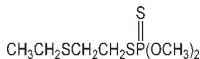
For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

## Chem Service Pesticide Standards - Numerical Listing

Numerical Listing

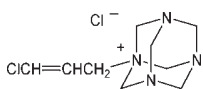
**PS-2233 Thiometon**

Dithiometon, Ebicid<sup>®</sup>, Ekatim<sup>®</sup>, Intrathion<sup>®</sup>, Luxistelm<sup>®</sup>, Thiotox<sup>®</sup>, Veltin<sup>®</sup>, S-(2-(Ethylthio)ethyl) O,O-dimethylphosphorodithionate, O,O-Dimethyl S-(2-ethylthio)ethyl ester phosphorodithioic acid  
**CAS:** 640-15-3 **LD<sub>50</sub>:** 40mg/kg  
**MW:** 246.36 **MF:** C<sub>6</sub>H<sub>15</sub>O<sub>2</sub>PS<sub>3</sub>



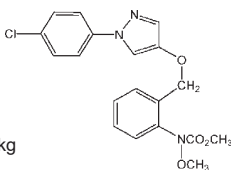
**PS-2234 1-cis-3-Chloroallyl-3,5,7-triazia-1-azonia-adamantane chloride**

Dowicil 150<sup>®</sup>  
**CAS:** 51229-78-8 **LD<sub>50</sub>:** N/A  
**MW:** N/A **MF:** N/A



**PS-2235 Pyraclostrobin**

Cabrio EG<sup>®</sup>, Methyl N-[2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl](N-methoxy) carbamate  
**CAS:** 175013-18-0 **LD<sub>50</sub>:** 2,000mg/kg  
**MW:** 387.83 **MF:** C<sub>19</sub>H<sub>18</sub>ClN<sub>3</sub>O<sub>4</sub>



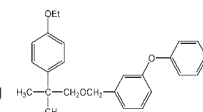
**PS-2236 Dalapon Sodium**

Dowpon S<sup>®</sup>, 2,2-Dichloropropionic acid, sodium salt, Sodium Dalapon  
**CAS:** 127-20-8 **LD<sub>50</sub>:** 3,860mg/kg  
**MW:** 164.95 **MF:** C<sub>3</sub>H<sub>3</sub>Cl<sub>2</sub>NaO<sub>2</sub>



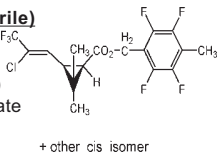
**PS-2237 Etofenprox**

Primo<sup>®</sup>, Trebon<sup>®</sup>, Ethofenprox<sup>®</sup>, 2-(4-Ethoxyphenyl)-2-methylpropyl 3-phenoxybenzyl ether  
**CAS:** 80844-07-1 **LD<sub>50</sub>:** 42,800mg/kg  
**MW:** 376.53 **MF:** C<sub>25</sub>H<sub>28</sub>O<sub>3</sub>



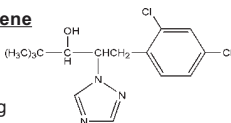
**PS-2238 Tefluthrin (100ug/ml in Acetonitrile)**

Force<sup>®</sup>, Komet<sup>®</sup>, 2,3,5,6-Tetrafluoro-4-methylbenzyl(Z)-(1RS,3RS)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate  
**CAS:** 79538-32-2 **LD<sub>50</sub>:** 22mg/kg  
**MW:** 418.76 **MF:** C<sub>17</sub>H<sub>14</sub>ClF<sub>7</sub>O<sub>2</sub>



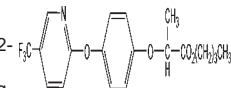
**PS-2239 Diclobutrazol 100ug/ml in Toluene**

Vigil<sup>®</sup>, (2RS,3RS)-1-(2,4-Dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-ol  
**CAS:** 75736-33-3 **LD<sub>50</sub>:** 4,000mg/kg  
**MW:** 328.27 **MF:** C<sub>18</sub>H<sub>19</sub>Cl<sub>2</sub>N<sub>3</sub>O



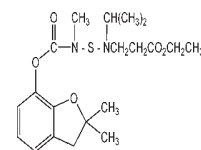
**PS-2240 Fluazifop-butyl**

Fusilade<sup>®</sup>, Hache Uno Super<sup>®</sup>, Halokon<sup>®</sup>, Onecide<sup>®</sup>, Butyl (RS)-2-[4-(5-trifluoromethyl-2-pyridyloxy)phenoxy]propionate  
**CAS:** 69806-50-4 **LD<sub>50</sub>:** 2,910mg/kg  
**MW:** 383.40 **MF:** C<sub>19</sub>H<sub>20</sub>F<sub>3</sub>NO<sub>4</sub>



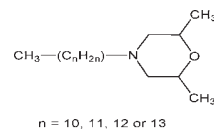
**PS-2241 Benfuracarb**

Furacon<sup>®</sup>, Oncol<sup>®</sup>, Ethyl N-[2,3-dihydro-2,2-dimethylbenzofuran-7-yloxy carbonyl(methyl)aminothio]-N-isopropyl-beta-alaninate  
**CAS:** 82560-54-1 **LD<sub>50</sub>:** 105mg/kg  
**MW:** 410.58 **MF:** C<sub>20</sub>H<sub>30</sub>N<sub>2</sub>O<sub>5</sub>S



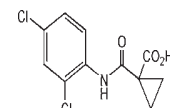
**PS-2242 Tridemorph**

Calixin<sup>®</sup>, Dimethyl-2,6 tridecyl-4 morpholine  
**CAS:** 81412-43-3 **LD<sub>50</sub>:** 650mg/kg  
**MW:** 297.59 app **MF:** C<sub>19</sub>H<sub>39</sub>NO



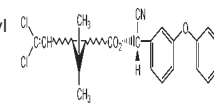
**PS-2243 Cyclanilide**

1-((2,4-Dichlorophenyl)amino) carbonyl-cyclopropanecarboxylic acid  
**CAS:** 113136-77-9 **LD<sub>50</sub>:** 315mg/kg  
**MW:** 274.10 **MF:** C<sub>11</sub>H<sub>9</sub>Cl<sub>2</sub>NO<sub>3</sub>



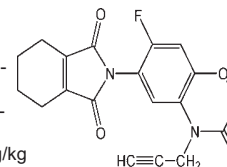
**PS-2244 zeta-Cypermethrin**

Fury<sup>®</sup>, Mustang<sup>®</sup>, (+)-alpha-Cyano-3-phenoxybenzyl 2,2-dimethyl-3-(2,2-dichlorovinyl) cyclopropane carboxylate  
**CAS:** 52315-07-8 **LD<sub>50</sub>:** 105mg/kg  
**MW:** 416.32 **MF:** C<sub>22</sub>H<sub>19</sub>Cl<sub>2</sub>NO<sub>3</sub>



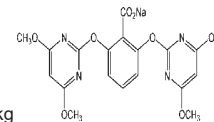
**PS-2245 Flumioxazin**

Flumyazin<sup>®</sup>, Pledge<sup>®</sup>, Sumisoya<sup>®</sup>, Vulcan<sup>®</sup>, N-(7-Fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzoxazin-6-yl)cyclohex-1-ene-1,2-dicarboxamide  
**CAS:** 103361-09-7 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 354.36 **MF:** C<sub>19</sub>H<sub>15</sub>FN<sub>2</sub>O<sub>4</sub>



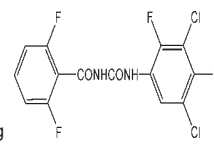
**PS-2246 Bispyribac Sodium**

Nominee<sup>®</sup>, Sodium 2,6-bis(4,6-dimethoxy)pyrimidin-2-yloxy) benzoate  
**CAS:** 125401-92-5 **LD<sub>50</sub>:** 2,635mg/kg  
**MW:** 452.39 **MF:** C<sub>19</sub>H<sub>17</sub>N<sub>4</sub>O<sub>8</sub>Na



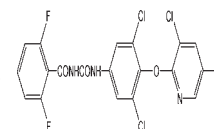
**PS-2247 Teflubenzuron**

Nomolt<sup>®</sup>, Dart<sup>®</sup>, Diaract<sup>®</sup>, Tefludate<sup>®</sup>, 1-(3,5-Dichloro-2,4-difluorophenyl)-3-(2,6-difluorobenzoyl)urea  
**CAS:** 83121-18-0 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 381.12 **MF:** C<sub>14</sub>H<sub>6</sub>Cl<sub>2</sub>F<sub>4</sub>N<sub>2</sub>O<sub>2</sub>



**PS-2248 Chlorfluzuron**

Atabron<sup>®</sup>, Helix<sup>®</sup>, 1-[3,5-Dichloro-4-(3-chloro-5-trifluoromethyl-2-pyridyloxy)phenyl]-3-(2,6-difluorobenzoyl)urea  
**CAS:** 71422-67-8 **LD<sub>50</sub>:** 445mg/kg  
**MW:** 540.66 **MF:** C<sub>20</sub>H<sub>9</sub>Cl<sub>3</sub>F<sub>5</sub>N<sub>3</sub>O<sub>3</sub>

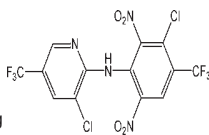


**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

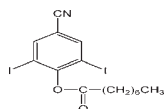
**PS-2249 Fluazinam**

Altima®, Frownicide®, Legacy®, Ohayo®, Omega®, Shogun®, 3-Chloro-N-(3-chloro-5-trifluoromethyl-2-pyridyl)-alpha,alpha,alpha-trifluoro-2,6-dinitro-p-toluidine  
**CAS:** 79622-59-6 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 465.11 **MF:** C<sub>13</sub>H<sub>4</sub>Cl<sub>2</sub>F<sub>6</sub>N<sub>4</sub>O<sub>4</sub>



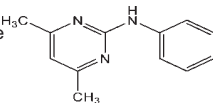
**PS-2250 Ioxynil octanoate**

4-Cyano-2,6-di-iodophenyl octanoate  
**CAS:** 3861-47-0 **LD<sub>50</sub>:** 190mg/kg  
**MW:** 497.13 **MF:** C<sub>15</sub>H<sub>17</sub>I<sub>2</sub>NO<sub>2</sub>



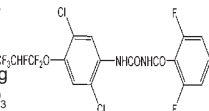
**PS-2251 Pyrimethanil**

N-(4,6-Dimethylpyrimidin-2-yl)aniline  
**CAS:** 53112-28-0 **LD<sub>50</sub>:** 4,150mg/kg  
**MW:** 199.3 **MF:** C<sub>12</sub>H<sub>13</sub>N<sub>3</sub>



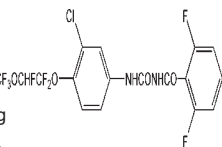
**PS-2252 Lufenuron**

(RS)-1-[2,5-Dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)phenyl]-3-(2,6-difluorobenzoyl)urea  
**CAS:** 103055-07-8 **LD<sub>50</sub>:** 2,000mg/kg  
**MW:** 511.2 **MF:** C<sub>17</sub>H<sub>8</sub>Cl<sub>2</sub>F<sub>8</sub>N<sub>2</sub>O<sub>3</sub>



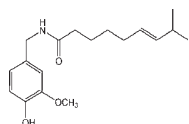
**PS-2253 Novaluron**

Rimon®, (+/-)-N-[[[3-Chloro-4-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-phenyl]amino]carbonyl]-2,6-difluorobenzamide  
**CAS:** 116714-46-6 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 492.7 **MF:** C<sub>17</sub>H<sub>9</sub>ClF<sub>8</sub>N<sub>2</sub>O<sub>4</sub>



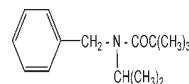
**PS-2254 Capsaicin, Natural**

**CAS:** N/A **LD<sub>50</sub>:** N/A  
**MW:** **MF:**



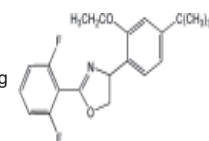
**PS-2255 Tebutam**

Butam®, Colzor®, Comodor®, N-Benzyl-N-isopropylpivalamide  
**CAS:** 35256-85-0 **LD<sub>50</sub>:** 6,000mg/kg  
**MW:** 233.39 **MF:** C<sub>15</sub>H<sub>23</sub>NO



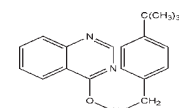
**PS-2257 Etoxazole**

(RS)-5-tert-Butyl-2-[2-(2,6-difluorophenyl)-4,5-dihydro-1,3-oxazol-4-yl]phenetole  
**CAS:** 153233-91-1 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 359.4 **MF:** C<sub>21</sub>H<sub>25</sub>F<sub>2</sub>NO<sub>2</sub>



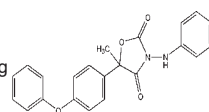
**PS-2258 Fenazaquin**

4-tert-Butylphenethyl quinazolin-4-yl ether  
**CAS:** 120928-09-8 **LD<sub>50</sub>:** 136mg/kg  
**MW:** 306.44 **MF:** C<sub>20</sub>H<sub>22</sub>N<sub>2</sub>O



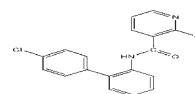
**PS-2259 Famoxadone**

3-Anilino-5-methyl-5-(4-phenoxyphenyl)-1,3-oxazolidine-2,4-dione  
**CAS:** 131807-57-3 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 374.40 **MF:** C<sub>22</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>



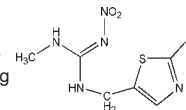
**PS-2260 Boscalid**

**CAS:** 188425-85-6 **LD<sub>50</sub>:** N/A  
**MW:** 343.2 **MF:** C<sub>18</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>2</sub>O



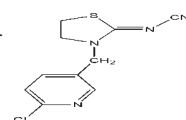
**PS-2261 Clothianidin**

(E)-1-(2-Chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine  
**CAS:** 210880-92-5 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 249.68 **MF:** N/A



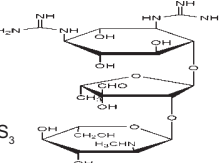
**PS-2262 Thiacloprid**

(3-((6-Chloro-3-pyridinyl)methyl)-2-thiazolidinylidene)cyanamide  
**CAS:** 111988-49-9 **LD<sub>50</sub>:** 444mg/kg  
**MW:** 252.74 **MF:** C<sub>10</sub>H<sub>9</sub>ClN<sub>4</sub>S



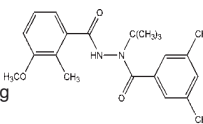
**PS-2263 Streptomycin sulfate**

Streptomycin sulfate (2:3) salt, Streptomycin sesquisulfate, Streptomycin A sulfate  
**CAS:** 3810-74-0 **LD<sub>50</sub>:** 430mg/kg  
**MW:** 1457.58 **MF:** C<sub>42</sub>H<sub>78</sub>N<sub>14</sub>O<sub>24</sub>·H<sub>6</sub>O<sub>12</sub>S<sub>3</sub>



**PS-2264 Methoxyfenozide**

3-Methoxy-2-methylbenzoic acid 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl)hydrazide  
**CAS:** 161050-58-4 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 368.48 **MF:** C<sub>22</sub>H<sub>28</sub>N<sub>2</sub>O<sub>3</sub>



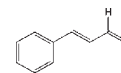
**PS-2265 Emamectin**

**CAS:** 119791-41-2 **LD<sub>50</sub>:** 76mg/kg  
**MW:** 886.1(B1a) **MF:** C<sub>49</sub>H<sub>75</sub>NO<sub>13</sub>

Structure Not Available

**PS-2266 Cinnamaldehyde**

Cinnacure®, Cinnamite®, Valeo®, Adios®, 3-Phenyl-2-propenal, Benzylideneacetaldehyde  
**CAS:** 104-55-2 **LD<sub>50</sub>:** 2,220mg/kg  
**MW:** 132.17 **MF:** C<sub>9</sub>H<sub>8</sub>O



**PS-2267 2,3-Dichloronitrobenzene**

1,2-Dichloro-3-nitrobenzene  
**CAS:** 3209-22-1 **LD<sub>50</sub>:** N/A  
**MW:** 192.00 **MF:** C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>NO<sub>2</sub>



**PS-2268 2,4-Dichloronitrobenzene**

asym-Nitro-m-dichlorobenzene  
**CAS:** 611-06-3 **LD<sub>50</sub>:** N/A  
**MW:** 192.00 **MF:** C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>NO<sub>2</sub>



**PS-2269 2,5-Dichloronitrobenzene**

1,4-Dichloro-2-nitrobenzene  
**CAS:** 89-61-2 **LD<sub>50</sub>:** 1,210mg/kg  
**MW:** 192.00 **MF:** C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>NO<sub>2</sub>



**PS-2270 3,4-Dichloronitrobenzene**

1,2-Dichloro-4-nitrobenzene  
**CAS:** 99-54-7 **LD<sub>50</sub>:** 643mg/kg  
**MW:** 192.00 **MF:** C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>NO<sub>2</sub>

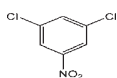


Numerical Listing

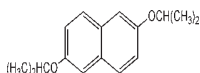
For new pesticides and custom mixtures contact us at +1-610-692-3026 or www.chemservice.com

## Chem Service Pesticide Standards - Numerical Listing

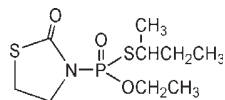
**PS-2271 3,5-Dichloronitrobenzene**  
 CAS: 618-62-2 LD<sub>50</sub>: N/A  
 MW: 192.00 MF: C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>NO<sub>2</sub>



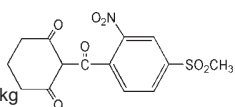
**PS-2272 2,6-Diisopropyl-naphthalene**  
 CAS: 24157-81-1 LD<sub>50</sub>: N/A  
 MW: 212.33 MF: C<sub>16</sub>H<sub>20</sub>



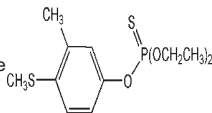
**PS-2273 Fosthiazate**  
 Ciertó®, Nemathorin®, Shinoma®,  
 S-sec-Butyl O-ethyl (2-oxo-1,3-thiazolidine-3-yl)phosphonothioate  
 CAS: 98886-44-3 LD<sub>50</sub>: 57mg/kg  
 MW: 283.37 MF: C<sub>9</sub>H<sub>16</sub>NO<sub>3</sub>PS<sub>2</sub>



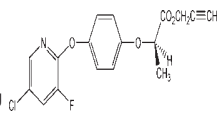
**PS-2274 Mesotrione**  
 2-(4-Mesyloxy-2-nitrobenzoyl)  
 cyclohexane-1,3-dione  
 CAS: 104206-82-8 LD<sub>50</sub>: 5,000mg/kg  
 MW: 339.3 MF: C<sub>14</sub>H<sub>13</sub>NO<sub>7</sub>S



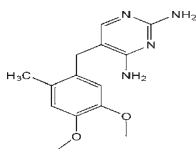
**PS-2275 Fenthion-ethyl**  
 O,O-Diethyl O-(3-methyl-4-(methylthio)phenyl)phosphorothioate  
 CAS: 1716-09-2 LD<sub>50</sub>: 14mg/kg  
 MW: 306.40 MF: C<sub>12</sub>H<sub>19</sub>O<sub>3</sub>PS<sub>2</sub>



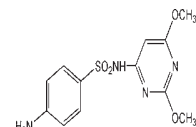
**PS-2276 Clodinafop-propargyl**  
 Prop-2-ynyl (R)-2-[4-(5-chloro-3-fluoropyridin-2-yloxy)phenoxy]propionate  
 CAS: 105512-06-9 LD<sub>50</sub>: 1,829mg/kg  
 MW: 349.8 MF: C<sub>17</sub>H<sub>13</sub>ClFNO<sub>4</sub>



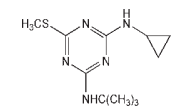
**PS-2277 Ormetoprin**  
 5-(4,5-Dimethoxy-2-methylbenzyl)-2,4-diaminopyrimidine,  
 2,4-Diamino-5-(6-methylveratryl)pyrimidine  
 CAS: 6981-18-6 LD<sub>50</sub>: N/A  
 MW: 274.33 MF: C<sub>14</sub>H<sub>18</sub>N<sub>4</sub>O<sub>2</sub>



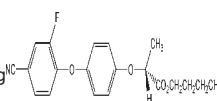
**PS-2278 Sulfadimethoxine**  
 Agribon®, Albon®, Bactrovet®, Madribon®, Neostrepal®, Sudine®, Sulxin®, 4-Amino-N-(2,6-dimethoxy-4-pyrimidinyl)benzenesulfonamide,  
 2,6-Dimethoxy-4-sulfanilamido pyrimidine, Dinosol®  
 CAS: 122-11-2 LD<sub>50</sub>: 3,200mg/kg  
 MW: 310.36 MF: C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>S



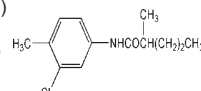
**PS-2279 Cybutryne**  
 Irgarol®, Fintryne®, N-Cyclopropyl-N'-(1,1-dimethylethyl)-6-(methylthio)-1,3,5-Triazine-2,4-diamine  
 CAS: 28159-98-0 LD<sub>50</sub>: N/A  
 MW: 253.37 MF: C<sub>11</sub>H<sub>19</sub>N<sub>5</sub>S



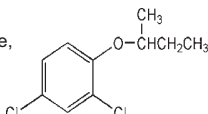
**PS-2280 Cyhalofop-butyl**  
 Butyl (R)-2-[4-(4-cyano-2-fluorophenoxy)phenoxy]propionate  
 CAS: 122008-85-9 LD<sub>50</sub>: 5,000mg/kg  
 MW: 357.4 MF: C<sub>20</sub>H<sub>20</sub>FNO<sub>4</sub>



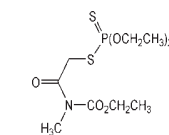
**PS-2281 Pentanochlor**  
 Solan®, N-(3-Chloro-4-methylphenyl)-2-methylpentanamide,  
 3'-Chloro-2-methylvalero-p-toluidide  
 CAS: 2307-68-8 LD<sub>50</sub>: 5,100mg/kg  
 MW: 239.7 MF: C<sub>13</sub>H<sub>18</sub>ClNO



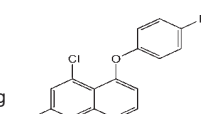
**PS-2282 2,4-D isobutyl ester**  
 Isobutyl 2,4-dichlorophenoxyacetate,  
 (2,4-Dichlorophenoxy)acetic acid isobutyl ester  
 CAS: 1713-15-1 LD<sub>50</sub>: 300mg/kg  
 MW: 277.16 MF: C<sub>12</sub>H<sub>14</sub>Cl<sub>2</sub>O<sub>3</sub>



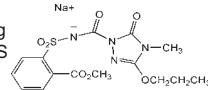
**PS-2283 Mecarbam**  
 Afos®, Murfotox®, Pestan®, S-(N-Ethoxycarbonyl-N-methyl carbamoylmethyl) O,O-diethyl phosphorodithioate  
 CAS: 2595-54-2 LD<sub>50</sub>: 31mg/kg  
 MW: 329.40 MF: C<sub>10</sub>H<sub>20</sub>NO<sub>3</sub>PS<sub>2</sub>



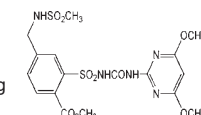
**PS-2284 Quinoxifen**  
 5,7-Dichloro-4-quinoyl 4-fluoro phenyl ether, 5,7-Dichloro-4-(4-fluorophenoxy)quinoline  
 CAS: 124495-18-7 LD<sub>50</sub>: 5,000mg/kg  
 MW: 308.14 MF: C<sub>15</sub>H<sub>8</sub>Cl<sub>2</sub>FNO



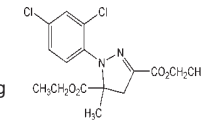
**PS-2285 Propoxycarbazono-sodium**  
 CAS: 181274-15-7 LD<sub>50</sub>: 5,000mg/kg  
 MW: 420.4 MF: C<sub>15</sub>H<sub>17</sub>N<sub>4</sub>NaO<sub>7</sub>S



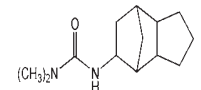
**PS-2286 Mesosulfuron-methyl**  
 2-[(4,6-Dimethoxy-pyrimidin-2-yl)carbamoyl]sulfamoyl-a-(methanesulfonamido)-p-toluolate  
 CAS: 208465-21-8 LD<sub>50</sub>: 5,000mg/kg  
 MW: 503.5 MF: C<sub>17</sub>H<sub>21</sub>N<sub>5</sub>O<sub>8</sub>S<sub>2</sub>



**PS-2287 Mefenpyr-diethyl**  
 Diethyl (RS)-1-(2,4-dichlorophenyl)-5-methyl-2-pyrazoline-3,5-dicarboxylate  
 CAS: 135590-91-9 LD<sub>50</sub>: 5,000mg/kg  
 MW: 373.2 MF: C<sub>16</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>4</sub>



**PS-2288 Noruron**  
 Norea, Herban®, 3a,α,4α,5α,7α,α-N,N-Dimethyl-N'-(octahydro-4,7-methano-1H-inden-5-yl)urea,  
 3-(Hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea,  
 1-(Tetrahydrodicyclopentadienyl)-3,3-dimethylurea  
 CAS: 18530-56-8 LD<sub>50</sub>: 2,000mg/kg  
 MW: 222.3 MF: C<sub>13</sub>H<sub>22</sub>N<sub>2</sub>O



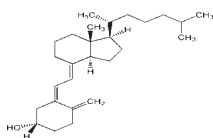
**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Pesticide Standards - Numerical Listing

**PS-2289 Cholecalciferol**

Vitamin D3, CalcioI, 9,10-Secosterolesta-5,7,10(19)-trien-3-beta-ol

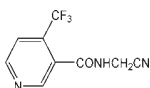
**CAS:** 67-97-0 **LD<sub>50</sub>:** 42mg/kg  
**MW:** 384.71 **MF:** C<sub>27</sub>H<sub>44</sub>O



**PS-2290 Flonicamid**

N-Cyanomethyl-4-(trifluoromethyl)nicotinamide

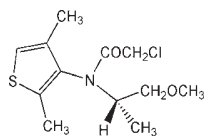
**CAS:** 158062-67-0 **LD<sub>50</sub>:** 884mg/kg  
**MW:** 229.2 **MF:** C<sub>9</sub>H<sub>6</sub>F<sub>3</sub>N<sub>3</sub>O



**PS-2291 Dimethenamid-P**

Outlook®, (S)-2-Chloro-N-(2,4-dimethyl-3-thienyl)-N-(2-methoxy-1-methylethyl)acetamide

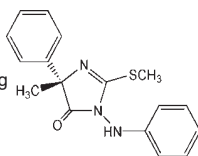
**CAS:** 163515-14-8 **LD<sub>50</sub>:** 466mg/kg  
**MW:** 275.8 **MF:** C<sub>12</sub>H<sub>16</sub>ClNO<sub>2</sub>S



**PS-2292 Fenamidone**

(S)-1-Anilino-4-methyl-2-methylthio-4-phenylimidazolin-5-one, S-5-Methyl-2-methylthio-5-phenyl-3-phenylamino-3,5-dihydro-4H-imidazol-4-one

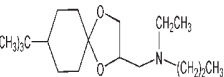
**CAS:** 161326-34-7 **LD<sub>50</sub>:** 2,028mg/kg  
**MW:** 311.4 **MF:** C<sub>17</sub>H<sub>17</sub>N<sub>3</sub>OS



**PS-2293 Spiroxamine**

8-tert-Butyl-1,4-dioxaspiro[4.5]decan-2-ylmethyl(ethyl)(propyl)amine

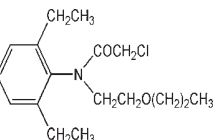
**CAS:** 118134-30-8 **LD<sub>50</sub>:** 595mg/kg  
**MW:** 297.5 **MF:** C<sub>18</sub>H<sub>35</sub>NO<sub>2</sub>



**PS-2294 Pretilachlor**

Rifit®, Solnet®, 2-Chloro-2',6'-diethyl-N-(2-propoxyethyl)acetanilide

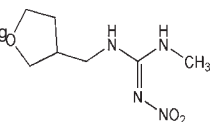
**CAS:** 51218-49-6 **LD<sub>50</sub>:** 6,099mg/kg  
**MW:** 311.9 **MF:** C<sub>17</sub>H<sub>26</sub>ClNO<sub>2</sub>



**PS-2295 Dinotefuran**

(RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine

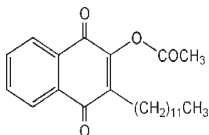
**CAS:** 165252-70-0 **LD<sub>50</sub>:** 2,804mg/kg  
**MW:** 202.2 **MF:** C<sub>7</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub>



**PS-2296 Acequinocyl**

Kanemite®, AKD-2023®, 3-Dodecyl-1,4-dihydro-1,4-dioxo-2-naphthyl acetate, 3-Acetoxy-2-dodecyl-1,4-naphthoquinone

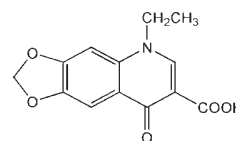
**CAS:** 57960-19-7 **LD<sub>50</sub>:** 5,000mg/kg  
**MW:** 384.5 **MF:** C<sub>24</sub>H<sub>32</sub>O<sub>4</sub>



**PS-2297 Oxolinic acid**

Dioxacin®, Emyrenil®, Gramurin®, Prodoxol®, Uroxol®, 5-Ethyl-5,8-dihydro-8-oxo[1,3]dioxolo[4,5-g]quinoline-7-carboxylic acid

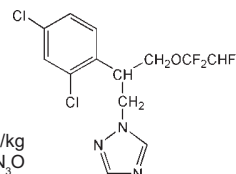
**CAS:** 14698-29-4 **LD<sub>50</sub>:** 630mg/kg  
**MW:** 261.2 **MF:** C<sub>13</sub>H<sub>11</sub>NO<sub>5</sub>



**PS-2299 Tetraconazole**

(RS)-2-(2,4-dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propyl 1,1,2,2-tetrafluoroethyl ether, Arpege®, Domark®, Emerald®, Eminent®, Greman®, Lospel®

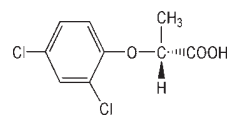
**CAS:** 112281-77-3 **LD<sub>50</sub>:** 1,248mg/kg  
**MW:** 372.1 **MF:** C<sub>13</sub>H<sub>11</sub>Cl<sub>2</sub>F<sub>4</sub>N<sub>3</sub>O



**PS-2300 Dichlorprop-P**

Duplosan®, Optica®, (+)-2,4-DP, R-2-(2,4-Dichlorophenoxy)propionic acid

**CAS:** 15165-67-0 **LD<sub>50</sub>:** 825mg/kg  
**MW:** 235.1 **MF:** C<sub>9</sub>H<sub>8</sub>Cl<sub>2</sub>O<sub>3</sub>



Numerical Listing

For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

## Chem Service Pesticide Standards - Solution Listing

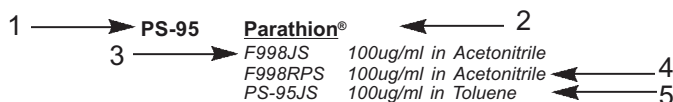


### Solution Listing Pesticide Standards

NEW

Chem Service now offers pesticide standard single component solutions in a HPLC solvent and a GC solvent for customers using these methods of analysis.

Solution Listing



- 1     **Pesticide catalog number (parent compound)**
- 2     **Description of the parent pesticide**
- 3     *Solution Pesticide standard (Catalog number, concentration and solvent)*
- 4     *Solution in HPLC Solvent*
- 5     *Solution in GC Solvent*

#### ORDERS

Phone: 1-610-692-3026 or 1-800-452-9994  
Fax: 1-610-692-8729

#### TECHNICAL INQUIRIES & CUSTOMER SERVICE

Phone: 1-610-692-3026 or 1-800-452-9994  
Fax: 1-610-692-8729

## Chem Service Pesticide Standards - Solution Listing

JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml	
<b>PS-1</b>	<b>1,2-Dibromo-3-chloropropane</b>	<b>PS-19</b>	<b>2-Chloroallyl diethyldithiocarbamate</b>	<b>PS-36</b>	<b>Phenoxyacetic acid</b>						
F819JS	100ug/ml in Methanol	F2136JS	100ug/ml in Methanol	PS-36JS	100ug/ml in MTBE						
F819RPS	100ug/ml in Methanol	F2136RPS	100ug/ml in Methanol	PS-36AJS	100ug/ml in Methanol						
<b>PS-2</b>	<b>o-Dichlorobenzene</b>	<b>PS-20</b>	<b>Ferbam</b>	<b>PS-37</b>	<b>2-Phenoxypropionic acid</b>						
F25JS	100ug/ml in Methanol	PS-20JS	100ug/ml in Toluene	PS-37JS	100ug/ml in MTBE						
F25RPS	100ug/ml in Methanol	PS-20AJS	100ug/ml in Methanol	PS-37AJS	100ug/ml in Methanol						
<b>PS-3</b>	<b>p-Dichlorobenzene</b>	<b>PS-21</b>	<b>Ziram</b>	<b>PS-38</b>	<b>o-Chlorophenoxy acetic acid</b>						
F27JS	100ug/ml in Methanol	PS-21JS	100ug/ml in Toluene	PS-38JS	100ug/ml in MTBE						
F27RPS	100ug/ml in Methanol	F2368JS	100ug/ml in Acetonitrile	PS-38AJS	100ug/ml in Methanol						
<b>PS-4</b>	<b>Trichloronitromethane</b>	F2368RPS	100ug/ml in Acetonitrile	<b>PS-39</b>	<b>p-Chlorophenoxy acetic acid</b>						
F2023JS	100ug/ml in Acetone	<b>PS-22</b>	<b>Maneb</b> Not Available in Solution	PS-39JS	100ug/ml in MTBE						
F2023RPS	100ug/ml in Acetone	<b>PS-23</b>	<b>Zineb</b> Not Available in Solution	PS-39AJS	100ug/ml in Methanol						
<b>PS-5</b>	<b>1,1-Dichloro-1-nitroethane</b>	<b>PS-24</b>	<b>Tetramethylthiuram disulfide</b>	<b>PS-40</b>	<b>4-Chloro-o-toloxoacetic acid</b>						
PS-5JS	100ug/ml in Methylene chloride	PS-24JS	100ug/ml in Toluene	F966JS	100ug/ml in Acetone						
PS-5AJS	100ug/ml in Methanol	PS-24AJS	100ug/ml in Methanol	F966RPS	100ug/ml in Acetone						
<b>PS-6</b>	<b>Dichlorophen</b>	<b>PS-25</b>	<b>Captan</b>	PS-40AJS	100ug/ml in Methanol						
F2288JS	100ug/ml in Methanol	F2095JS	100ug/ml in Toluene	<b>PS-41</b>	<b>2,4-D</b>						
F2288S	100ug/ml in Methanol	F2095RPS	100ug/ml in Toluene	F954JS	100ug/ml in Acetone						
F2288RPS	100ug/ml in Methanol	PS-25AJS	100ug/ml in Methanol	F954RPS	100ug/ml in Acetone						
<b>PS-7</b>	<b>Pentachlorophenol</b>	<b>PS-26</b>	<b>Folpet</b>	PS-41AJS	100ug/ml in Methanol						
F64JS	100ug/ml in Methanol	PS-26JS	100ug/ml in Toluene	<b>PS-41-1</b>	<b>2,4-D methyl ester</b>						
F64RPS	100ug/ml in Methanol	PS-26AJS	100ug/ml in Methanol	F955JS	100ug/ml in Methanol						
<b>PS-8</b>	<b>2,3,4,6-Tetrachlorophenol</b>	<b>PS-27</b>	<b>Dinocap</b>	F955RPS	100ug/ml in Methanol						
F1086JS	100ug/ml in Methanol	F2109JS	100ug/ml in Methanol	<b>PS-42</b>	<b>2,4-D butyl ester</b>						
F1086RPS	100ug/ml in Methanol	F2109RPS	100ug/ml in Methanol	PS-42JS	100ug/ml in Toluene						
<b>PS-9</b>	<b>2,4,5-Trichlorophenol</b>	<b>PS-28</b>	<b>1-Naphthaleneacetamide</b>	PS-42AJS	100ug/ml in Acetonitrile						
F717JS	100ug/ml in Methanol	PS-28JS	100ug/ml in Toluene	<b>PS-43</b>	<b>2,4-D isopropyl ester</b>						
F717RPS	100ug/ml in Methanol	PS-28AJS	100ug/ml in Methanol	PS-43JS	100ug/ml in Toluene						
<b>PS-10</b>	<b>2,4,6-Trichlorophenol</b>	<b>PS-29</b>	<b>1-Naphthaleneacetic acid</b>	PS-43AJS	100ug/ml in Acetonitrile						
F21JS	100ug/ml in Methanol	PS-29JS	100ug/ml in MTBE	<b>PS-44</b>	<b>Dichlorprop</b>						
F21RPS	100ug/ml in Methanol	PS-29AJS	100ug/ml in Methanol	F962JS	100ug/ml in Acetone						
<b>PS-11</b>	<b>Chloranil</b>	<b>PS-30</b>	<b>Methyl-1-naphthalene acetate</b>	F962RPS	100ug/ml in Acetone						
PS-11JS	100ug/ml in Toluene	PS-30JS	100ug/ml in Toluene	PS-44AJS	100ug/ml in Methanol						
PS-11AJS	100ug/ml in Methanol	PS-30AJS	100ug/ml in Methanol	<b>PS-45</b>	<b>2,4,5-T</b>						
<b>PS-12</b>	<b>Dichlone</b>	<b>PS-31</b>	<b>Chloroacetic acid</b>	F972JS	100ug/ml in Acetone						
F2103JS	100ug/ml in Toluene	F2082JS	100ug/ml in MTBE	F972RPS	100ug/ml in Acetone						
F2103RPS	100ug/ml in Toluene	F2082RPS	100ug/ml in MTBE	PS-45AJS	100ug/ml in Acetonitrile						
PS-12JS	100ug/ml in Methanol	PS-31AJS	100ug/ml in Methanol	<b>PS-46</b>	<b>2,4,5-T isopropyl ester</b>						
<b>PS-13</b>	<b>1,4,5,6,7,7-Hexachloro-N-(ethylmercuri)-5-norbornene-2,3-dicarboximide</b>	<b>PS-32</b>	<b>Dalapon</b>	PS-46JS	100ug/ml in MTBE						
PS-13JS	100ug/ml in Toluene	F956JS	100ug/ml in Acetone	PS-46AJS	100ug/ml in Acetonitrile						
PS-13AJS	100ug/ml in Methanol	F956RPS	100ug/ml in Acetone	<b>PS-47</b>	<b>Silvex</b>						
<b>PS-14</b>	<b>Phenyl mercuric acetate</b>	PS-32AJS	100ug/ml in Methanol	F970JS	100ug/ml in Acetone						
PS-14JS	100ug/ml in Toluene	<b>PS-33</b>	<b>Chlorthal</b>	F970RPS	100ug/ml in Acetone						
PS-14AJS	100ug/ml in Methanol	F2040JS	100ug/ml in Acetone	PS-47AJS	100ug/ml in Acetonitrile						
<b>PS-15</b>	<b>Phenyl mercuric benzoate</b>	F2040RPS	100ug/ml in Acetone	<b>PS-48</b>	<b>3-Indolebutyric acid</b>						
PS-15JS	100ug/ml in Toluene	PS-33AJS	100ug/ml in Methanol	PS-48JS	100ug/ml in MTBE						
PS-15AJS	100ug/ml in Methanol	<b>PS-34</b>	<b>Trichloroacetic acid</b>	PS-48AJS	100ug/ml in Acetonitrile						
<b>PS-17</b>	<b>Dazomet</b>	F2084JS	100ug/ml in MTBE	<b>PS-49</b>	<b>Gibberellic acid</b>						
PS-17JS	100ug/ml in Methanol	F2084RPS	100ug/ml in MTBE	PS-49JS	100ug/ml in MTBE						
<b>PS-18</b>	<b>8-Hydroxyquinoline</b>	PS-34AJS	100ug/ml in Methanol	PS-49AJS	100ug/ml in Acetonitrile						
PS-18JS	100ug/ml in Methanol	<b>PS-35</b>	<b>2-Naphthoxyacetic acid</b>	<b>PS-50</b>	<b>N-m-Tolylphthalamic acid</b>						
		PS-35JS	100ug/ml in MTBE	PS-50JS	100ug/ml in MTBE						
		PS-35AJS	100ug/ml in Methanol	PS-50AJS	100ug/ml in Acetonitrile						



## Chem Service Pesticide Standards - Solution Listing

	JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml
<b>PS-51</b>	<b>Dimethylarsinic acid</b>		<b>PS-66</b>	<b>Diethyl dithiobis(thionoformate)</b>		<b>PS-79</b>	<b>Toxaphene<sup>®</sup></b>	
PS-50JS	100ug/ml in Toluene		PS-66JS	100ug/ml in Isooctane		F106JS	100ug/ml in Methanol	
PS-50AJS	100ug/ml in H <sub>2</sub> O		PS-66AJS	100ug/ml in Acetonitrile		F106RPS	100ug/ml in Methanol	
<b>PS-52</b>	<b>Chlorpropham</b>		<b>PS-67</b>	<b>Phosphan</b>		<b>PS-80</b>	<b>Tetradifon</b>	
F2199JS	100ug/ml in MTBE		PS-67JS	100ug/ml in Methanol		F2282JS	500ug/ml in Acetone	
F2199RPS	100ug/ml in MTBE					F2282RPS	500ug/ml in Acetone	
PS-52AJS	100ug/ml in Acetonitrile		<b>PS-68</b>	<b>Tributylphosphoro-trithioite</b>		PS-80AJS	100ug/ml in Acetonitrile	
				Not Available in Solution		<b>PS-81</b>	<b>Endosulfan</b>	
<b>PS-53</b>	<b>Propham</b>		<b>PS-69</b>	<b>Aldrin<sup>®</sup></b>		F95JS	100ug/ml in Hexane	
F2376JS	100ug/ml in Acetonitrile		F89JS	100ug/ml in Methanol		F95RPS	100ug/ml in Hexane	
F2376RPS	100ug/ml in Acetonitrile		F89RPS	100ug/ml in Methanol		PS-81AJS	100ug/ml in Acetonitrile	
PS-53JS	100ug/ml in Toluene		<b>PS-70</b>	<b>BHC (mixed isomers)</b>		<b>PS-81-1</b>	<b>Endosulfan (alpha isomer)</b>	
<b>PS-54</b>	<b>S-Ethyl dipropylthiocarbamate</b>		PS-70JS	100ug/ml in Toluene		F202JS	100ug/ml in Hexane	
F2229JS	100ug/ml in MTBE		PS-70AJS	100ug/ml in Acetonitrile		F202RPS	100ug/ml in Hexane	
F2229RPS	100ug/ml in MTBE		<b>PS-71</b>	<b>Lindane</b>		F202AJS	100ug/ml in MTBE	
PS-54AJS	100ug/ml in Acetonitrile		F104JS	100ug/ml in Toluene		F202ARPS	100ug/ml in MTBE	
<b>PS-55</b>	<b>S-Propyl butylethylthiocarbamate</b>		F104RPS	100ug/ml in Toluene		PS-81-1AJS	100ug/ml in Acetonitrile	
F2233JS	100ug/ml in MTBE		PS-71AJS	100ug/ml in Acetonitrile		PS-81-1AS	100ug/ml in Acetonitrile	
F2233RPS	100ug/ml in MTBE		<b>PS-72</b>	<b>p,p'-DDD</b>		PS-81-1ARPS	100ug/ml in Acetonitrile	
PS-55AJS	100ug/ml in Acetonitrile		F94JS	100ug/ml in Isooctane		<b>PS-81-2</b>	<b>Endosulfan (beta isomer)</b>	
<b>PS-56</b>	<b>Dinoseb</b>		F94RPS	100ug/ml in Isooctane		F203JS	100ug/ml in Hexane	
F964JS	100ug/ml in Acetone		PS-72AJS	100ug/ml in Acetonitrile		F203RPS	100ug/ml in Hexane	
F964RPS	100ug/ml in Acetone		<b>PS-73</b>	<b>Perthane<sup>®</sup></b>		PS-81-2AJS	100ug/ml in Acetonitrile	
PS-56AJS	100ug/ml in Acetonitrile		F2295JS	1000ug/ml in Isooctane		<b>PS-81-3</b>	<b>Endosulfan sulfate</b>	
<b>PS-57</b>	<b>4,6-Dinitro-o-cresol</b>		F2295RPS	1000ug/ml in Isooctane		F97JS	100ug/ml in Hexane	
F60JS	1000ug/ml in Methanol		PS-73AJS	100ug/ml in Acetonitrile		F97RPS	100ug/ml in Hexane	
F60RPS	1000ug/ml in Methanol		<b>PS-74</b>	<b>DDT (mixture p,p' &amp; o,p')</b>		PS-81-3AJS	100ug/ml in Acetonitrile	
<b>PS-58</b>	<b>Simazine</b>		PS-74JS	100ug/ml in Methanol		<b>PS-82</b>	<b>Kelthane<sup>®</sup></b>	
F2073JS	100ug/ml in Methanol		<b>PS-75</b>	<b>Chlordane</b>		F2281JS	5000ug/ml in Isooctane	
F2073RPS	100ug/ml in Methanol		F91JS	100ug/ml in Methanol		F2281RPS	5000ug/ml in Isooctane	
<b>PS-59</b>	<b>Monuron</b>		F91RPS	100ug/ml in Methanol		PS-82AJS	100ug/ml in Acetonitrile	
F2374JS	1000ug/ml in Acetonitrile		<b>PS-75-1</b>	<b>cis-Chlordane</b>		<b>PS-83</b>	<b>Methoxychlor</b>	
F2374RPS	1000ug/ml in Acetonitrile		F907JS	100ug/ml in Methanol		F910JS	100ug/ml in Methanol	
PS-59AJS	1000ug/ml in Methanol		F907RPS	100ug/ml in Methanol		F910RPS	100ug/ml in Methanol	
<b>PS-60</b>	<b>Diuron</b>		<b>PS-75-2</b>	<b>trans-Chlordane</b>		<b>PS-84</b>	<b>Carbaryl</b>	
F2371JS	1000ug/ml in Acetonitrile		F908JS	100ug/ml in Methanol		F2005JS	1000ug/ml in Acetonitrile	
F2371RPS	1000ug/ml in Acetonitrile		F908RPS	100ug/ml in Methanol		F2005RPS	1000ug/ml in Acetonitrile	
PS-60JS	100ug/ml in Toluene		<b>PS-76</b>	<b>Diieldrin</b>		PS-84JS	100ug/ml in Toluene	
<b>PS-61</b>	<b>1,1-Dimethyl-3-phenylurea</b>		F90JS	100ug/ml in Methanol		<b>PS-85</b>	<b>Nicotine</b>	
F2372JS	1000ug/ml in Acetonitrile		F90RPS	100ug/ml in Methanol		F2123JS	100ug/ml in Methanol	
F2372RPS	1000ug/ml in Acetonitrile		<b>PS-77</b>	<b>Endrin</b>		F2123RPS	100ug/ml in Methanol	
PS-61JS	100ug/ml in Toluene		F98JS	100ug/ml in Methanol		<b>PS-86</b>	<b>Malathion</b>	
<b>PS-62</b>	<b>Bromacil</b>		F98RPS	100ug/ml in Methanol		F2118JS	100ug/ml in Toluene	
F2200JS	100ug/ml in MTBE		<b>PS-77-1</b>	<b>Endrin aldehyde</b>		F2118RPS	100ug/ml in Toluene	
F2200RPS	100ug/ml in MTBE		F99JS	100ug/ml in Methanol		PS-86AJS	100ug/ml in Acetonitrile	
PS-62AJS	100ug/ml in Acetonitrile		F99RPS	100ug/ml in Methanol		<b>PS-87</b>	<b>Phosdrin<sup>®</sup></b>	
<b>PS-63</b>	<b>Chloranocryl</b>		<b>PS-77-2</b>	<b>Endrin ketone</b>		F2066JS	100ug/ml in Toluene	
PS-63JS	100ug/ml in Toluene		F2022JS	100ug/ml in Toluene		F2066RPS	100ug/ml in Toluene	
PS-63AJS	100ug/ml in Acetonitrile		F2022RPS	100ug/ml in Toluene		PS-87AJS	100ug/ml in Acetonitrile	
<b>PS-64</b>	<b>Diphenylacetoneitrile</b>		PS-77-2AJS	100ug/ml in Acetonitrile		<b>PS-87-1</b>	<b>cis-Mevinphos</b>	
PS-64JS	100ug/ml in Methanol		<b>PS-78</b>	<b>Heptachlor</b>		PS-87-1JS	100ug/ml in MTBE	
<b>PS-65</b>	<b>Maleic hydrazide</b>		F100JS	100ug/ml in Methanol		PS-87-1AJS	100ug/ml in Acetonitrile	
PS-65JS	100ug/ml in Methanol		F100RPS	100ug/ml in Methanol		<b>PS-88</b>	<b>Carbophenothion</b>	
						F2096JS	100ug/ml in Methanol	
						F2096RPS	100ug/ml in Methanol	

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JS = 1ml	RPS = 5x1ml	JS = 1ml	RPS = 5x1ml	JS = 1ml	RPS = 5x1ml
<b>PS-89</b>	<b>Dichlorvos</b>	<b>PS-104</b>	<b>Warfarin</b>	<b>PS-217</b>	<b>Phenyl mercuric phthalate</b>
F2061JS	100ug/ml in Toluene	PS-104JS	100ug/ml in Toluene	PS-217JS	100ug/ml in Toluene
F2061RPS	100ug/ml in Toluene	PS-104AJS	100ug/ml in Acetonitrile	PS-217AJS	100ug/ml in Acetonitrile
PS-89AJS	100ug/ml in Acetonitrile				
<b>PS-90</b>	<b>Diazinon</b>	<b>PS-105</b>	<b>Sodium fluoroacetate</b>	<b>PS-220</b>	<b>Nabam</b>
F2060JS	100ug/ml in Toluene	PS-105JS	100ug/ml in Toluene	PS-220JS	100ug/ml in Toluene
F2060RPS	100ug/ml in Toluene	PS-105AJS	100ug/ml in H <sub>2</sub> O	PS-220AJS	100ug/ml in H <sub>2</sub> O
<b>PS-91</b>	<b>O,O-Dimethyl phosphorochloridothioate</b>	<b>PS-106</b>	<b>a-Naphthylthiourea</b>	<b>PS-221</b>	<b>Metham sodium</b>
PS-91JS	100ug/ml in Toluene	PS-106JS	100ug/ml in Toluene	PS-221JS	100ug/ml in Toluene
PS-91AJS	100ug/ml in Acetonitrile	PS-106AJS	100ug/ml in Acetonitrile	PS-221AJS	100ug/ml in H <sub>2</sub> O
<b>PS-92</b>	<b>Ethion</b>	<b>PS-107</b>	<b>Tricyclohexyltin hydroxide</b>	<b>PS-222</b>	<b>Benomyl</b>
F2113JS	100ug/ml in Methanol	PS-107JS	100ug/ml in Methanol	PS-222JS	100ug/ml in Toluene
F2113RPS	100ug/ml in Methanol			PS-222AJS	100ug/ml in Acetonitrile
<b>PS-93</b>	<b>EPN</b>	<b>PS-150</b>	<b>Pentachloronitrobenzene</b>	<b>PS-223</b>	<b>Thiophanate</b>
F2112JS	100ug/ml in Hexane	F999JS	100ug/ml in Methanol	PS-223JS	100ug/ml in Toluene
F2112RPS	100ug/ml in Hexane	F999RPS	100ug/ml in Methanol	PS-223AJS	100ug/ml in Acetonitrile
PS-93AJS	100ug/ml in Acetonitrile				
<b>PS-94</b>	<b>Methyl parathion</b>	<b>PS-151</b>	<b>1,2,4,5-Tetrachloro-3- nitrobenzene</b>	<b>PS-224</b>	<b>Perchloromethyl mercaptan</b>
F996JS	100ug/ml in Acetonitrile	PS-151JS	100ug/ml in Methanol	PS-224JS	100ug/ml in Toluene
F996RPS	100ug/ml in Acetonitrile			PS-224AJS	100ug/ml in Acetonitrile
PS-94JS	100ug/ml in Toluene				
<b>PS-95</b>	<b>Parathion</b> ®	<b>PS-152</b>	<b>1,3-Dichloropropene</b>	<b>PS-225</b>	<b>Polyram</b> ®
F998JS	100ug/ml in Acetonitrile	F33JS	100ug/ml in Methanol		Not Available in Solution
F998RPS	100ug/ml in Acetonitrile	F33RPS	100ug/ml in Methanol		
PS-95JS	100ug/ml in Toluene				
<b>PS-96</b>	<b>Allethrin</b>	<b>PS-153</b>	<b>1,2-Dichloropropane</b>	<b>PS-227</b>	<b>Vanicide-20S</b> ®
	0.1mg/ml in Methylene chloride	F32JS	100ug/ml in Methanol	PS-227JS	100ug/ml in Toluene
		F32RPS	100ug/ml in Methanol	PS-227AJS	100ug/ml in Acetonitrile
<b>PS-97</b>	<b>Pyrethrum</b>	<b>PS-154</b>	<b>1,2-Dibromoethane</b>	<b>PS-228</b>	<b>Amobam</b> ®
PS-97JS	100ug/ml in MTBE	F820JS	100ug/ml in Methanol		Not Available in Solution
PS-97AJS	100ug/ml in Acetonitrile	F820RPS	100ug/ml in Methanol		
<b>PS-98</b>	<b>Benzyl thiocyanate</b>	<b>PS-170</b>	<b>o-Benzyl-p-chlorophenol</b>	<b>PS-230</b>	<b>Thiophanate-methyl</b>
PS-98JS	100ug/ml in Toluene	PS-170JS	100ug/ml in Methanol	PS-230JS	100ug/ml in Toluene
PS-98AJS	100ug/ml in Acetonitrile			PS-230AJS	100ug/ml in Acetonitrile
<b>PS-99</b>	<b>Rotenone</b>	<b>PS-171</b>	<b>Hexachlorodimethyl sulfone</b>	<b>PS-250</b>	<b>Dodine</b>
F2382JS	1000ug/ml in Methylene chloride	PS-171JS	100ug/ml in Toluene	PS-250JS	100ug/ml in Methanol
F2382RPS	1000ug/ml in Methylene chloride	PS-171AJS	100ug/ml in Acetonitrile		
PS-99AJS	100ug/ml in Acetonitrile				
<b>PS-100</b>	<b>Piperonyl butoxide</b>	<b>PS-199</b>	<b>Phenylmercuric oleate</b>	<b>PS-255</b>	<b>Chloroneb</b>
PS-100JS	100ug/ml in Isooctane	PS-199JS	100ug/ml in Toluene	F2201JS	100ug/ml in MTBE
PS-100AJS	100ug/ml in Acetonitrile	PS-199AJS	100ug/ml in Acetonitrile	F2201RPS	100ug/ml in MTBE
				PS-255AJS	100ug/ml in Acetonitrile
<b>PS-101</b>	<b>2-Butyl-2-ethyl-1,3- propanediol</b>	<b>PS-202</b>	<b>Phenylmercury nitrate</b>	<b>PS-260</b>	<b>Captafol</b>
PS-101JS	100ug/ml in Methanol	PS-202JS	100ug/ml in Toluene	F2094JS	100ug/ml in Toluene
		PS-202AJS	100ug/ml in Acetonitrile	F2094RPS	100ug/ml in Toluene
				PS-260AJS	100ug/ml in Acetonitrile
<b>PS-102</b>	<b>2-Ethyl-1,3-hexanediol</b>	<b>PS-203</b>	<b>Phenylmercury borate</b>	<b>PS-261</b>	<b>Glyodin</b>
F2283JS	2500ug/ml in Acetone	PS-203JS	100ug/ml in Toluene	PS-261JS	100ug/ml in Methanol
F2283RPS	2500ug/ml in Acetone	PS-203AJS	100ug/ml in Acetonitrile		
PS-102AJS	2500ug/ml in Acetonitrile				
<b>PS-103</b>	<b>Dichlofenthion</b>	<b>PS-205</b>	<b>Phenylmercury salicylate</b>	<b>PS-262</b>	<b>Dexon</b> ®
F2422JS	100ug/ml in Hexane	PS-205JS	100ug/ml in Toluene	PS-262JS	100ug/ml in Methanol
F2422RPS	100ug/ml in Hexane	PS-205AJS	100ug/ml in Acetonitrile		
PS-103AJS	100ug/ml in Acetonitrile				
		<b>PS-209</b>	<b>Ethylmercuric chloride</b>	<b>PS-264</b>	<b>Terrazole</b> ®
			Not Available in Solution	F2202JS	100ug/ml in MTBE
				F2202RPS	100ug/ml in MTBE
				PS-264AJS	100ug/ml in Acetonitrile
		<b>PS-214</b>	<b>Phenyl mercuric chloride</b>	<b>PS-272</b>	<b>Hexachloroacetone</b>
		PS-214JS	100ug/ml in Toluene	PS-272JS	100ug/ml in Hexane
		PS-214AJS	100ug/ml in Acetonitrile	PS-272AJS	100ug/ml in Acetonitrile
		<b>PS-215</b>	<b>Phenyl mercuric hydroxide</b>	<b>PS-273</b>	<b>Bromoacetyl bromide</b>
			Not Available in Solution	PS-273JS	100ug/ml in Toluene
				PS-273AJS	100ug/ml in Acetonitrile
		<b>PS-216</b>	<b>Phenyl mercuric lactate</b>		
			Not Available in Solution		

## Chem Service Pesticide Standards - Solution Listing

JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml	
<b>PS-274</b>	<b>Picloram</b>			<b>PS-302</b>	<b>2,4-D propylene glycol ester</b>			<b>PS-319-1</b>	<b>2-Ethylhexyl-2,4-dichloro phenoxy acetate</b>		
F2041JS	100ug/ml in Acetone			PS-302JS	100ug/ml in Hexane			PS-319-1JS	100ug/ml in Hexane		
F2041RPS	100ug/ml in Acetone			PS-302AJS	100ug/ml in Acetonitrile			PS-319-1AJS	100ug/ml in Acetonitrile		
PS-274AJS	100ug/ml in Acetonitrile										
<b>PS-280</b>	<b>Cadmium succinate</b>			<b>PS-303</b>	<b>2,4,5-T n-butyl ester</b>			<b>PS-320</b>	<b>3-Indoleacetic acid</b>		
PS-280JS	100ug/ml in Toluene			PS-303JS	100ug/ml in Hexane			PS-320JS	100ug/ml in MTBE		
PS-280AJS	100ug/ml in H <sub>2</sub> O			PS-303AJS	100ug/ml in Acetonitrile			PS-320AJS	100ug/ml in Acetonitrile		
<b>PS-281</b>	<b>Disodium methyl arsonate</b>			<b>PS-304</b>	<b>2,4-D ethyl ester</b>			<b>PS-321</b>	<b>3-Indolepropionic acid</b>		
PS-281JS	100ug/ml in Toluene			PS-304JS	100ug/ml in Hexane			PS-321JS	100ug/ml in MTBE		
PS-281AJS	100ug/ml in H <sub>2</sub> O			PS-304AJS	100ug/ml in Acetonitrile			PS-321AJS	100ug/ml in Acetonitrile		
<b>PS-282</b>	<b>Bis[tri-n-butyltin]oxide</b>			<b>PS-306</b>	<b>2,4-DB</b>			<b>PS-324</b>	<b>Mecoprop</b>		
PS-282JS	100ug/ml in Toluene			F958JS	100ug/ml in Acetone			F968JS	100ug/ml in Acetone		
PS-282AJS	100ug/ml in Acetonitrile			F958RPS	100ug/ml in Acetone			F968RPS	100ug/ml in Acetone		
				PS-306AJS	100ug/ml in Acetonitrile			PS-324AJS	100ug/ml in Acetonitrile		
<b>PS-288</b>	<b>Diphacinone</b>			<b>PS-307</b>	<b>MCPB</b>			<b>PS-325</b>	<b>(2-Chloroethyl)phosphonic acid</b>		
PS-288JS	100ug/ml in Toluene			PS-307JS	100ug/ml in MTBE			PS-325JS	100ug/ml in Toluene		
PS-288AJS	100ug/ml in Acetonitrile			PS-307AJS	100ug/ml in Acetonitrile			PS-325AJS	100ug/ml in H <sub>2</sub> O		
<b>PS-289</b>	<b>Potassium cyanate</b>			<b>PS-308</b>	<b>Fenac</b>			<b>PS-326</b>	<b>Ethyl-3-amino-2,5-dichloro benzoate</b>		
PS-289JS	100ug/ml in Toluene			PS-308JS	100ug/ml in MTBE			PS-326JS	100ug/ml in MTBE		
PS-289AJS	100ug/ml in H <sub>2</sub> O			PS-308AJS	100ug/ml in Acetonitrile			PS-326AJS	100ug/ml in Acetonitrile		
<b>PS-290</b>	<b>Lead arsenate</b>			<b>PS-309</b>	<b>2,4,5-T butoxyethyl ester</b>			<b>PS-329</b>	<b>Silvex isooctyl ester</b>		
	Not Available in Solution			F2362JS	1000ug/ml in Acetonitrile			PS-329JS	100ug/ml in MTBE		
				F2362RPS	1000ug/ml in Acetonitrile			PS-329AJS	100ug/ml in Acetonitrile		
				PS-309JS	100ug/ml in Toluene						
<b>PS-291</b>	<b>Ammonium fluosilicate</b>			<b>PS-310</b>	<b>p-Chloromandelic acid</b>			<b>PS-330</b>	<b>2,3,6-Trichlorobenzoic acid</b>		
PS-291JS	100ug/ml in Toluene			PS-310JS	100ug/ml in MTBE			PS-330JS	100ug/ml in MTBE		
PS-291AJS	100ug/ml in H <sub>2</sub> O			PS-310AJS	100ug/ml in Acetonitrile			PS-330AJS	100ug/ml in Acetonitrile		
<b>PS-292</b>	<b>Copper oxychloride</b>			<b>PS-311</b>	<b>Bifenox</b>			<b>PS-332</b>	<b>2,4-D isopropanol amine salt</b>		
PS-292JS	100ug/ml in Toluene			PS-311JS	100ug/ml in Methanol			PS-332JS	100ug/ml in Methanol		
PS-292AJS	100ug/ml in H <sub>2</sub> O							<b>PS-334</b>	<b>(2,4,5-Trichlorophenoxy) acetic acidbutoxypropylene glycol ester</b>		
								PS-334JS	100ug/ml in MTBE		
								PS-334AJS	100ug/ml in Acetonitrile		
<b>PS-293</b>	<b>Dicloran</b>			<b>PS-312</b>	<b>p-Bromophenoxy acetic acid</b>			<b>PS-335</b>	<b>Ethyl-1-naphthalene acetate</b>		
F2290JS	1000ug/ml in Toluene			PS-312JS	100ug/ml in MTBE			PS-335JS	100ug/ml in MTBE		
F2290RPS	1000ug/ml in Toluene			PS-312AJS	100ug/ml in Acetonitrile			PS-335AJS	100ug/ml in Acetonitrile		
PS-293AJS	100ug/ml in Acetonitrile							<b>PS-337</b>	<b>2,4-D dimethylamine salt</b>		
<b>PS-294</b>	<b>Carboxin</b>			<b>PS-313</b>	<b>Sesone<sup>®</sup></b>			PS-337JS	100ug/ml in Methanol		
F2203JS	100ug/ml in MTBE			PS-313JS	100ug/ml in Toluene						
F2203RPS	100ug/ml in MTBE			PS-313AJS	100ug/ml in H <sub>2</sub> O			<b>PS-338</b>	<b>2,4-D ethanolamine salt</b>		
PS-294AJS	100ug/ml in Acetonitrile							PS-338JS	100ug/ml in Methanol		
<b>PS-295</b>	<b>Oxycarboxin</b>			<b>PS-314</b>	<b>3-Amino-2,5-dichlorobenzoic acid</b>			<b>PS-339</b>	<b>(2,4,5-Trichlorophenoxy) acetic acid methyl ester</b>		
PS-295JS	100ug/ml in Toluene			F2039JS	1000ug/ml in Acetone			F973JS	100ug/ml in Methanol		
PS-295AJS	100ug/ml in Acetonitrile			F2039RPS	1000ug/ml in Acetone			F973RPS	100ug/ml in Methanol		
				PS-314AJS	100ug/ml in Acetonitrile			<b>PS-340</b>	<b>N,N-Dimethylsuccinamic acid</b>		
<b>PS-296</b>	<b>2,4,5-T-amine</b>			<b>PS-315</b>	<b>2,4-D butoxyethyl ester</b>			PS-340JS	100ug/ml in MTBE		
PS-296JS	100ug/ml in Methanol			F2360JS	1000ug/ml in Acetone			PS-340AJS	100ug/ml in Acetonitrile		
<b>PS-297</b>	<b>2,4,5-T isooctyl ester</b>			F2360RPS	1000ug/ml in Acetone			<b>PS-341</b>	<b>2-Furanacrylic acid</b>		
PS-297JS	100ug/ml in MTBE			PS-315AJS	100ug/ml in Acetonitrile			PS-341JS	100ug/ml in MTBE		
PS-297AJS	100ug/ml in Acetonitrile			<b>PS-316</b>	<b>2,4-DB dimethylamine salt</b>			PS-341AJS	100ug/ml in Acetonitrile		
<b>PS-297-1</b>	<b>2,4,5-T 2-ethylhexyl ester</b>			PS-316JS	100ug/ml in Methanol						
PS-297-1JS	100ug/ml in MTBE										
PS-297-1AJS	100ug/ml in Acetonitrile			<b>PS-317</b>	<b>2-(3-Chlorophenoxy) propionic acid</b>						
				PS-317JS	100ug/ml in MTBE						
				PS-317AJS	100ug/ml in Acetonitrile						
<b>PS-299</b>	<b>2,4-D isopropylamine salt</b>			<b>PS-319</b>	<b>2,4-D isooctyl ester</b>						
PS-299JS	100ug/ml in Methanol			PS-319JS	100ug/ml in MTBE						
				PS-319AJS	100ug/ml in Acetonitrile						
<b>PS-301</b>	<b>2,4-D sec-butyl ester</b>										
F2361JS	1000ug/ml in Acetonitrile										
F2361RPS	1000ug/ml in Acetonitrile										
PS-301JS	100ug/ml in Toluene										

## Chem Service Pesticide Standards - Solution Listing

JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml	
<b>PS-342</b>	<b>Silvex methyl ester</b>	<b>PS-359</b>	<b>2-[3-Chlorophenoxy] propionamide</b>	<b>PS-377</b>	<b>Neburon</b>						
F971JS	100ug/ml in Methanol			F2375JS	1000ug/ml in Acetonitrile						
F971RPS	100ug/ml in Methanol	PS-359JS	100ug/ml in Methanol	F2375RPS	1000ug/ml in Acetonitrile						
				PS-377JS	100ug/ml in Toluene						
<b>PS-343</b>	<b>N-1-Naphthylphthalamic acid</b>	<b>PS-360</b>	<b>Allyl trimethylammonium bromide</b>	<b>PS-379</b>	<b>Terbutryne</b>						
PS-343JS	100ug/ml in MTBE	PS-360JS	100ug/ml in Toluene	F2207JS	100ug/ml in MTBE						
PS-343AJS	100ug/ml in Acetonitrile	PS-360AJS	100ug/ml in H <sub>2</sub> O	F2207RPS	100ug/ml in MTBE						
				PS-379AJS	100ug/ml in Acetonitrile						
<b>PS-344</b>	<b>Ammonium sulfamate</b>	<b>PS-361</b>	<b>(2-Bromoethyl)trimethyl ammonium bromide</b>	<b>PS-380</b>	<b>Atrazine</b>						
PS-344JS	100ug/ml in Toluene	PS-361JS	100ug/ml in Toluene	F2208JS	100ug/ml in MTBE						
PS-344AJS	100ug/ml in H <sub>2</sub> O	PS-361AJS	100ug/ml in H <sub>2</sub> O	F2208RPS	100ug/ml in MTBE						
				PS-380AJS	100ug/ml in Acetonitrile						
<b>PS-345</b>	<b>Endothal</b>	<b>PS-363</b>	<b>Chlormequat chloride</b>	<b>PS-381</b>	<b>Simetryn</b>						
F2443JS	100ug/ml in Acetonitrile	PS-363JS	100ug/ml in Toluene	F2234JS	100ug/ml in MTBE						
F2443RPS	100ug/ml in Acetonitrile	PS-363AJS	100ug/ml in H <sub>2</sub> O	F2234RPS	100ug/ml in MTBE						
F1100JS	50ug/ml in De-ionized Water			PS-381AJS	100ug/ml in Acetonitrile						
F1100RPS	50ug/ml in De-ionized Water										
F1101JS	10ug/ml in De-ionized Water	<b>PS-364</b>	<b>Fenuron TCA</b>								
F1101RPS	10ug/ml in De-ionized Water		Not Available in Solution	<b>PS-382</b>	<b>Aminotriazole</b>						
PS-345JS	100ug/ml in Toluene			PS-382JS	100ug/ml in Acetone						
				PS-382AJS	100ug/ml in Acetonitrile						
<b>PS-346</b>	<b>Dicamba</b>	<b>PS-365</b>	<b>Diquat Dibromide monohydrate</b>	<b>PS-383</b>	<b>Ametryne</b>						
F960JS	100ug/ml in Acetone	F1102JS	100ug/ml in De-ionized Water	F2209JS	100ug/ml in MTBE						
F960RPS	100ug/ml in Acetone	F1102RPS	100ug/ml in De-ionized Water	F2209RPS	100ug/ml in MTBE						
PS-346AJS	100ug/ml in Acetonitrile	F1102ARPS	1970ug/ml in De-ionized Water	PS-383AJS	100ug/ml in Acetonitrile						
		PS-365JS	100ug/ml in Toluene								
<b>PS-348</b>	<b>Butachlor</b>	<b>PS-366</b>	<b>Paraquat CL tetrahydrate</b>	<b>PS-384</b>	<b>Prometryne</b>						
F2204JS	100ug/ml in MTBE	F1103JS	100ug/ml in De-ionized Water	F2235JS	100ug/ml in MTBE						
F2204RPS	100ug/ml in MTBE	F1103RPS	100ug/ml in De-ionized Water	F2235RPS	100ug/ml in MTBE						
PS-348AJS	100ug/ml in Acetonitrile	F1103AJS	1770ug/ml in De-ionized Water	PS-384AJS	100ug/ml in Acetonitrile						
		F1103ARPS	1770ug/ml in De-ionized Water								
<b>PS-349</b>	<b>Propyzamide</b>	PS-366JS	100ug/ml in Toluene	<b>PS-385</b>	<b>Propazine</b>						
F1083JS	100ug/ml in Methanol			F2236JS	100ug/ml in MTBE						
F1083RPS	100ug/ml in Methanol	<b>PS-368</b>	<b>Chlorbromuron</b>	F2236RPS	100ug/ml in MTBE						
		PS-368JS	100ug/ml in Toluene	PS-385AJS	100ug/ml in Acetonitrile						
<b>PS-350</b>	<b>Diphenamid</b>	PS-368AJS	100ug/ml in Acetonitrile	<b>PS-386</b>	<b>Prometon</b>						
F2228JS	100ug/ml in MTBE	<b>PS-369</b>	<b>Fluometuron</b>	F2210JS	100ug/ml in MTBE						
F2228RPS	100ug/ml in MTBE	F2373JS	100ug/ml in Acetonitrile	F2210RPS	100ug/ml in MTBE						
PS-350AJS	100ug/ml in Acetonitrile	F2373RPS	100ug/ml in Acetonitrile	PS-386 AJS	100ug/ml in Acetonitrile						
		PS-369JS	100ug/ml in Toluene								
<b>PS-351</b>	<b>N,N-Diallyl-2-chloroacetamide</b>	<b>PS-371</b>	<b>Monuron TCA</b>	<b>PS-387</b>	<b>Bladex</b>						
PS-351JS	100ug/ml in Methanol		Not Available in Solution	F2487JS	1000ug/ml in MTBE						
		<b>PS-372</b>	<b>Linuron</b>	F2487RPS	1000ug/ml in MTBE						
<b>PS-352</b>	<b>N-Methyl-N-1-naphthyl acetamide</b>	F2280JS	2500ug/ml in Acetonitrile	PS-387 AJS	100ug/ml in Acetonitrile						
PS-352JS	100ug/ml in Methanol	F2280RPS	2500ug/ml in Acetonitrile								
		PS-372JS	100ug/ml in Toluene	<b>PS-388</b>	<b>Anilazine</b>						
<b>PS-354</b>	<b>N-1-Naphthylacetamide</b>	<b>PS-373</b>	<b>Siduron</b>	F2089JS	100ug/ml in Toluene						
PS-354JS	100ug/ml in Methanol	F2377JS	1000ug/ml in Acetonitrile	F2089RPS	100ug/ml in Toluene						
		F2377RPS	1000ug/ml in Acetonitrile	PS-388AJS	100ug/ml in Acetonitrile						
<b>PS-355</b>	<b>Propachlor</b>	PS-373JS	100ug/ml in Toluene								
F2205JS	100ug/ml in MTBE	<b>PS-374</b>	<b>Metobromuron</b>	<b>PS-389</b>	<b>Benfluralin</b>						
F2205RPS	100ug/ml in MTBE	PS-374JS	100ug/ml in Toluene	F2364JS	1000ug/ml in Hexane						
PS-355AJS	100ug/ml in Acetonitrile	PS-374AJS	100ug/ml in Acetonitrile	F2364RPS	1000ug/ml in Hexane						
		<b>PS-375</b>	<b>Terbacil</b>	PS-389AJS	100ug/ml in Acetonitrile						
<b>PS-356</b>	<b>3',4'-Dichloropropionanilide</b>	F2206JS	100ug/ml in MTBE	<b>PS-390</b>	<b>N-[(2,4-Dichlorophenoxy) acetyl]-DL-methionine</b>						
F2379JS	1000ug/ml in Acetonitrile: Acetone (90:10)	F2206RPS	100ug/ml in MTBE	PS-390JS	100ug/ml in MTBE						
F2379RPS	1000ug/ml in Acetonitrile: Acetone (90:10)	PS-375AJS	100ug/ml in Acetonitrile	PS-390AJS	100ug/ml in Acetonitrile						
PS-356JS	100ug/ml in Toluene	<b>PS-376</b>	<b>Chloroxuron</b>	<b>PS-391</b>	<b>Daminozide</b>						
		PS-376JS	100ug/ml in Toluene	PS-391JS	100ug/ml in MTBE						
<b>PS-357</b>	<b>Alachlor</b>	PS-376AJS	100ug/ml in Acetonitrile	PS-391AJS	100ug/ml in Acetonitrile						
F2072JS	100ug/ml in Methanol			<b>PS-392</b>	<b>2,6-Dichlorobenzonitrile</b>						
F2072RPS	100ug/ml in Methanol			PS-392JS	100ug/ml in Methanol						

## Chem Service Pesticide Standards - Solution Listing

	JS = 1ml    RPS = 5x1ml		JS = 1ml    RPS = 5x1ml		JS = 1ml    RPS = 5x1ml
<b>PS-393</b>	<b>Trifluralin</b> F2140JS 100ug/ml in Toluene F2140RPS 100ug/ml in Toluene PS-393AJS 100ug/ml in Acetonitrile	<b>PS-409</b>	<b>Piperalin</b> PS-409JS 100ug/ml in Toluene PS-409AJS 100ug/ml in Acetonitrile	<b>PS-429</b>	<b>Monosodium acid methane arsonate sesquihydrate</b> PS-429JS 100ug/ml in Toluene PS-429AJS 100ug/ml in H <sub>2</sub> O
<b>PS-394</b>	<b>Nitrofen</b> F2126JS 100ug/ml in Methanol F2126RPS 100ug/ml in Methanol	<b>PS-410</b>	<b>Oryzalin</b> F2386JS 1000ug/ml in Acetonitrile F2386RPS 1000ug/ml in Acetonitrile PS-408JS 100ug/ml in Toluene	<b>PS-430</b>	<b>Pyrazon</b> PS-430JS 100ug/ml in Methanol
<b>PS-395</b>	<b>Atraton</b> F2211JS 100ug/ml in MTBE F2211RPS 100ug/ml in MTBE PS-395AJS 100ug/ml in Acetonitrile	<b>PS-411</b>	<b>Dipropetryn</b> PS-411JS 100ug/ml in MTBE PS-411AJS 100ug/ml in Acetonitrile	<b>PS-431</b>	<b>Fluorodifen</b> PS-431JS 100ug/ml in Methanol
<b>PS-397</b>	<b>3,5-Diiodo-4-hydroxy benzonitrile</b> PS-397JS 100ug/ml in Methanol	<b>PS-412</b>	<b>Ethanedial dioxime</b> PS-412JS 100ug/ml in Methanol	<b>PS-432</b>	<b>Ethoxyquin</b> PS-432JS 100ug/ml in Toluene PS-432AJS 100ug/ml in Acetonitrile
<b>PS-398</b>	<b>Metribuzin</b> F2237JS 100ug/ml in MTBE F2237RPS 100ug/ml in MTBE PS-398AJS 100ug/ml in Acetonitrile	<b>PS-413</b>	<b>Terbutylazine</b> F2291JS 1000ug/ml in MTBE F2291RPS 1000ug/ml in MTBE PS-413AJS 100ug/ml in Acetonitrile	<b>PS-433</b>	<b>4,6-Dinitro-2-sec-butylphenol ethanolamine salt</b> PS-433JS 100ug/ml in Toluene PS-433AJS 100ug/ml in H <sub>2</sub> O
<b>PS-399</b>	<b>Profluoralin®</b> F2367JS 1000ug/ml in Hexane F2367RPS 1000ug/ml in Hexane PS-399AJS 100ug/ml in Acetonitrile	<b>PS-414</b>	<b>Fosamine Ammonium</b> PS-414JS 100ug/ml in Toluene PS-414AJS 100ug/ml in H <sub>2</sub> O	<b>PS-434</b>	<b>Bromoxynil octanoic acid ester</b> F2439JS 1000ug/ml in Isooctane F2439RPS 1000ug/ml in Isooctane PS-434AJS 100ug/ml in Acetonitrile
<b>PS-400</b>	<b>Formetanate hydrochloride</b> PS-400JS 100ug/ml in Toluene PS-400AJS 100ug/ml in Acetonitrile	<b>PS-415</b>	<b>Lenacil</b> PS-415JS 100ug/ml in Methanol	<b>PS-436</b>	<b>2-sec-Butyl-4,6-dinitrophenol triethanolamine salt</b> PS-436JS 100ug/ml in Toluene PS-436AJS 100ug/ml in H <sub>2</sub> O
<b>PS-401</b>	<b>Prowl®</b> F2438JS 1000ug/ml in Isooctane F2438RPS 1000ug/ml in Isooctane PS-401AJS 100ug/ml in Acetonitrile	<b>PS-416</b>	<b>Velpar</b> F2232JS 100ug/ml in MTBE F2232RPS 100ug/ml in MTBE PS-416AJS 100ug/ml in Acetonitrile	<b>PS-437</b>	<b>2,4,5-Trichlorophenol ethanolamine salt</b> PS-437JS 100ug/ml in Toluene PS-437AJS 100ug/ml in H <sub>2</sub> O
<b>PS-402</b>	<b>Procyazine</b> PS-402JS 100ug/ml in MTBE PS-402AJS 100ug/ml in Acetonitrile	<b>PS-417</b>	<b>Triclopyr</b> PS-417JS 100ug/ml in MTBE PS-417AJS 100ug/ml in Acetonitrile	<b>PS-450</b>	<b>BDMC</b> F2054JS 100ug/ml in Methanol F2054RPS 100ug/ml in Methanol
<b>PS-403</b>	<b>Metolachlor</b> F2241JS 100ug/ml in MTBE F2241RPS 100ug/ml in MTBE PS-403AJS 100ug/ml in Acetonitrile	<b>PS-418</b>	<b>Chlorpyrifos Methyl</b> F2296JS 1000ug/ml in Hexane F2296RPS 1000ug/ml in Hexane PS-418AJS 100ug/ml in Acetonitrile	<b>PS-501</b>	<b>Molinate</b> F2242JS 100ug/ml in MTBE F2242RPS 100ug/ml in MTBE PS-501AJS 100ug/ml in Acetonitrile
<b>PS-403-1</b>	<b>S-Metolachlor</b> PS-403-1JS 100ug/ml in MTBE PS-403-1AJS 100ug/ml in Acetonitrile	<b>PS-419</b>	<b>Nitrapyrin</b> PS-419JS 100ug/ml in Toluene PS-419AJS 100ug/ml in Acetonitrile	<b>PS-502</b>	<b>Cycloate</b> F2227JS 100ug/ml in MTBE F2227RPS 100ug/ml in MTBE PS-502AJS 100ug/ml in Acetonitrile
<b>PS-404</b>	<b>Difenzoquat methylsulfate</b> PS-404JS 100ug/ml in Toluene PS-404AJS 100ug/ml in H <sub>2</sub> O	<b>PS-420</b>	<b>o-Phenylphenol</b> F2225JS 2000ug/ml in Methanol F2225RPS 2000ug/ml in Methanol PS-406AJS 100ug/ml in Acetonitrile	<b>PS-503</b>	<b>Butylate</b> F2212JS 100ug/ml in MTBE F2212RPS 100ug/ml in MTBE PS-503AJS 100ug/ml in Acetonitrile
<b>PS-406</b>	<b>Isopropalin</b> F2366JS 1000ug/ml in Hexane F2366RPS 1000ug/ml in Hexane PS-406AJS 100ug/ml in Acetonitrile	<b>PS-425</b>	<b>Bensulide</b> F2383JS 1000ug/ml in Methanol F2383RPS 1000ug/ml in Methanol PS-425AJS 100ug/ml in Acetonitrile	<b>PS-504</b>	<b>Vernolate</b> F2213JS 100ug/ml in MTBE F2213RPS 100ug/ml in MTBE PS-504AJS 100ug/ml in Acetonitrile
<b>PS-407</b>	<b>Tebuthiuron</b> F2243JS 100ug/ml in MTBE F2243RPS 100ug/ml in MTBE PS-407AJS 100ug/ml in Acetonitrile	<b>PS-426</b>	<b>Bromoxynil</b> F2093JS 100ug/ml in Methanol F2093RPS 100ug/ml in Methanol	<b>PS-506</b>	<b>Tri-allate</b> PS-506JS 100ug/ml in Isooctane PS-506AJS 100ug/ml in Acetonitrile
<b>PS-408</b>	<b>Ethalfuralin</b> F2365JS 1000ug/ml in Hexane F2365RPS 1000ug/ml in Hexane PS-408AJS 100ug/ml in Acetonitrile	<b>PS-427</b>	<b>Diphenylamine</b> F992JS 100ug/ml in Methanol F992RPS 100ug/ml in Methanol	<b>PS-507</b>	<b>Di-allate</b> F988JS 100ug/ml in Methanol F988RPS 100ug/ml in Methanol

## Chem Service Pesticide Standards - Solution Listing

JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml	
<b>PS-540</b>	<b>Barban</b>			<b>PS-609</b>	<b>Monocrotophos</b>			<b>PS-658</b>	<b>Dioxathion</b>		
F2091JS	100ug/ml in Methanol			F2122JS	100ug/ml in Toluene			F2110JS	100ug/ml in Methanol		
F2091RPS	100ug/ml in Methanol			F2122RPS	100ug/ml in Toluene			F2110RPS	100ug/ml in Methanol		
				PS-609AJS	100ug/ml in Acetonitrile						
<b>PS-541</b>	<b>2,3,5-Trimethylphenyl methyl carbamate</b>			<b>PS-610</b>	<b>Paraoxon</b>			<b>PS-659</b>	<b>Dimethoate</b>		
PS-541JS	100ug/ml in Toluene			PS-610JS	100ug/ml in Toluene			F989JS	100ug/ml in Methanol		
PS-541AJS	100ug/ml in Acetonitrile			PS-610AJS	100ug/ml in Acetonitrile			F989RPS	100ug/ml in Methanol		
<b>PS-542</b>	<b>3,4,5-Trimethylphenyl methyl carbamate</b>			<b>PS-611</b>	<b>Tetrachlorvinphos</b>			<b>PS-661</b>	<b>Demeton O</b>		
				F2069JS	100ug/ml in Methylene chloride			PS-661JS	100ug/ml in Toluene		
				F2069RPS	100ug/ml in Methylene chloride			PS-661AJS	100ug/ml in Acetonitrile		
				PS-611AJS	100ug/ml in Acetonitrile						
<b>PS-543</b>	<b>Methiocarb</b>			<b>PS-612</b>	<b>Phenamiphos</b>			<b>PS-661/662</b>	<b>Demeton O&amp;S</b>		
F2042JS	100ug/ml in Methanol			F2246JS	100ug/ml in MTBE			PS-661/662JS	100ug/ml in Toluene		
F2042RPS	100ug/ml in Methanol			F2246RPS	100ug/ml in MTBE			PS-661/662AJS	100ug/ml in Acetonitrile		
<b>PS-550</b>	<b>Terbutol</b>			<b>PS-612AJS</b>	100ug/ml in Acetonitrile						
PS-550JS	100ug/ml in Toluene										
PS-550AJS	100ug/ml in Acetonitrile			<b>PS-613</b>	<b>Dimethyl-p-nitrophenyl phosphate</b>			<b>PS-662</b>	<b>Demeton S</b>		
				F2245JS	100ug/ml in MTBE			F2059JS	100ug/ml in Toluene		
				F2245RPS	100ug/ml in MTBE			F2059RPS	100ug/ml in Toluene		
				PS-613AJS	100ug/ml in Acetonitrile			PS-662AJS	100ug/ml in Acetonitrile		
<b>PS-551</b>	<b>Baygon®</b>										
F2045JS	100ug/ml in Acetonitrile										
F2045RPS	100ug/ml in Acetonitrile										
PS-551JS	100ug/ml in Toluene										
<b>PS-553</b>	<b>Devrinol®</b>										
F2238JS	100ug/ml in MTBE										
F2238RPS	100ug/ml in MTBE										
PS-553AJS	100ug/ml in Acetonitrile										
<b>PS-561</b>	<b>2,3,5-Triiodobenzoic acid</b>										
PS-561JS	100ug/ml in MTBE										
PS-561AJS	100ug/ml in Acetonitrile										
<b>PS-562</b>	<b>S.S.S-Tributylphosphoro trithioate</b>										
F2214JS	100ug/ml in MTBE										
F2214RPS	100ug/ml in MTBE										
PS-562AJS	100ug/ml in Acetonitrile										
<b>PS-601</b>	<b>Tetraethylpyrophosphate</b>										
<b>PS-602</b>	<b>Dicrotophos</b>										
F2104JS	100ug/ml in Methanol										
F2104RPS	100ug/ml in Methanol										
<b>PS-603</b>	<b>Crotoxyphos</b>										
F2101JS	100ug/ml in Methanol										
F2101RPS	100ug/ml in Methanol										
<b>PS-605</b>	<b>Naled</b>										
F2067JS	100ug/ml in Toluene										
F2067RPS	100ug/ml in Toluene										
PS-605JS	100ug/ml in Acetonitrile										
<b>PS-606</b>	<b>Phosphamidon</b>										
F2130JS	100ug/ml in Toluene										
F2130RPS	100ug/ml in Toluene										
PS-606JS	100ug/ml in Acetonitrile										
<b>PS-607</b>	<b>Ruelene®</b>										
PS-607JS	100ug/ml in Toluene										
PS-607AJS	100ug/ml in Acetonitrile										
<b>PS-608</b>	<b>Dylox®</b>										
F2215JS	100ug/ml in Acetonitrile										
F2215RPS	100ug/ml in Acetonitrile										
PS-608JS	100ug/ml in Toluene										

## Chem Service Pesticide Standards - Solution Listing

	JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml
<b>PS-673</b>	<b>Guthion Ethyl</b>		<b>PS-695</b>	<b>o.p'-DDE</b>		<b>PS-739</b>	<b>Bendiocarb</b>	
F2421JS	100ug/ml in Hexane		F2306JS	100ug/ml in Methanol		F2387JS	1000ug/ml in Acetonitrile	
F2421RPS	1000ug/ml in Hexane		F2306RPS	100ug/ml in Methanol		F2387RPS	1000ug/ml in Acetonitrile	
PS-673AJS	100ug/ml in Acetonitrile					PS-739JS	100ug/ml in Toluene	
<b>PS-674</b>	<b>Chlorpyrifos</b>		<b>PS-696</b>	<b>p.p'-DDE</b>		<b>PS-751</b>	<b>Aminocarb</b>	
F2057JS	100ug/ml in Isooctane		F93JS	100ug/ml in Methanol		F2370JS	1000ug/ml in Acetonitrile	
F2057RPS	100ug/ml in Isooctane		F93RPS	100ug/ml in Methanol		F2370RPS	1000ug/ml in Acetonitrile	
PS-674AJS	100ug/ml in Acetonitrile					PS-751JS	100ug/ml in Toluene	
<b>PS-675</b>	<b>Akton®</b>		<b>PS-698</b>	<b>o.p'-DDT</b>		<b>PS-754</b>	<b>Carbofuran</b>	
PS-675JS	100ug/ml in Toluene		F2307JS	100ug/ml in Methanol		F2006JS	100ug/ml in Methanol	
PS-675AJS	100ug/ml in Acetonitrile		F2307RPS	100ug/ml in Methanol		F2006RPS	100ug/ml in Methanol	
<b>PS-676</b>	<b>Methamidophos</b>		<b>PS-699</b>	<b>p.p'-DDT</b>		<b>PS-756</b>	<b>Zectran</b>	
PS-676JS	100ug/ml in Toluene		F92JS	100ug/ml in Hexane		F2559JS	1000ug/ml in Acetonitrile	
PS-676AJS	100ug/ml in Acetonitrile		F92RPS	100ug/ml in Hexane		F2559RPS	1000ug/ml in Acetonitrile	
			PS-699JS	100ug/ml in Methanol		PS-756JS	100ug/ml in Toluene	
<b>PS-676-1</b>	<b>N-Methyl-methamidophos</b>		<b>PS-700</b>	<b>Heptachlor epoxide (Isomer B)</b>		<b>PS-757</b>	<b>Pirimicarb</b>	
PS-676-1JS	100ug/ml in Toluene		F101JS	100ug/ml in Methanol		PS-757JS	100ug/ml in Toluene	
PS-676-1AJS	100ug/ml in Acetonitrile		F101RPS	100ug/ml in Methanol		PS-757AJS	100ug/ml in Acetonitrile	
<b>PS-677</b>	<b>Leptophos</b>		<b>PS-700-1</b>	<b>trans-Heptachlor epoxide</b>		<b>PS-758</b>	<b>Permethrin</b>	
PS-677JS	100ug/ml in Toluene		PS-700-1JS	100ug/ml in Methanol		F2216JS	100ug/ml in MTBE	
PS-677AJS	100ug/ml in Acetonitrile					F22216RPS	100ug/ml in MTBE	
<b>PS-678</b>	<b>Fenitrothion</b>		<b>PS-701</b>	<b>Kepone®</b>		PS-758AJS	100ug/ml in Acetonitrile	
F2423JS	1000ug/ml in Hexane		F2441JS	1000ug/ml in MTBE		<b>PS-758-1</b>	<b>cis-Permethrin</b>	
F2423RPS	1000ug/ml in Hexane		F2441RPS	1000ug/ml in MTBE		PS-758-1JS	100ug/ml in MTBE	
PS-678AJS	100ug/ml in Acetonitrile		F2441AJS	100ug/ml in Hexane		PS-758-1AJS	100ug/ml in Acetonitrile	
			F2441ARPS	100ug/ml in Hexane				
<b>PS-679</b>	<b>Methidathion</b>		PS-701AJS	100ug/ml in Acetonitrile		<b>PS-758-2</b>	<b>trans-Permethrin (Isomeric Mix)</b>	
PS-679JS	100ug/ml in Toluene					PS-758-2JS	100ug/ml in MTBE	
PS-679AJS	100ug/ml in Acetonitrile		<b>PS-702</b>	<b>Mirex</b>		PS-758-2AJS	100ug/ml in Acetonitrile	
<b>PS-680</b>	<b>Terbufos</b>		F2121JS	1000ug/ml in Methanol				
F2137JS	100ug/ml in Methanol		F2121RPS	1000ug/ml in Methanol		<b>PS-775</b>	<b>Methomyl</b>	
F2137RPS	100ug/ml in Methanol					F2043JS	100ug/ml in Acetonitrile	
<b>PS-681</b>	<b>Isazophos</b>		<b>PS-704</b>	<b>Isobenzan</b>		F2043RPS	100ug/ml in Acetonitrile	
PS-681JS	100ug/ml in Toluene		PS-704JS	100ug/ml in Methanol		PS-775JS	100ug/ml in Toluene	
PS-681AJS	100ug/ml in Acetonitrile					<b>PS-790</b>	<b>S-Bioallethrin</b>	
<b>PS-682</b>	<b>Phosalone</b>		<b>PS-730</b>	<b>2-[2-Butoxyethoxy]ethyl thiocyanate</b>		PS-790JS	100ug/ml in MTBE	
F2128JS	100ug/ml in Methanol		F2390JS	1000ug/ml in Hexane		PS-790AJS	100ug/ml in Acetonitrile	
F2128RPS	100ug/ml in Methanol		F2390RPS	1000ug/ml in Hexane				
<b>PS-690</b>	<b>Hexachlorobenzene</b>		PS-730AJS	100ug/ml in Acetonitrile		<b>PS-791</b>	<b>Bioallethrin</b>	
F9JS	100ug/ml in Methanol					PS-791JS	100ug/ml in MTBE	
F9RPS	100ug/ml in Methanol		<b>PS-731</b>	<b>Isobornyl thiocanoacetate</b>		PS-791AJS	100ug/ml in Acetonitrile	
F9AJS	1000ug/ml in Isooctane		PS-731JS	100ug/ml in Toluene		<b>PS-801</b>	<b>Phenyl-2-thiourea</b>	
F9ARPS	1000ug/ml in Isooctane		PS-731AJS	100ug/ml in Acetonitrile		PS-801JS	100ug/ml in Toluene	
<b>PS-691</b>	<b>BHC beta isomer</b>		<b>PS-733</b>	<b>Phenothiazine</b>		PS-801AJS	100ug/ml in Acetonitrile	
F103JS	100ug/ml in Toluene		PS-733JS	100ug/ml in Toluene		<b>PS-803</b>	<b>Zinc phosphate</b>	
F103RPS	100ug/ml in Toluene		PS-733AJS	100ug/ml in Acetonitrile		PS-803JS	100ug/ml in Toluene	
<b>PS-692</b>	<b>BHC alpha isomer</b>		<b>PS-734</b>	<b>Aldicarb</b>		PS-803AJS	100ug/ml in H <sub>2</sub> O	
F102JS	100ug/ml in Toluene		F2002JS	100ug/ml in Methanol		<b>PS-804</b>	<b>Thallium sulfate</b>	
F102RPS	100ug/ml in Toluene		F2002RPS	100ug/ml in Methanol		PS-803JS	100ug/ml in Toluene	
<b>PS-693</b>	<b>BHC delta isomer</b>		<b>PS-737</b>	<b>OxamyI</b>		PS-803AJS	100ug/ml in H <sub>2</sub> O	
F105JS	100ug/ml in Toluene		F2044JS	100ug/ml in Acetonitrile		<b>PS-840</b>	<b>Chlordimeform</b>	
F105RPS	100ug/ml in Toluene		F2044AJS	100ug/ml in Acetonitrile		PS-840JS	100ug/ml in Toluene	
<b>PS-694</b>	<b>o.p'-DDD</b>		PS-737JS	100ug/ml in Toluene		PS-840AJS	100ug/ml in Acetonitrile	
F2305JS	100ug/ml in Methanol		<b>PS-738</b>	<b>Acephate</b>		<b>PS-842</b>	<b>Phosfolan</b>	
F2305RPS	100ug/ml in Methanol		F2440JS	1000ug/ml in Acetone		PS-842JS	100ug/ml in Toluene	
			F2440RPS	1000ug/ml in Acetone		PS-842AJS	100ug/ml in Acetonitrile	
			PS-738AJS	100ug/ml in Acetonitrile				

## Chem Service Pesticide Standards - Solution Listing

JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml	
<b>PS-850</b>	<b>Aramite</b> <b>(0.1mg/ml in Hexane)</b>			<b>PS-905</b>	<b>2-Pivaloyl-1.3-indandione</b> PS-905JS 100ug/ml in Toluene PS-905AJS 100ug/ml in Acetonitrile	<b>PS-1005</b>	<b>Amitraz</b> PS-1005JS 100ug/ml in Toluene PS-1005AJS 100ug/ml in Acetonitrile				
<b>PS-851</b>	<b>Azobenzene</b> F2007JS 100ug/ml in Methanol F2007RPS 100ug/ml in Methanol			<b>PS-906</b>	<b>Di-n-propyl isocinchomeronate</b> F2381JS 1000ug/ml in Methanol F2381RPS 1000ug/ml in Methanol	<b>PS-1006</b>	<b>Diethyl ethyl</b> PS-1006JS 100ug/ml in Methanol				
<b>PS-853</b>	<b>Chlorbenside</b> PS-853JS 100ug/ml in Toluene PS-853AJS 100ug/ml in Acetonitrile			<b>PS-907</b>	<b>Butylmesityl oxide oxalate</b> PS-907JS 100ug/ml in Toluene PS-907AJS 100ug/ml in Acetonitrile	<b>PS-1008</b>	<b>Ancymidol</b> PS-1008JS 100ug/ml in Methanol				
<b>PS-854</b>	<b>Chlorobenzilate</b> F986JS 100ug/ml in Hexane F986RPS 100ug/ml in Hexane PS-854AJS 100ug/ml in Acetonitrile			<b>PS-908</b>	<b>Butoxypolypropylene glycol</b> PS-908JS 100ug/ml in Methanol	<b>PS-1009</b>	<b>Asulam</b> F2217JS 100ug/ml in Methanol F2217RPS 100ug/ml in Methanol				
<b>PS-855</b>	<b>Ovex</b> PS-855JS 100ug/ml in Hexane PS-855AJS 100ug/ml in Acetonitrile			<b>PS-910</b>	<b>MGK R-11®</b> PS-910JS 100ug/ml in Toluene PS-910AJS 100ug/ml in Acetonitrile	<b>PS-1010</b>	<b>4-AP</b> PS-1010JS 100ug/ml in Methanol				
<b>PS-856</b>	<b>2.4-Dichlorophenyl benzenesulfonate</b> PS-856JS 100ug/ml in Toluene PS-856AJS 100ug/ml in Acetonitrile			<b>PS-911</b>	<b>2-Isovaleryl-1.3-indanedione</b> PS-911JS 100ug/ml in Toluene PS-911AJS 100ug/ml in Acetonitrile	<b>PS-1011</b>	<b>Bentazon</b> F2038JS 100ug/ml in Acetone F2038RPS 100ug/ml in Acetone F2038AJS 1000ug/ml in Acetonitrile F2038ARPS 1000ug/ml in Acetonitrile				
<b>PS-857</b>	<b>Isopropyl-4.4'-dichlorobenzilate</b> F2289JS 1000ug/ml in Isooctane F2289RPS 1000ug/ml in Isooctane PS-857AJS 100ug/ml in Acetonitrile			<b>PS-926</b>	<b>9.10-Anthraquinone</b> PS-926JS 100ug/ml in Methanol	<b>PS-1012</b>	<b>Fluchloralin</b> F2391JS 1000ug/ml in Hexane F2391RPS 1000ug/ml in Hexane PS-1012AJS 100ug/ml in Acetonitrile				
<b>PS-858</b>	<b>Omite®</b> PS-858JS 100ug/ml in Toluene PS-858AJS 100ug/ml in Acetonitrile			<b>PS-940</b>	<b>4-Allyl-2-methoxyphenol</b> PS-940JS 100ug/ml in Methanol	<b>PS-1013</b>	<b>Triadimefon</b> F2218JS 100ug/ml in MTBE F2218RPS 100ug/ml in MTBE PS-1013AJS 100ug/ml in Acetonitrile				
<b>PS-860</b>	<b>Quinomethionate</b> PS-860JS 100ug/ml in Toluene PS-860AJS 100ug/ml in Acetonitrile			<b>PS-951</b>	<b>2-Undecanone</b> PS-951JS 100ug/ml in 90% Methanol:10% H <sub>2</sub> O	<b>PS-1014</b>	<b>Phenmedipham</b> PS-1014JS 100ug/ml in Toluene PS-1014AJS 100ug/ml in Acetonitrile				
<b>PS-862</b>	<b>Pentac®</b> PS-860JS 100ug/ml in Methanol			<b>PS-952</b>	<b>2-Hydroxyethyl-n-octyl sulphide</b> PS-952JS 100ug/ml in Methanol	<b>PS-1015</b>	<b>Desmedipham</b> PS-1015JS 100ug/ml in Methanol				
<b>PS-900</b>	<b>Di-n-butylphthalate</b> F68JS 100ug/ml in Hexane F68RPS 100ug/ml in Hexane PS-900AJS 100ug/ml in Acetonitrile			<b>PS-960</b>	<b>Piprotal</b> PS-960JS 100ug/ml in Methanol	<b>PS-1016</b>	<b>Acifluorfen</b> F2037JS 100ug/ml in Acetone F2037RPS 100ug/ml in Acetone PS-1016AJS 100ug/ml in Acetonitrile				
<b>PS-901</b>	<b>Dimethylphthalate</b> F71JS 100ug/ml in Methanol F71RPS 100ug/ml in Methanol F71AJS 100ug/ml in Ethyl acetate F71ARPS 100ug/ml in Ethyl acetate			<b>PS-962</b>	<b>MGK 264®</b> F2239JS 100ug/ml in MTBE F2239RPS 100ug/ml in MTBE PS-962AJS 100ug/ml in Acetonitrile	<b>PS-1017</b>	<b>Benthiocarb</b> PS-1017JS 100ug/ml in Methanol				
<b>PS-902</b>	<b>N.N-Diethyl-m-toluamide</b> F2284JS 2000ug/ml in Acetone F2284RPS 2000ug/ml in Acetone PS-902AJS 100ug/ml in Acetonitrile			<b>PS-976</b>	<b>Sulfoxide</b> F2132JS 100ug/ml in Methanol F2132RPS 100ug/ml in Methanol	<b>PS-1018</b>	<b>Sulprofos</b> F2056JS 100ug/ml in Hexane F2056RPS 100ug/ml in Hexane PS-1018AJS 100ug/ml in Acetonitrile				
<b>PS-903</b>	<b>Dibutyl succinate</b> PS-903JS 100ug/ml in Toluene PS-903AJS 100ug/ml in Acetonitrile			<b>PS-1000</b>	<b>Resmethrin</b> F2293JS 100ug/ml in MTBE F2293RPS 100ug/ml in MTBE PS-1000AJS 100ug/ml in Acetonitrile	<b>PS-1020</b>	<b>Chlorothalonil</b> F2220JS 100ug/ml in MTBE F2220RPS 100ug/ml in MTBE PS-1020AJS 100ug/ml in Acetonitrile				
<b>PS-904</b>	<b>Benzyl benzoate</b> F1093JS 2000ug/ml in Hexane F1093RPS 2000ug/ml in Hexane F1093AJS 5000ug/ml in Hexane F1093ARPS 5000ug/ml in Hexane PS-904AJS 100ug/ml in Acetonitrile			<b>PS-1001</b>	<b>Amdro</b> PS-1001JS 100ug/ml in Hexane PS-1001AJS 100ug/ml in Acetonitrile	<b>PS-1021</b>	<b>Phentioacetate</b> PS-1021JS 100ug/ml in Toluene PS-1021AJS 100ug/ml in Acetonitrile				
				<b>PS-1002</b>	<b>Cycloheximide</b> PS-1002JS 100ug/ml in Toluene PS-1002AJS 100ug/ml in Acetonitrile	<b>PS-1022</b>	<b>Chlorflurecol-methyl ester</b> PS-1022JS 100ug/ml in Methanol				
				<b>PS-1003</b>	<b>Isofenphos</b> PS-1003JS 100ug/ml in Toluene PS-1003AJS 100ug/ml in Acetonitrile	<b>PS-1024</b>	<b>Profenofos</b> PS-1024JS 100ug/ml in Hexane PS-1024AJS 100ug/ml in Acetonitrile				
				<b>PS-1004</b>	<b>Butralin</b> PS-1004JS 100ug/ml in Isooctane PS-1004AJS 100ug/ml in Acetonitrile						



## Chem Service Pesticide Standards - Solution Listing

	JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml
<b>PS-1025</b>	<b>Cythioate</b>		<b>PS-1049</b>	<b>Vinclozolin</b>		<b>PS-1070</b>	<b>Sonar<sup>®</sup></b>	
PS-1025JS	100ug/ml in Toluene		PS-1049JS	100ug/ml in Isooctane		F2231JS	100ug/ml in MTBE	
PS-1025AJS	100ug/ml in Acetonitrile		PS-1049AJS	100ug/ml in Acetonitrile		F2231RPS	100ug/ml in MTBE	
						PS-1070AJS	100ug/ml in Acetonitrile	
<b>PS-1026</b>	<b>Mephosfolan</b>		<b>PS-1050</b>	<b>Oxadiazon</b>		<b>PS-1071</b>	<b>tau-Fluvalinate</b>	
PS-1026JS	100ug/ml in Toluene		PS-1050JS	100ug/ml in Toluene		PS-1071JS	100ug/ml in Isooctane	
PS-1026AJS	100ug/ml in Acetonitrile		PS-1050AJS	100ug/ml in Acetonitrile		PS-1071AJS	100ug/ml in Acetonitrile	
<b>PS-1028</b>	<b>Diflubenzuron</b>		<b>PS-1051</b>	<b>Glyphosate</b>		<b>PS-1072</b>	<b>Flucythrinate</b>	
PS-1028JS	100ug/ml in Toluene		PS-1051JS	100ug/ml in Toluene		PS-1072JS	100ug/ml in Toluene	
PS-1028AJS	100ug/ml in Acetonitrile		PS-1051AJS	100ug/ml in H <sub>2</sub> O		PS-1072AJS	100ug/ml in Acetonitrile	
<b>PS-1030</b>	<b>d-(cis-trans)-Phenothrin</b>		<b>PS-1052</b>	<b>Iprodione</b>		<b>PS-1073</b>	<b>Fenarimol</b>	
F2458JS	1000ug/ml in Acetonitrile		PS-1052JS	100ug/ml in Toluene		F2230JS	100ug/ml in MTBE	
F2458RPS	1000ug/ml in Acetonitrile		PS-1052AJS	100ug/ml in Acetonitrile		F2230RPS	100ug/ml in MTBE	
PS-1030JS	100ug/ml in Toluene					PS-1073AJS	100ug/ml in Acetonitrile	
<b>PS-1031</b>	<b>Fentin hydroxide</b>		<b>PS-1054</b>	<b>Aldicarb sulfoxide</b>		<b>PS-1074</b>	<b>Sulfometuron methyl</b>	
PS-1031JS	100ug/ml in Toluene		F2004JS	100ug/ml in Acetonitrile		PS-1074JS	100ug/ml in Toluene	
PS-1031AJS	100ug/ml in Acetonitrile		F2004RPS	100ug/ml in Acetonitrile		PS-1074AJS	100ug/ml in Acetonitrile	
			PS-1054JS	100ug/ml in Toluene				
<b>PS-1032</b>	<b>Sanmarton</b>		<b>PS-1055</b>	<b>Aldoxycarb</b>		<b>PS-1075</b>	<b>Tilt<sup>®</sup></b>	
F2459JS	1000ug/ml in Acetonitrile		F2003JS	100ug/ml in Methanol		PS-1075JS	100ug/ml in Cyclohexane	
F2459RPS	1000ug/ml in Acetonitrile		F2003RPS	100ug/ml in Methanol		PS-1075AJS	100ug/ml in Acetonitrile	
PS-1032JS	100ug/ml in Toluene							
<b>PS-1033</b>	<b>Oxyfluorfen</b>		<b>PS-1056</b>	<b>Brodifacoum</b>		<b>PS-1076</b>	<b>Safrotin<sup>®</sup></b>	
PS-1033JS	100ug/ml in Methanol		PS-1056JS	100ug/ml in Toluene		PS-1076JS	100ug/ml in Toluene	
			PS-1056AJS	100ug/ml in Acetonitrile		PS-1076AJS	100ug/ml in Acetonitrile	
<b>PS-1035</b>	<b>Hexachlorophene</b>		<b>PS-1057</b>	<b>Thiabendazole<sup>®</sup></b>		<b>PS-1077</b>	<b>Carbendazim</b>	
F995JS	100ug/ml in Methanol		F2389JS	1000ug/ml in Methanol		F2369JS	100ug/ml in Methanol	
F995RPS	100ug/ml in Methanol		F2389RPS	1000ug/ml in Methanol		F2369RPS	100ug/ml in Methanol	
<b>PS-1036</b>	<b>Diclofop methyl</b>		<b>PS-1059</b>	<b>Vacor</b>		<b>PS-1078</b>	<b>Metsulfuron methyl</b>	
PS-1036JS	100ug/ml in MTBE		PS-1059JS	100ug/ml in Toluene		PS-1078JS	100ug/ml in Toluene	
PS-1036AJS	100ug/ml in Acetonitrile		PS-1059AJS	100ug/ml in Acetonitrile		PS-1078AJS	100ug/ml in Acetonitrile	
<b>PS-1038</b>	<b>Super-Rozol</b>		<b>PS-1060</b>	<b>Fenbutatin-oxide</b>		<b>PS-1079</b>	<b>Hexythiazox</b>	
PS-1038JS	100ug/ml in Toluene		PS-1060JS	100ug/ml in Toluene		PS-1079JS	100ug/ml in Toluene	
PS-1038AJS	100ug/ml in Acetonitrile		PS-1060AJS	100ug/ml in Acetonitrile		PS-1079AJS	100ug/ml in Acetonitrile	
<b>PS-1040</b>	<b>Methoprene<sup>®</sup></b>		<b>PS-1062</b>	<b>Acarol<sup>®</sup></b>		<b>PS-1080</b>	<b>Quizalofop ethyl</b>	
F2292JS	1000ug/ml in MTBE		PS-1062JS	100ug/ml in Toluene		PS-1080JS	100ug/ml in Toluene	
F2292RPS	1000ug/ml in MTBE		PS-1062AJS	100ug/ml in Acetonitrile		PS-1080AJS	100ug/ml in Acetonitrile	
PS-1040AJS	100ug/ml in Acetonitrile							
<b>PS-1042</b>	<b>Tetramethrin</b>		<b>PS-1063</b>	<b>Carbosulfan</b>		<b>PS-1081</b>	<b>Chlorimuron ethyl</b>	
F2457JS	1000ug/ml in Acetonitrile		PS-1063JS	100ug/ml in Toluene		PS-1081JS	100ug/ml in Toluene	
F2457RPS	1000ug/ml in Acetonitrile		PS-1063AJS	100ug/ml in Acetonitrile		PS-1081AJS	100ug/ml in Acetonitrile	
PS-1042JS	100ug/ml in Toluene							
<b>PS-1044</b>	<b>Norflurazon<sup>®</sup></b>		<b>PS-1064</b>	<b>Baytan<sup>®</sup></b>		<b>PS-1082</b>	<b>Bensulfuron-methyl</b>	
F2240JS	100ug/ml in MTBE		PS-1064JS	100ug/ml in Toluene		PS-1082JS	100ug/ml in Toluene	
F2240RPS	100ug/ml in MTBE		PS-1064AJS	100ug/ml in Acetonitrile		PS-1082AJS	100ug/ml in Acetonitrile	
PS-1044AJS	100ug/ml in Acetonitrile							
<b>PS-1045</b>	<b>Ethofumesate</b>		<b>PS-1065</b>	<b>Chlorsulfuron</b>		<b>PS-1083</b>	<b>Beam<sup>®</sup></b>	
PS-1045JS	100ug/ml in Toluene		PS-1065JS	100ug/ml in Toluene		F2221JS	100ug/ml in MTBE	
PS-1045AJS	100ug/ml in Acetonitrile		PS-1065AJS	100ug/ml in Acetonitrile		F2221RPS	100ug/ml in MTBE	
						PS-1083AJS	100ug/ml in Acetonitrile	
<b>PS-1046</b>	<b>Baycarb<sup>®</sup></b>		<b>PS-1067</b>	<b>Cymoxanil</b>		<b>PS-1084</b>	<b>MCPB methyl ester</b>	
PS-1046JS	100ug/ml in Methanol		PS-1067JS	100ug/ml in Toluene		PS-1084JS	100ug/ml in MTBE	
			PS-1067AJS	100ug/ml in Acetonitrile		PS-1084AJS	100ug/ml in Acetonitrile	
<b>PS-1047</b>	<b>Mepiquat chloride</b>		<b>PS-1068</b>	<b>Cypermethrin</b>		<b>PS-1085</b>	<b>Banol</b>	
PS-1047JS	100ug/ml in Toluene		PS-1068JS	100ug/ml in Toluene		PS-1085JS	100ug/ml in Toluene	
PS-1047AJS	100ug/ml in H <sub>2</sub> O		PS-1068AJS	100ug/ml in Acetonitrile		PS-1085AJS	100ug/ml in Acetonitrile	
<b>PS-1048</b>	<b>1,8-Naphthalic anhydride</b>		<b>PS-1069</b>	<b>Lontrel<sup>®</sup></b>		<b>PS-1086</b>	<b>Dodemorph</b>	
PS-1048JS	100ug/ml in Toluene		PS-1069JS	100ug/ml in MTBE		PS-1086JS	100ug/ml in Methanol	
PS-1048AJS	100ug/ml in Acetonitrile		PS-1069AJS	100ug/ml in Acetonitrile				

## Chem Service Pesticide Standards - Solution Listing

JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml		JS = 1ml		RPS = 5x1ml	
<b>PS-1087</b>	<b>Chlorfenvinphos</b>	<b>PS-1105</b>	<b>4-Chloro-o-tolyloxyacetic acid</b>	<b>PS-2005</b>	<b>Accent®</b>	F2097JS	100ug/ml in Methanol	F967JS	100ug/ml in Methanol	PS-2005JS	100ug/ml in Toluene
F2097RPS	100ug/ml in Methanol	F967RPS	100ug/ml in Methanol	PS-2005AJS	100ug/ml in Acetonitrile						
<b>PS-1088</b>	<b>Fenoxaprop ethyl</b>	<b>PS-1106</b>	<b>Mecoprop methyl ester</b>	<b>PS-2006</b>	<b>Sythane®</b>	PS-1088JS	100ug/ml in Methanol	F969JS	100ug/ml in Methanol	PS-2006JS	100ug/ml in Toluene
		F969RPS	100ug/ml in Methanol	PS-2006AJS	100ug/ml in Acetonitrile						
<b>PS-1090</b>	<b>Baythroid®</b>	<b>PS-1107</b>	<b>3,5-Dichlorobenzoic acid</b>	<b>PS-2007</b>	<b>Trichloronate</b>	F2460JS	1000ug/ml in Acetonitrile	F2034JS	2000ug/ml in MTBE	F2222JS	100ug/ml in Isopropanol
F2460RPS	1000ug/ml in Acetonitrile	F2034RPS	2000ug/ml in MTBE	F2222RPS	100ug/ml in Isopropanol	PS-1090JS	100ug/ml in Toluene	PS-1107AJS	100ug/ml in Acetonitrile	PS-2007AJS	100ug/ml in Acetonitrile
<b>PS-1091</b>	<b>Folicur®</b>	<b>PS-1108</b>	<b>Picloram methyl ester</b>	<b>PS-2008</b>	<b>Bromophos ethyl</b>	PS-1091JS	100ug/ml in Isooctane	F2155JS	100ug/ml in Methanol	PS-2008JS	100ug/ml in Hexane
PS-1091AJS	100ug/ml in Acetonitrile	F2155RPS	100ug/ml in Methanol	PS-2008AJS	100ug/ml in Acetonitrile						
<b>PS-1092</b>	<b>Tycor®</b>	<b>PS-1109</b>	<b>Pentachloroanisole</b>	<b>PS-2009</b>	<b>Bromophos methyl</b>	PS-1092JS	100ug/ml in Methanol	F2156JS	100ug/ml in Methanol	PS-2009JS	100ug/ml in Hexane
		F2156RPS	100ug/ml in Methanol	PS-2009AJS	100ug/ml in Acetonitrile						
<b>PS-1093</b>	<b>Baycor®</b>	<b>PS-1110</b>	<b>Triclopyr methyl ester</b>	<b>PS-2010</b>	<b>Quinalphos</b>	PS-1093JS	100ug/ml in Toluene	PS-1110JS	100ug/ml in MTBE	PS-2010JS	100ug/ml in Toluene
PS-1093AJS	100ug/ml in Acetonitrile	PS-1110AJS	100ug/ml in Acetonitrile	PS-2010AJS	100ug/ml in Acetonitrile						
<b>PS-1094</b>	<b>Tokuthion®</b>	<b>PS-1111</b>	<b>Acifluorfen methyl ester</b>	<b>PS-2011</b>	<b>Pinnacle®</b>	F2070JS	1000ug/ml in Toluene	F2224JS	100ug/ml in Isooctane: Acetone (90:10)	PS-2011JS	100ug/ml in Toluene
F2070RPS	1000ug/ml in Toluene	F2224RPS	100ug/ml in Isooctane: Acetone (90:10)	PS-2011AJS	100ug/ml in Acetonitrile	PS-1094JS	100ug/ml in Acetonitrile				
<b>PS-1095</b>	<b>Monceren®</b>	<b>PS-1112</b>	<b>Bentazon methyl derivative</b>	<b>PS-2012</b>	<b>Thiodicarb</b>	PS-1095JS	100ug/ml in Toluene	F2244JS	100ug/ml in Isooctane: Acetone (90:10)	PS-2012JS	100ug/ml in Toluene
PS-1095AJS	100ug/ml in Acetonitrile	F2244RPS	100ug/ml in Isooctane: Acetone (90:10)	PS-2012AJS	100ug/ml in Acetonitrile						
<b>PS-1096</b>	<b>Metasystox I®</b>	<b>PS-1113</b>	<b>Chloramben methyl ester</b>	<b>PS-2013</b>	<b>Sethoxydim</b>	PS-1096JS	100ug/ml in Toluene	PS-1113JS	100ug/ml in Isooctane: Acetone (90:10)	PS-2013JS	100ug/ml in Toluene
PS-1096AJS	100ug/ml in Acetonitrile	F2226RPS	100ug/ml in Isooctane: Acetone (90:10)	PS-2013AJS	100ug/ml in Acetonitrile						
<b>PS-1097</b>	<b>Fluazifop-p-butyl</b>	<b>PS-1114</b>	<b>3,5-Dichlorobenzoic acid methyl ester</b>	<b>PS-2014</b>	<b>Triforine</b>	PS-1097JS	100ug/ml in Toluene	F2223JS	2000ug/ml in MTBE	PS-2014JS	100ug/ml in Toluene
PS-1097AJS	100ug/ml in Acetonitrile	F2223RPS	2000ug/ml in MTBE	PS-2014AJS	100ug/ml in Acetonitrile			F2223RPS	2000ug/ml in MTBE		
		PS-1114AJS	100ug/ml in Acetonitrile					PS-1114AJS	100ug/ml in Acetonitrile		
<b>PS-1098</b>	<b>Swep</b>	<b>PS-2000</b>	<b>Isoproturon</b>	<b>PS-2015</b>	<b>Clofentezine</b>	F2378JS	1000ug/ml in Acetonitrile	PS-2000JS	100ug/ml in Toluene	PS-2015JS	100ug/ml in Methanol
F2378RPS	1000ug/ml in Acetonitrile	PS-2000AJS	100ug/ml in Acetonitrile			PS-1098JS	100ug/ml in Toluene				
<b>PS-1099</b>	<b>MetalaxyI</b>	<b>PS-2001</b>	<b>Command</b>	<b>PS-2016</b>	<b>Imazapyr®</b>	PS-1099JS	100ug/ml in Toluene	PS-2001JS	100ug/ml in Methanol	PS-2016JS	100ug/ml in MTBE
PS-1099AJS	100ug/ml in Acetonitrile	PS-2001AJS	100ug/ml in Methanol	PS-2016AJS	100ug/ml in Acetonitrile						
<b>PS-1100</b>	<b>Dalapon methyl ester</b>	<b>PS-2002</b>	<b>Fenpropathrin</b>	<b>PS-2017</b>	<b>Omethoate</b>	F957JS	100ug/ml in Methanol	PS-2002JS	100ug/ml in MTBE	PS-2017JS	100ug/ml in Toluene
F957RPS	100ug/ml in Methanol	PS-2002AJS	100ug/ml in Acetonitrile	PS-2017AJS	100ug/ml in Acetonitrile			PS-2002AJS	100ug/ml in Acetonitrile		
<b>PS-1101</b>	<b>2,4-DB methyl ester</b>	<b>PS-2003</b>	<b>Bifenthrin</b>	<b>PS-2018</b>	<b>lambda-Cyhalothrin</b>	F959JS	100ug/ml in Methanol	PS-2003JS	100ug/ml in MTBE	PS-2018JS	100ug/ml in Hexane
F959RPS	100ug/ml in Methanol	PS-2003AJS	100ug/ml in Acetonitrile	PS-2018AJS	100ug/ml in Acetonitrile						
<b>PS-1102</b>	<b>Dicamba methyl ester</b>	<b>PS-2004</b>	<b>Asana®</b>	<b>PS-2019</b>	<b>Busan 40</b>	F961JS	100ug/ml in Methanol	PS-2004JS	100ug/ml in MTBE	PS-2019JS	100ug/ml in Toluene
F961RPS	100ug/ml in Methanol	PS-2004AJS	100ug/ml in MTBE	PS-2019AJS	100ug/ml in H <sub>2</sub> O						
<b>PS-1103</b>	<b>Dichlorprop methyl ester</b>			<b>PS-2020</b>	<b>Busan 85</b>	F963JS	100ug/ml in Methanol	PS-2003AJS	100ug/ml in Acetonitrile	PS-2020JS	100ug/ml in Toluene
F963RPS	100ug/ml in Methanol			PS-2020AJS	100ug/ml in H <sub>2</sub> O						
<b>PS-1104</b>	<b>Dinoseb methyl ether</b>			<b>PS-2021</b>	<b>TCMTB</b>	F965JS	100ug/ml in Methanol			F2385JS	1000ug/ml in Methylene chloride
F965RPS	100ug/ml in Methanol									F2385RPS	1000ug/ml in Methylene chloride
										PS-2021AJS	100ug/ml in Acetonitrile

## Chem Service Pesticide Standards - Solution Listing

	JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml
<b>PS-2022</b>	<b>Dioxacarb</b>		<b>PS-2040</b>	<b>Acetochlor</b>		<b>PS-2058</b>	<b>Ethiofencarb</b>	
F2359JS	1000ug/ml in Methanol		PS-2040JS	1000ug/ml in Methanol		PS-2058JS	100ug/ml in Toluene	
F2359RPS	1000ug/ml in Methanol					PS-2058AJS	100ug/ml in Acetonitrile	
<b>PS-2023</b>	<b>Strobane®</b>		<b>PS-2041</b>	<b>Flusilazole</b>		<b>PS-2059</b>	<b>Fuberidazole</b>	
F2318JS	1000ug/ml in Isooctane		PS-2041JS	100ug/ml in Toluene		PS-2059JS	100ug/ml in Methanol	
F2318RPS	1000ug/ml in Isooctane		PS-2041AJS	100ug/ml in Acetonitrile				
PS-2023AJS	100ug/ml in Acetonitrile		<b>PS-2042</b>	<b>Triasulfuron</b>		<b>PS-2060</b>	<b>Tolyfluanid</b>	
			PS-2042JS	100ug/ml in Toluene		PS-2060JS	100ug/ml in Toluene	
<b>PS-2024</b>	<b>Sulfotep</b>		PS-2042AJS	100ug/ml in Acetonitrile		PS-2060AJS	100ug/ml in Acetonitrile	
F940JS	100ug/ml in Hexane		<b>PS-2043</b>	<b>Imazalil</b>		<b>PS-2061</b>	<b>Ethidimuron</b>	
F940RPS	100ug/ml in Hexane		PS-2043JS	100ug/ml in Hexane		PS-2061JS	100ug/ml in Toluene	
PS-2024AJS	100ug/ml in Acetonitrile		PS-2043AJS	100ug/ml in Acetonitrile		PS-2061AJS	100ug/ml in Acetonitrile	
<b>PS-2025</b>	<b>Phenthoate</b>		<b>PS-2043-1</b>	<b>Imazalil sulfate</b>		<b>PS-2062</b>	<b>Propineb</b>	
PS-2025JS	100ug/ml in Toluene		PS-2043-1JS	100ug/ml in Toluene		PS-2062JS	100ug/ml in Toluene	
PS-2025AJS	100ug/ml in Acetonitrile		PS-2043-1AJS	100ug/ml in H <sub>2</sub> O		PS-2062AJS	100ug/ml in Acetonitrile	
<b>PS-2026</b>	<b>Fosetyl-Aluminum</b>		<b>PS-2044</b>	<b>Thidiazuron</b>		<b>PS-2063</b>	<b>Azocyclotin</b>	
PS-2026JS	1000ug/ml in Methanol		PS-2044JS	100ug/ml in Toluene		PS-2063JS	100ug/ml in Methylene chloride	
			PS-2044AJS	100ug/ml in Acetonitrile		PS-2063AJS	100ug/ml in Acetonitrile	
<b>PS-2027</b>	<b>Promecarb</b>		<b>PS-2045</b>	<b>Clethodim</b>		<b>PS-2064</b>	<b>Pyrazoxyfen</b>	
F2358JS	1000ug/ml in Methanol		PS-2045JS	100ug/ml in Toluene		PS-2064JS	100ug/ml in Methanol	
F2358RPS	1000ug/ml in Methanol		PS-2045AJS	100ug/ml in Acetonitrile		<b>PS-2065</b>	<b>Iprobenfos</b>	
<b>PS-2028</b>	<b>Copper Naphthenates</b>		<b>PS-2046</b>	<b>Pyraclofos</b>		PS-2065JS	100ug/ml in Toluene	
PS-2028JS	100ug/ml in Toluene		PS-2046JS	100ug/ml in Toluene		PS-2065AJS	100ug/ml in Acetonitrile	
PS-2028AJS	100ug/ml in Acetonitrile		PS-2046AJS	100ug/ml in Acetonitrile		<b>PS-2066</b>	<b>Edifenphos</b>	
<b>PS-2029</b>	<b>2-Fluoroacetamide</b>		<b>PS-2047</b>	<b>Dichlofluanid</b>		PS-2066JS	100ug/ml in Toluene	
PS-2029JS	100ug/ml in Methanol		PS-2047JS	100ug/ml in Toluene		PS-2066AJS	100ug/ml in Acetonitrile	
<b>PS-2030</b>	<b>Metalddehyde</b>		PS-2047AJS	100ug/ml in Acetonitrile		<b>PS-2067</b>	<b>Buprofezin</b>	
PS-2030JS	100ug/ml in Toluene		<b>PS-2048</b>	<b>Methabenzthiazuron</b>		PS-2067JS	100ug/ml in Toluene	
PS-2030AJS	100ug/ml in Acetonitrile		PS-2048JS	100ug/ml in Toluene		PS-2067AJS	100ug/ml in Acetonitrile	
<b>PS-2031</b>	<b>Formaldehyde (in water)</b>	Not Available in Solution	PS-2048AJS	100ug/ml in Acetonitrile		<b>PS-2068</b>	<b>Abamectin</b>	
<b>PS-2032</b>	<b>Biphenyl</b>		<b>PS-2049</b>	<b>Pyrazophos</b>		PS-2068JS	100ug/ml in Toluene	
F940JS	100ug/ml in Hexane		PS-2049JS	100ug/ml in Toluene		PS-2068AJS	100ug/ml in Acetonitrile	
F940RPS	100ug/ml in Hexane		PS-2049AJS	100ug/ml in Acetonitrile		<b>PS-2069</b>	<b>Cartap hydrochloride</b>	
F2359JS	1000ug/ml in Methanol		<b>PS-2050</b>	<b>Mefluidide</b>		PS-2069JS	100ug/ml in Toluene	
F2359RPS	1000ug/ml in Methanol		PS-2050JS	100ug/ml in Methanol		PS-2069AJS	100ug/ml in H <sub>2</sub> O	
<b>PS-2033</b>	<b>Dicyclopentadiene</b>		<b>PS-2051</b>	<b>Kinoprene</b>		<b>PS-2070</b>	<b>Isoprocarb</b>	
PS-2033JS	100ug/ml in Isooctane		PS-2051JS	100ug/ml in Methanol		PS-2070JS	100ug/ml in Toluene	
PS-2033AJS	100ug/ml in Acetonitrile		<b>PS-2052</b>	<b>Dimethipin</b>		PS-2070AJS	100ug/ml in Acetonitrile	
<b>PS-2034</b>	<b>Cyanophos</b>		PS-2052JS	100ug/ml in Methanol		<b>PS-2071</b>	<b>Deltamethrin</b>	
PS-2034JS	100ug/ml in Toluene		<b>PS-2053</b>	<b>Imazaquin</b>		PS-2071JS	100ug/ml in MTBE	
PS-2034AJS	100ug/ml in Acetonitrile		PS-2053JS	100ug/ml in MTBE		PS-2071AJS	100ug/ml in Acetonitrile	
<b>PS-2035</b>	<b>Dithianon</b>		PS-2053AJS	100ug/ml in Acetonitrile		<b>PS-2072</b>	<b>Fenbuconazole</b>	
PS-2035JS	1000ug/ml in Methanol		<b>PS-2054</b>	<b>Dichlormid</b>		PS-2072JS	100ug/ml in Methanol	
<b>PS-2036</b>	<b>Formothion</b>		PS-2054JS	100ug/ml in Toluene		<b>PS-2073</b>	<b>Cyromazine</b>	
PS-2036JS	100ug/ml in Hexane		PS-2054AJS	100ug/ml in Acetonitrile		PS-2073JS	100ug/ml in Acetone	
PS-2036AJS	100ug/ml in Acetonitrile		<b>PS-2055</b>	<b>Methyl anthranilate</b>		PS-2073AJS	100ug/ml in Acetonitrile	
<b>PS-2037</b>	<b>Flamprop isopropyl</b>		PS-2055JS	100ug/ml in Methanol		<b>PS-2074</b>	<b>Hexaflumuron</b>	
PS-2037JS	100ug/ml in MTBE		<b>PS-2056</b>	<b>Sulfaquinoxaline</b>		PS-2070JS	100ug/ml in Toluene	
PS-2037AJS	100ug/ml in Acetonitrile		F2258JS	100ug/ml in Methanol		PS-2070AJS	100ug/ml in Acetonitrile	
<b>PS-2038</b>	<b>Flamprop-methyl</b>		F2258RPS	100ug/ml in Methanol		<b>PS-2075</b>	<b>Azadirachtin</b>	Not Available in Solution
PS-2038JS	100ug/ml in MTBE		<b>PS-2057</b>	<b>Flutolanil</b>				
PS-2038AJS	100ug/ml in Acetonitrile		PS-2057JS	100ug/ml in Methanol		<b>PS-2076</b>	<b>Uniconazole-P</b>	
<b>PS-2039</b>	<b>Imazethapyr</b>					PS-2076JS	100ug/ml in Methanol	
PS-2039JS	1000ug/ml in Methanol							

## Chem Service Pesticide Standards - Solution Listing

JS = 1ml    RPS = 5x1ml		JS = 1ml    RPS = 5x1ml		JS = 1ml    RPS = 5x1ml	
<b>PS-2077</b>	<b>Lactofen</b> PS-2077JS 100ug/ml in Toluene PS-2077AJS 100ug/ml in Acetonitrile	<b>PS-2097</b>	<b>Pacllobutrazol</b> PS-2097JS 100ug/ml in Toluene PS-2097AJS 100ug/ml in Acetonitrile	<b>PS-2115</b>	<b>Tralomethrin</b> PS-2115JS 100ug/ml in MTBE PS-2115AJS 100ug/ml in Acetonitrile
<b>PS-2078</b>	<b>Chlorotoluron</b> PS-2078JS 100ug/ml in Toluene PS-2078AJS 100ug/ml in Acetonitrile	<b>PS-2098</b>	<b>Quinclorac</b> PS-2098JS 100ug/ml in MTBE PS-2098AJS 100ug/ml in Acetonitrile	<b>PS-2116</b>	<b>Mecoprop-P</b> PS-2116JS 100ug/ml in MTBE PS-2116AJS 100ug/ml in Acetonitrile
<b>PS-2079</b>	<b>Benzoylprop ethyl</b> F2493JS 1000ug/ml in Acetonitrile F2493RPS 1000ug/ml in Acetonitrile PS-2079JS 100ug/ml in Toluene	<b>PS-2099</b>	<b>Tribenuron methyl</b> PS-2099JS 100ug/ml in Toluene PS-2099AJS 100ug/ml in Acetonitrile	<b>PS-2117</b>	<b>Metamitron</b> PS-2117JS 100ug/ml in Methanol
<b>PS-2080</b>	<b>Bioresmethrin</b> PS-2080JS 100ug/ml in MTBE PS-2080AJS 100ug/ml in Acetonitrile	<b>PS-2100</b>	<b>Phoxim</b> PS-2100JS 100ug/ml in Toluene PS-2100AJS 100ug/ml in Acetonitrile	<b>PS-2118</b>	<b>Rimsulfuron</b> PS-2116JS 100ug/ml in MTBE PS-2116AJS 100ug/ml in Acetonitrile
<b>PS-2081</b>	<b>Pyridate</b> PS-2081JS 100ug/ml in MTBE PS-2081AJS 100ug/ml in Acetonitrile	<b>PS-2101</b>	<b>Isoprothiolane</b> PS-2101JS 100ug/ml in MTBE PS-2101AJS 100ug/ml in Acetonitrile	<b>PS-2119</b>	<b>Flumiclorac-pentyl</b> PS-2119JS 100ug/ml in MTBE PS-2119AJS 100ug/ml in Acetonitrile
<b>PS-2082</b>	<b>Probenazole</b> PS-2082JS 100ug/ml in Methanol	<b>PS-2102</b>	<b>Fomesafen</b> PS-2102JS 100ug/ml in Methanol	<b>PS-2120</b>	<b>Terbumeton</b> PS-2120JS 100ug/ml in Methanol
<b>PS-2083</b>	<b>alpha-Cypermethrin</b> PS-2083JS 100ug/ml in Hexane PS-2083AJS 100ug/ml in Acetonitrile	<b>PS-2103</b>	<b>Isodrin</b> F921JS 100ug/ml in Methanol F921RPS 100ug/ml in Methanol	<b>PS-2121</b>	<b>Triflumizole</b> PS-2121JS 100ug/ml in Methanol
<b>PS-2084</b>	<b>Bitrex</b> ® PS-2084JS 100ug/ml in Toluene PS-2084AJS 100ug/ml in H <sub>2</sub> O	<b>PS-2104</b>	<b>Cyprazine</b> PS-2104JS 100ug/ml in Acetone PS-2104AJS 100ug/ml in Acetonitrile	<b>PS-2122</b>	<b>Methoprotryne</b> PS-2122JS 100ug/ml in MTBE PS-2122AJS 100ug/ml in Acetonitrile
<b>PS-2085</b>	<b>Chlorophacinone</b> PS-2085JS 100ug/ml in Toluene PS-2085AJS 100ug/ml in Acetonitrile	<b>PS-2105</b>	<b>Pyrazosulfuron-ethyl</b> PS-2105JS 100ug/ml in Toluene PS-2105AJS 100ug/ml in Acetonitrile	<b>PS-2123</b>	<b>Prosulfuron</b> PS-2123JS 100ug/ml in Toluene PS-2123AJS 100ug/ml in Acetonitrile
<b>PS-2086</b>	<b>Imidacloprid</b> PS-2086JS 100ug/ml in Methanol	<b>PS-2106</b>	<b>Bensultap</b> PS-2106JS 100ug/ml in Methanol	<b>PS-2124</b>	<b>Glufosinate-ammonium</b> PS-2124JS 100ug/ml in Toluene PS-2124AJS 100ug/ml in H <sub>2</sub> O
<b>PS-2087</b>	<b>Binapacryl</b> PS-2087JS 100ug/ml in MTBE PS-2087AJS 100ug/ml in Acetonitrile	<b>PS-2107</b>	<b>Trietazine</b> PS-2104JS 100ug/ml in Methylene chloride PS-2104AJS 100ug/ml in Acetonitrile	<b>PS-2125</b>	<b>Pyridaben</b> PS-2125JS 100ug/ml in Methanol
<b>PS-2089</b>	<b>Agribrom</b> PS-2089JS 100ug/ml in Toluene PS-2089AJS 100ug/ml in Acetonitrile	<b>PS-2108</b>	<b>Halosulfuron-methyl</b> PS-2108JS 100ug/ml in Toluene PS-2108AJS 100ug/ml in Acetonitrile	<b>PS-2126</b>	<b>Procymidone</b> PS-2126JS 100ug/ml in Toluene PS-2126AJS 100ug/ml in Acetonitrile
<b>PS-2090</b>	<b>Chloroxynil</b> PS-2090JS 100ug/ml in Methanol	<b>PS-2109</b>	<b>Prallethrin</b> PS-2109JS 100ug/ml in Isooctane PS-2109AJS 100ug/ml in Acetonitrile	<b>PS-2127</b>	<b>Ditalimfos</b> PS-2127JS 100ug/ml in Toluene PS-2127AJS 100ug/ml in Acetonitrile
<b>PS-2091</b>	<b>Copper-8-Quinolinolate</b> Not Available in Solution	<b>PS-2110</b>	<b>Pyriproxyfen</b> PS-2110JS 100ug/ml in Methanol	<b>PS-2128</b>	<b>Bronopol</b> PS-2128JS 100ug/ml in Methanol
<b>PS-2092</b>	<b>Cycloprate</b> F2520JS 1000ug/ml in MTBE F2520RPS 1000ug/ml in MTBE PS-2092JS 100ug/ml in Acetonitrile	<b>PS-2111</b>	<b>Flumetsulam</b> PS-2111JS 100ug/ml in Toluene PS-2111AJS 100ug/ml in Acetonitrile	<b>PS-2129</b>	<b>Isoxaben</b> PS-2129JS 100ug/ml in Methanol
<b>PS-2093</b>	<b>Coumatetralyl</b> PS-2093JS 100ug/ml in Methanol	<b>PS-2112</b>	<b>a-Chloralose</b> PS-2112JS 100ug/ml in Toluene PS-2112AJS 100ug/ml in Acetonitrile	<b>PS-2130</b>	<b>Cyproconazole</b> PS-2130JS 100ug/ml in Cyclohexane PS-2130AJS 100ug/ml in Acetonitrile
<b>PS-2094</b>	<b>Validamycin</b> PS-2094JS 100ug/ml in Methanol	<b>PS-2113</b>	<b>b-Chloralose</b> PS-2113JS 100ug/ml in Toluene PS-2113AJS 100ug/ml in Acetonitrile	<b>PS-2131</b>	<b>Flurprimidol</b> PS-2131JS 100ug/ml in Methanol
<b>PS-2095</b>	<b>Mancozeb</b> Not Available in Solution	<b>PS-2114</b>	<b>Phthalanillic acid</b> PS-2114JS 100ug/ml in MTBE PS-2114AJS 100ug/ml in Acetonitrile	<b>PS-2132</b>	<b>Sulfentrazone</b> PS-2132JS 100ug/ml in Methanol
<b>PS-2096</b>	<b>Metolcarb</b> PS-2096JS 100ug/ml in Toluene PS-2096AJS 100ug/ml in Acetonitrile			<b>PS-2133</b>	<b>Prodiamine</b> PS-2133JS 100ug/ml in Isooctane PS-2133AJS 100ug/ml in Acetonitrile

## Chem Service Pesticide Standards - Solution Listing

	JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml
<b>PS-2134</b>	<b>Hydroprene</b>		<b>PS-2152</b>	<b>Diniconazole</b>		<b>PS-2169</b>	<b>Primisulfuron-methyl</b>	
PS-2134JS	100ug/ml in Hexane		PS-2152JS	100ug/ml in Methanol		PS-2169JS	100ug/ml in Toluene	
PS-2134AJS	100ug/ml in Acetonitrile					PS-2169AJS	100ug/ml in Acetonitrile	
<b>PS-2135</b>	<b>Tralkoxydim</b>		<b>PS-2153</b>	<b>Diethofencarb</b>		<b>PS-2170</b>	<b>Carfentrazone-ethyl</b>	
PS-2135JS	100ug/ml in Toluene		PS-2153JS	100ug/ml in Methanol		PS-2170JS	100ug/ml in Toluene	
PS-2135AJS	100ug/ml in Acetonitrile		<b>PS-2154</b>	<b>Dimethachlon</b>		PS-2170AJS	100ug/ml in Acetonitrile	
<b>PS-2136</b>	<b>Fipronil</b>		<b>PS-2155</b>	<b>Pyridaphenthion</b>		<b>PS-2171</b>	<b>Chlorfenapyr</b>	
PS-2136JS	100ug/ml in Hexane		PS-2155JS	100ug/ml in Toluene		PS-2171JS	100ug/ml in Toluene	
PS-2136AJS	100ug/ml in Acetonitrile		PS-2155AJS	100ug/ml in Acetonitrile		PS-2171AJS	100ug/ml in Acetonitrile	
<b>PS-2137</b>	<b>Oxadixyl</b>		<b>PS-2156</b>	<b>Tolclofos-Methyl</b>		<b>PS-2172</b>	<b>Fludioxonil</b>	
PS-2137JS	100ug/ml in Toluene		PS-2156JS	100ug/ml in Toluene		PS-2172JS	100ug/ml in Toluene	
PS-2137AJS	100ug/ml in Acetonitrile		PS-2156AJS	100ug/ml in Acetonitrile		PS-2172AJS	100ug/ml in Acetonitrile	
<b>PS-2138</b>	<b>Dimethomorph</b>		<b>PS-2157</b>	<b>Hexaconazole</b>		<b>PS-2173</b>	<b>Dithiopyr</b>	
PS-2138JS	100ug/ml in Toluene		PS-2157JS	100ug/ml in Toluene		PS-2173JS	100ug/ml in Toluene	
PS-2138AJS	100ug/ml in Acetonitrile		PS-2157AJS	100ug/ml in Acetonitrile		PS-2173AJS	100ug/ml in Acetonitrile	
<b>PS-2138-1</b>	<b>Z-Dimethomorph</b>		<b>PS-2158</b>	<b>Trinexapac-ethyl</b>		<b>PS-2174</b>	<b>Fenoxycarb</b>	
PS-2138-1JS	100ug/ml in Methanol		PS-2158JS	100ug/ml in MTBE		PS-2174JS	100ug/ml in Toluene	
			PS-2158AJS	100ug/ml in Acetonitrile		PS-2174AJS	100ug/ml in Acetonitrile	
<b>PS-2139</b>	<b>Triazophos</b>		<b>PS-2159</b>	<b>Difenoconazole</b>		<b>PS-2175</b>	<b>Prochloraz</b>	
PS-2139JS	100ug/ml in Toluene		PS-2159JS	100ug/ml in Methanol		PS-2175JS	100ug/ml in Toluene	
PS-2139AJS	100ug/ml in Acetonitrile					PS-2175AJS	100ug/ml in Acetonitrile	
<b>PS-2140</b>	<b>Mefenacet</b>		<b>PS-2160</b>	<b>Mefenoxam</b>		<b>PS-2176</b>	<b>Triflumuron</b>	
PS-2140JS	100ug/ml in Methanol		PS-2160JS	100ug/ml in MTBE		PS-2176JS	100ug/ml in Toluene	
			PS-2160AJS	100ug/ml in Acetonitrile		PS-2176AJS	100ug/ml in Acetonitrile	
<b>PS-2141</b>	<b>Azoxystrobin</b>		<b>PS-2161</b>	<b>Dimethenamid</b>		<b>PS-2177</b>	<b>Flutriafol</b>	
PS-2141JS	100ug/ml in Toluene		PS-2161JS	100ug/ml in Toluene		PS-2177JS	100ug/ml in Toluene	
PS-2141AJS	100ug/ml in Acetonitrile		PS-2161AJS	100ug/ml in Acetonitrile		PS-2177AJS	100ug/ml in Acetonitrile	
<b>PS-2142</b>	<b>Benalaxyl</b>		<b>PS-2162</b>	<b>Imazamox</b>		<b>PS-2178</b>	<b>Metoxurou</b>	
PS-2142JS	100ug/ml in Methanol		PS-2162JS	100ug/ml in MTBE		PS-2178JS	100ug/ml in Toluene	
			PS-2162AJS	100ug/ml in Acetonitrile		PS-2178AJS	100ug/ml in Acetonitrile	
<b>PS-2143</b>	<b>Difenacoum</b>		<b>PS-2163</b>	<b>Thiazopyr</b>		<b>PS-2179</b>	<b>Isopropylbenzene</b>	
PS-2143JS	100ug/ml in Methanol		PS-2163JS	100ug/ml in Toluene		F825JS	100ug/ml in Methanol	
			PS-2163AJS	100ug/ml in Acetonitrile		F825RPS	100ug/ml in Methanol	
<b>PS-2144</b>	<b>Cyprodinil</b>		<b>PS-2164</b>	<b>Glyphosine</b>		<b>PS-2180</b>	<b>2-Imidazolidinethione</b>	
PS-2144JS	100ug/ml in Toluene		PS-2164JS	100ug/ml in Toluene		F2430JS	5000ug/ml in Acetonitrile	
PS-2144AJS	100ug/ml in Acetonitrile		PS-2164AJS	100ug/ml in H <sub>2</sub> O		F2430RPS	5000ug/ml in Acetonitrile	
						PS-2180JS	100ug/ml in Toluene	
<b>PS-2145</b>	<b>Pyriothiobac-Sodium</b>		<b>PS-2165</b>	<b>Cloransulam-methyl</b>		<b>PS-2181</b>	<b>Monothiono TEPP</b>	
PS-2145JS	100ug/ml in Toluene		PS-2165JS	100ug/ml in Toluene		PS-2181JS	100ug/ml in Toluene	
PS-2145AJS	100ug/ml in H <sub>2</sub> O		PS-2165AJS	100ug/ml in Acetonitrile		PS-2181AJS	100ug/ml in Acetonitrile	
<b>PS-2146</b>	<b>Halofenozide</b>		<b>PS-2166</b>	<b>Isoxaflutole</b>		<b>PS-2182</b>	<b>Kresoxim-methyl</b>	
PS-2146JS	100ug/ml in Methanol		PS-2166JS	100ug/ml in Toluene		PS-2182JS	100ug/ml in Toluene	
			PS-2166AJS	100ug/ml in Acetonitrile		PS-2182AJS	100ug/ml in Acetonitrile	
<b>PS-2147</b>	<b>Triflusulfuron-methyl</b>		<b>PS-2167</b>	<b>Propamocarb HCl</b>		<b>PS-2183</b>	<b>Ethametsulfuron-methyl</b>	
PS-2147JS	100ug/ml in Toluene		PS-2167JS	100ug/ml in Toluene		PS-2183JS	100ug/ml in Toluene	
PS-2147AJS	100ug/ml in Acetonitrile		PS-2167AJS	100ug/ml in H <sub>2</sub> O		PS-2183AJS	100ug/ml in Acetonitrile	
<b>PS-2148</b>	<b>Diflufenzopyr</b>		<b>PS-2167-1</b>	<b>Propamocarb</b>		<b>PS-2184</b>	<b>Dimehypo</b>	
PS-2148JS	100ug/ml in Toluene		PS-2167-1JS	100ug/ml in Toluene		PS-2184JS	100ug/ml in Toluene	
PS-2148AJS	100ug/ml in Acetonitrile		PS-2167-1AJS	100ug/ml in H <sub>2</sub> O		PS-2184AJS	100ug/ml in H <sub>2</sub> O	
<b>PS-2149</b>	<b>Flocoumafen</b>		<b>PS-2168</b>	<b>Flumetralin</b>		<b>PS-2185</b>	<b>Glyphosate-</b>	
PS-2149JS	100ug/ml in Toluene		PS-2168JS	100ug/ml in Isooctane		isopropylammonium		
PS-2149AJS	100ug/ml in Acetonitrile		PS-2168AJS	100ug/ml in Acetonitrile		PS-2185JS	100ug/ml in Toluene	
						PS-2185AJS	100ug/ml in H <sub>2</sub> O	
<b>PS-2150</b>	<b>Forchlorfenuron</b>							
PS-2150JS	100ug/ml in Toluene							
PS-2150AJS	100ug/ml in Acetonitrile							
<b>PS-2151</b>	<b>Quizalofop-P-ethyl</b>							
PS-2151JS	100ug/ml in Toluene							
PS-2151AJS	100ug/ml in Acetonitrile							

## Chem Service Pesticide Standards - Solution Listing

JS = 1ml    RPS = 5x1ml		JS = 1ml    RPS = 5x1ml		JS = 1ml    RPS = 5x1ml	
<b>PS-2186</b>	<b>Hymexazole</b> PS-2186JS 100ug/ml in Methanol	<b>PS-2205</b>	<b>Flufenacet</b> PS-2205JS 100ug/ml in Methanol	<b>PS-2223</b>	<b>Fenoxaprop-P-ethyl</b> PS-2223JS 100ug/ml in Toluene PS-2223AJS 100ug/ml in Acetonitrile
<b>PS-2187</b>	<b>Vamidothion</b> PS-2187JS 100ug/ml in Toluene PS-2187AJS 100ug/ml in Acetonitrile	<b>PS-2206</b>	<b>6-Benzylaminopurine</b> PS-2206JS 100ug/ml in Toluene PS-2206AJS 100ug/ml in Acetonitrile	<b>PS-2224</b>	<b>Sulfosulfuron</b> PS-2224JS 100ug/ml in Toluene PS-2224AJS 100ug/ml in Acetonitrile
<b>PS-2188</b>	<b>Tebufenozide</b> PS-2188JS 100ug/ml in Toluene PS-2188AJS 100ug/ml in Acetonitrile	<b>PS-2207</b>	<b>Penconazole</b> PS-2207JS 100ug/ml in Toluene PS-2207AJS 100ug/ml in Acetonitrile	<b>PS-2225</b>	<b>Heptenophos</b> PS-2225JS 100ug/ml in Toluene PS-2225AJS 100ug/ml in Acetonitrile
<b>PS-2189</b>	<b>Pymetrozine</b> PS-2189JS 100ug/ml in Toluene PS-2189AJS 100ug/ml in Acetonitrile	<b>PS-2208</b>	<b>Diclosulam</b> PS-2208JS 100ug/ml in Toluene PS-2208AJS 100ug/ml in Acetonitrile	<b>PS-2226</b>	<b>Prohexadione-Calcium</b> PS-2226JS 100ug/ml in Toluene PS-2226AJS 100ug/ml in Acetonitrile
<b>PS-2190</b>	<b>Dikegulac acid</b> PS-2190JS 100ug/ml in MTBE PS-2190AJS 100ug/ml in Acetonitrile	<b>PS-2209</b>	<b>Chlormephos</b> PS-2209JS 100ug/ml in Toluene PS-2209AJS 100ug/ml in Acetonitrile	<b>PS-2227</b>	<b>Mepronil</b> PS-2227JS 100ug/ml in Methanol
<b>PS-2191</b>	<b>Fluroxypyr-meptyl</b> PS-2191JS 100ug/ml in Methanol	<b>PS-2210</b>	<b>Monolinuron</b> PS-2210JS 100ug/ml in Toluene PS-2210AJS 100ug/ml in Acetonitrile	<b>PS-2228</b>	<b>2,3,5,6-Tetrachloroaniline</b> PS-2228JS 100ug/ml in Methanol
<b>PS-2192</b>	<b>Tebupirimfos</b> PS-2192JS 100ug/ml in Toluene PS-2192AJS 100ug/ml in Acetonitrile	<b>PS-2211</b>	<b>Spinosad</b> PS-2211JS 100ug/ml in Toluene PS-2211AJS 100ug/ml in Acetonitrile	<b>PS-2230</b>	<b>Indoxacarb</b> PS-2230JS 100ug/ml in Toluene PS-2230AJS 100ug/ml in Acetonitrile
<b>PS-2193</b>	<b>Benazolin-ethyl</b> PS-2193JS 100ug/ml in MTBE PS-2193AJS 100ug/ml in Acetonitrile	<b>PS-2212</b>	<b>Acibenzolar-S-methyl</b> PS-2212JS 100ug/ml in Toluene PS-2212AJS 100ug/ml in Acetonitrile	<b>PS-2231</b>	<b>Flucarbazone-sodium</b> PS-2231AJS 100ug/ml in H <sub>2</sub> O
<b>PS-2194</b>	<b>Bifenazate</b> PS-2194JS 100ug/ml in Toluene PS-2194AJS 100ug/ml in Acetonitrile	<b>PS-2213</b>	<b>Flufenoxuron</b> PS-2213JS 100ug/ml in Toluene PS-2213AJS 100ug/ml in Acetonitrile	<b>PS-2232</b>	<b>Foramsulfuron</b> PS-2230JS 100ug/ml in Toluene PS-2230AJS 100ug/ml in Acetonitrile
<b>PS-2195</b>	<b>Imazamethabenz-methyl</b> PS-2195JS 100ug/ml in Toluene PS-2195AJS 100ug/ml in Acetonitrile	<b>PS-2214</b>	<b>Cyclosulfamuron</b> PS-2214JS 100ug/ml in Toluene PS-2214AJS 100ug/ml in Acetonitrile	<b>PS-2233</b>	<b>Thiometon</b> PS-2230JS 100ug/ml in Toluene PS-2230AJS 100ug/ml in Acetonitrile
<b>PS-2196</b>	<b>Trifloxystrobin</b> PS-2196JS 100ug/ml in Methylene chloride PS-2196AJS 100ug/ml in Acetonitrile	<b>PS-2215</b>	<b>Thiamethoxam</b> PS-2215JS 100ug/ml in Methanol	<b>PS-2234</b>	<b>1-cis-3-Chloroallyl-3,5,7-triaza-1-azonia-adamantane chloride</b> PS-2234JS 100ug/ml in Methanol
<b>PS-2197</b>	<b>Imazapic</b> PS-2197JS 100ug/ml in Toluene PS-2197AJS 100ug/ml in Acetonitrile	<b>PS-2216</b>	<b>Fenpyroximate</b> PS-2216JS 100ug/ml in Toluene PS-2216AJS 100ug/ml in Acetonitrile	<b>PS-2235</b>	<b>Pyraclostrobin</b> PS-2235JS 100ug/ml in Toluene PS-2235AJS 100ug/ml in Acetonitrile
<b>PS-2198</b>	<b>d-trans-Cyphenothrin</b> PS-2198JS 100ug/ml in MTBE PS-2198AJS 100ug/ml in Acetonitrile	<b>PS-2217</b>	<b>Chlorethoxyfos</b> PS-2217JS 100ug/ml in Toluene PS-2217AJS 100ug/ml in Acetonitrile	<b>PS-2236</b>	<b>Dalapon Sodium</b> Not Available in Solution
<b>PS-2199</b>	<b>Cadusafos</b> PS-2190JS 100ug/ml in Toluene PS-2190AJS 100ug/ml in Acetonitrile	<b>PS-2218</b>	<b>Methacrifos</b> PS-2218JS 100ug/ml in Toluene PS-2218AJS 100ug/ml in Acetonitrile	<b>PS-2237</b>	<b>Etofenprox</b> PS-2237JS 100ug/ml in Toluene PS-2237AJS 100ug/ml in Acetonitrile
<b>PS-2200</b>	<b>Oxytetracycline hydrochloride</b>	<b>PS-2219</b>	<b>Acetamidiprid</b> PS-2219JS 100ug/ml in Toluene PS-2219AJS 100ug/ml in Acetonitrile	<b>PS-2238</b>	<b>Tefluthrin (100ug/ml in Acetonitrile)</b>
<b>PS-2201</b>	<b>Neomycin sulfate salt</b>	<b>PS-2220</b>	<b>Ivermectin</b> PS-2220JS 100ug/ml in Toluene PS-2220AJS 100ug/ml in Acetonitrile	<b>PS-2239</b>	<b>Diclobutrazol 100ug/ml in Toluene</b>
<b>PS-2202</b>	<b>Fenhexamid</b> PS-2202JS 100ug/ml in Toluene PS-2202AJS 100ug/ml in Acetonitrile	<b>PS-2221</b>	<b>Diafenthiuron</b> PS-2221JS 100ug/ml in Toluene PS-2221AJS 100ug/ml in Acetonitrile	<b>PS-2240</b>	<b>Fluazifop-butyl</b> PS-2240JS 100ug/ml in Toluene PS-2240AJS 100ug/ml in Acetonitrile
<b>PS-2203</b>	<b>beta-Cypermethrin</b> PS-2203JS 100ug/ml in MTBE PS-2203AJS 100ug/ml in Acetonitrile	<b>PS-2222</b>	<b>BHC (epsilon isomer) (100ug/ml in Toluene)</b>	<b>PS-2241</b>	<b>Benfuracarb</b> PS-2241JS 100ug/ml in Toluene PS-2241AJS 100ug/ml in Acetonitrile
<b>PS-2204</b>	<b>beta-Cyfluthrin</b> PS-2204JS 100ug/ml in MTBE PS-2204AJS 100ug/ml in Acetonitrile			<b>PS-2242</b>	<b>Tridemorph</b> PS-2242JS 100ug/ml in Toluene PS-2242AJS 100ug/ml in Acetonitrile

## Chem Service Pesticide Standards - Solution Listing

	JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml		JS = 1ml	RPS = 5x1ml
<b>PS-2243</b>	<b>Cyflumetofen</b>		<b>PS-2261</b>	<b>Clothianidin</b>		<b>PS-2279</b>	<b>Cybutryne</b>	
PS-2243JS	100ug/ml in Toluene		PS-2261JS	100ug/ml in Toluene		PS-2279JS	100ug/ml in Toluene	
PS-2243AJS	100ug/ml in Acetonitrile		PS-2261AJS	100ug/ml in Acetonitrile		PS-2279AJS	100ug/ml in Acetonitrile	
<b>PS-2244</b>	<b>zeta-Cypermethrin</b>		<b>PS-2262</b>	<b>Thiacloprid</b>		<b>PS-2280</b>	<b>Cyhalofop-butyl</b>	
PS-2244JS	100ug/ml in Toluene		PS-2262JS	100ug/ml in Toluene		PS-2280JS	100ug/ml in Toluene	
PS-2244AJS	100ug/ml in Acetonitrile		PS-2262AJS	100ug/ml in Acetonitrile		PS-2280AJS	100ug/ml in Acetonitrile	
<b>PS-2245</b>	<b>Flumioxazin</b>		<b>PS-2263</b>	<b>Streptomycin sulfate</b>		<b>PS-2281</b>	<b>Pentachlor</b>	
PS-2245JS	100ug/ml in Toluene		PS-2263AJS	100ug/ml in Acetonitrile		PS-2281JS	100ug/ml in Toluene	
PS-2245AJS	100ug/ml in Acetonitrile					PS-2281AJS	100ug/ml in Acetonitrile	
<b>PS-2246</b>	<b>Bispyribac Sodium</b>		<b>PS-2264</b>	<b>Methoxyfenozide</b>		<b>PS-2282</b>	<b>2,4-D isobutyl ester</b>	
PS-2246JS	100ug/ml in Toluene		PS-2264JS	100ug/ml in Toluene		PS-2282JS	100ug/ml in Toluene	
PS-2246AJS	100ug/ml in Acetonitrile		PS-2264AJS	100ug/ml in Acetonitrile		PS-2282AJS	100ug/ml in Acetonitrile	
<b>PS-2247</b>	<b>Teflubenzuron</b>		<b>PS-2265</b>	<b>Emamectin</b>		<b>PS-2283</b>	<b>Mecarbam</b>	
PS-2247JS	100ug/ml in Toluene		PS-2265JS	100ug/ml in Toluene		PS-2283JS	100ug/ml in Toluene	
PS-2247AJS	100ug/ml in Acetonitrile		PS-2265AJS	100ug/ml in Acetonitrile		PS-2283AJS	100ug/ml in Acetonitrile	
<b>PS-2248</b>	<b>Chlorfluazuron</b>		<b>PS-2266</b>	<b>Cinnamaldehyde</b>		<b>PS-2284</b>	<b>Quinoxifen</b>	
PS-2248JS	100ug/ml in Toluene		PS-2266JS	100ug/ml in Toluene		PS-2284JS	100ug/ml in Toluene	
PS-2248AJS	100ug/ml in Acetonitrile		PS-2266AJS	100ug/ml in Acetonitrile		PS-2284AJS	100ug/ml in Acetonitrile	
<b>PS-2249</b>	<b>Fluazinam</b>		<b>PS-2267</b>	<b>2,3-Dichloronitrobenzene</b>		<b>PS-2285</b>	<b>Propoxycarbazone-sodium</b>	
PS-2249JS	100ug/ml in Toluene		PS-2267JS	100ug/ml in Toluene		PS-2285AJS	100ug/ml in Acetonitrile	
PS-2249AJS	100ug/ml in Acetonitrile		PS-2267AJS	100ug/ml in Acetonitrile				
<b>PS-2250</b>	<b>loxynil octanoate</b>		<b>PS-2268</b>	<b>2,4-Dichloronitrobenzene</b>		<b>PS-2286</b>	<b>Mesosulfuron-methyl</b>	
PS-2250JS	100ug/ml in Toluene		PS-2268JS	100ug/ml in Toluene		PS-2286JS	100ug/ml in Toluene	
PS-2250AJS	100ug/ml in Acetonitrile		PS-2268AJS	100ug/ml in Acetonitrile		PS-2286AJS	100ug/ml in Acetonitrile	
<b>PS-2251</b>	<b>Pyrimethanil</b>		<b>PS-2269</b>	<b>2,5-Dichloronitrobenzene</b>		<b>PS-2287</b>	<b>Mefenpyr-diethyl</b>	
PS-2251JS	100ug/ml in Toluene		PS-2269JS	100ug/ml in Toluene		PS-2287JS	100ug/ml in Toluene	
PS-2251AJS	100ug/ml in Acetonitrile		PS-2269AJS	100ug/ml in Acetonitrile		PS-2287AJS	100ug/ml in Acetonitrile	
<b>PS-2252</b>	<b>Lufenuron</b>		<b>PS-2270</b>	<b>3,4-Dichloronitrobenzene</b>		<b>PS-2288</b>	<b>Noruron</b>	
PS-2252JS	100ug/ml in Toluene		PS-2270JS	100ug/ml in Toluene		PS-2288JS	100ug/ml in Toluene	
PS-2252AJS	100ug/ml in Acetonitrile		PS-2270AJS	100ug/ml in Acetonitrile		PS-2288AJS	100ug/ml in Acetonitrile	
<b>PS-2253</b>	<b>Novaluron</b>		<b>PS-2271</b>	<b>3,5-Dichloronitrobenzene</b>		<b>PS-2289</b>	<b>Cholecalciferol</b>	
PS-2253JS	100ug/ml in Toluene		PS-2271JS	100ug/ml in Toluene		PS-2289JS	100ug/ml in Toluene	
PS-2253AJS	100ug/ml in Acetonitrile		PS-2271AJS	100ug/ml in Acetonitrile		PS-2289AJS	100ug/ml in Acetonitrile	
<b>PS-2254</b>	<b>Capsaicin, Natural</b>		<b>PS-2272</b>	<b>2,6-Diisopropyl-naphthalene</b>		<b>PS-2290</b>	<b>Fonicamid</b>	
PS-2254JS	100ug/ml in Toluene		PS-2272JS	100ug/ml in Toluene		PS-2290JS	100ug/ml in Toluene	
PS-2254AJS	100ug/ml in Acetonitrile		PS-2272AJS	100ug/ml in Acetonitrile		PS-2290AJS	100ug/ml in Acetonitrile	
<b>PS-2255</b>	<b>Tebutam</b>		<b>PS-2273</b>	<b>Fosthiazate</b>		<b>PS-2291</b>	<b>Dimethenamid-P</b>	
PS-2255JS	100ug/ml in Toluene		PS-2273JS	100ug/ml in Toluene		PS-2291JS	100ug/ml in Toluene	
PS-2255AJS	100ug/ml in Acetonitrile		PS-2273AJS	100ug/ml in Acetonitrile		PS-2291AJS	100ug/ml in Acetonitrile	
<b>PS-2257</b>	<b>Etoxazole</b>		<b>PS-2274</b>	<b>Mesotrione</b>		<b>PS-2292</b>	<b>Fenamidone</b>	
PS-2257JS	100ug/ml in Toluene		PS-2274JS	100ug/ml in Toluene		PS-2292JS	100ug/ml in Toluene	
PS-2257AJS	100ug/ml in Acetonitrile		PS-2274AJS	100ug/ml in Acetonitrile		PS-2292AJS	100ug/ml in Acetonitrile	
<b>PS-2258</b>	<b>Fenazaquin</b>		<b>PS-2275</b>	<b>Fenthion-ethyl</b>		<b>PS-2293</b>	<b>Spiroxamine</b>	
PS-2258JS	100ug/ml in Toluene		PS-2275JS	100ug/ml in Toluene		PS-2293JS	100ug/ml in Toluene	
PS-2258AJS	100ug/ml in Acetonitrile		PS-2275AJS	100ug/ml in Acetonitrile		PS-2293AJS	100ug/ml in Acetonitrile	
<b>PS-2259</b>	<b>Famoxadone</b>		<b>PS-2276</b>	<b>Clofopropargyl</b>		<b>PS-2294</b>	<b>Pretilachlor</b>	
PS-2259JS	100ug/ml in Toluene		PS-2276JS	100ug/ml in Toluene		PS-2294JS	100ug/ml in Toluene	
PS-2259AJS	100ug/ml in Acetonitrile		PS-2276AJS	100ug/ml in Acetonitrile		PS-2294AJS	100ug/ml in Acetonitrile	
<b>PS-2260</b>	<b>Boscalid</b>		<b>PS-2277</b>	<b>Ormetoprin</b>		<b>PS-2295</b>	<b>Dinotefuran</b>	
PS-2260JS	100ug/ml in Toluene		PS-2277JS	100ug/ml in Toluene		PS-2295JS	100ug/ml in Toluene	
PS-2260AJS	100ug/ml in Acetonitrile		PS-2277AJS	100ug/ml in Acetonitrile		PS-2295AJS	100ug/ml in Acetonitrile	
			<b>PS-2278</b>	<b>Sulfadimethoxine</b>		<b>PS-2296</b>	<b>Acequinocyl</b>	
			PS-2278JS	100ug/ml in Toluene		PS-2296JS	100ug/ml in Toluene	
			PS-2278AJS	100ug/ml in Acetonitrile		PS-2296AJS	100ug/ml in Acetonitrile	

## Chem Service Pesticide Standards - Solution Listing

JS = 1ml    RPS = 5x1ml

**PS-2297**    Oxolinic acid

PS-2297JS    100ug/ml in Toluene

PS-2297AJS    100ug/ml in Acetonitrile

**PS-2299**    Tetraconazole

PS-2299JS    100ug/ml in Toluene

PS-2299AJS    100ug/ml in Acetonitrile

**PS-2300**    Dichlorprop-P

PS-2300JS    100ug/ml in Toluene

PS-2300AJS    100ug/ml in Acetonitrile

Solution Listing



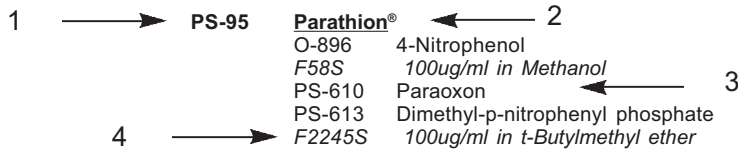
## Chem Service Metabolite Standards by Parent Compound



### Numerical Listing Metabolite Standards

Contains the metabolite listing, first by parent compound and then alphabetically. A metabolite is an intermediate substance produced by the decomposition of the parent (base) pesticide by air, moisture, soil conditions, etc. Please note that some metabolites are available in solution form only.

For example, Parathion (PS-95) is hydrolyzed to form 4-Nitrophenol. 4-Nitrophenol (catalog number O-896) is a metabolite of Parathion.



- 1     **Pesticide catalog number (parent compound)**
- 2     **Description of the parent pesticide**
- 3     Neat Metabolite standard (Catalog number and description)
- 4     *Solution Metabolite standard (Catalog number, concentration and solvent)*

Metabolites

#### ORDERS

Phone: 1-610-692-3026 or 1-800-452-9994  
Fax: 1-610-692-8729

#### TECHNICAL INQUIRIES & CUSTOMER SERVICE

Phone: 1-610-692-3026 or 1-800-452-9994  
Fax: 1-610-692-8729

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Metabolite Standards by Parent Compound

<p><b>PS-7 Pentachlorophenol</b> F1086 2,3,4,6-Tetrachlorophenol F1098 2,3,4,6-Tetrachlorophenol</p> <p><b>PS-17 Dazomet</b> MET-221A Methyl isothiocyanate</p> <p><b>PS-20 Ferbam</b> F2430 2-Imidazolidinethione</p> <p><b>PS-21 Ziram</b> F2430 2-Imidazolidinethione</p> <p><b>PS-22 Maneb</b> F2430 2-Imidazolidinethione</p> <p><b>PS-23 Zineb®</b> F2430 2-Imidazolidinethione</p> <p><b>PS-24 Thiram</b> F2430 2-Imidazolidinethione</p> <p><b>PS-25 Captan</b> MET-260A cis-1,2,3,6-Tetrahydrophthalimide</p> <p><b>PS-26 Folpet</b> MET-26A Phthalamic acid O-793 Phthalimide O-89 Phthalic acid</p> <p><b>PS-32 Dalapon</b> PS-1100 Dalapon methyl ester</p> <p><b>PS-33 Chlorthal</b> MET-33A Monomethyl tetrachlorotere phthalate MET-33B Tetrachloroterephthalic acid</p> <p><b>PS-39 p-Chlorophenoxy acetic acid</b> F2190 4-Chlorophenol</p> <p><b>PS-40 MCPA</b> MET-40A 4-Chloro-2-methylphenol</p> <p><b>PS-41 2,4-D</b> F31 2,4-Dichlorophenol</p> <p><b>PS-42 2,4-D butyl ester</b> F31 2,4-Dichlorophenol PS-41 2,4-D</p> <p><b>PS-43 2,4-D isopropyl ester</b> F31 2,4-Dichlorophenol PS-41 2,4-D</p> <p><b>PS-44 Dichlorprop</b> F31 2,4-Dichlorophenol</p> <p><b>PS-45 2,4,5-T®</b> PS-9 2,4,5-Trichlorophenol</p> <p><b>PS-47 Silvex</b> PS-342 Silvex-methyl ester PS-9 2,4,5-Trichlorophenol</p> <p><b>PS-52 Chlorpropham</b> F2501 3-Chloroaniline</p> <p><b>PS-58 Simazine</b> MET-58A Atrazine desisopropyl MET-58B Simazine hydroxy Solution MET-58C 2-Chloro-4,6-diamino-1,3,5- triazine MET-380E Atrazine desethyl desisopropyl-2-hydroxy</p> <p><b>PS-59 Monuron</b> MET-59A Bis(p-chlorophenyl)urea F706 4-Chloroaniline</p>	<p><b>PS-60 Diuron</b> F2506 3,4-Dichloroaniline MET-59A Bis(p-chlorophenyl)urea MET-60A N,N'-Bis(3,4-dichlorophenyl)urea MET-60B 3-(4-Chlorophenyl)methyl urea</p> <p><b>PS-61 Fenuron</b> O-987 Phenylurea</p> <p><b>PS-68 Tributylphosphorotrithioite</b> PS-562 S.S.S-Tributylphosphorotrithioate</p> <p><b>PS-69 Aldrin®</b> PS-76 Dieldrin</p> <p><b>PS-71 Lindane</b> F8 1,2,4-Trichlorobenzene F2298 2,3,4-Trichlorophenol F2299 2,3,5-Trichlorophenol F2300 2,3,6-Trichlorophenol PS-9 2,4,5-Trichlorophenol PS-10 2,4,6-Trichlorophenol O-2347 3,4,5-Trichlorophenol</p> <p><b>PS-74 DDT</b> PS-695 o,p'-DDE PS-696 p,p'-DDE PS-694 o,p'-DDD PS-72 p,p'-DDD MET-698A p,p'-DDA</p> <p><b>PS-75 Chlordane</b> MET-75A Oxychlordane Solution MET-75B cis-Nonachlor MET-75C trans-Nonachlor MET-75D Chlordane</p> <p><b>PS-77 Endrin</b> PS-77-1 Endrin aldehyde PS-77-2 Endrin ketone</p> <p><b>PS-78 Heptachlor</b> PS-700 Heptachlor epoxide</p> <p><b>PS-81 Endosulfan</b> PS-81-3 Endosulfan sulfate MET-81A Endosulfan alcohol MET-81B Endosulfan ether MET-81C Endosulfan lactone</p> <p><b>PS-82 Kelthane®</b> MET-854B 4,4'-Dichlorobenzophenone MET-82A o,p-Dicofol Solution</p> <p><b>PS-83 Methoxychlor</b> MET-83A o,p'-Methoxychlor MET-83B p,p-Methoxychlor-olefin</p> <p><b>PS-84 Carbaryl</b> O-877 1-Naphthol</p> <p><b>PS-86 Malathion</b> MET-86A Isomalathion Solution MET-86B Malathion monocarboxylic acid Solution MET-86C Malathion-O-analog (Malaoxon) MET-86D Malathion monocarboxylic acid</p> <p><b>PS-88 Carbophenothion</b> MET-88A Carbophenothion methyl Solution MET-88B Carbophenothionmethyl-O-analog MET-88C Carbophenothion methylsulfone Solution MET-88D Carbophenothion methylsulfoxide Solution</p> <p><b>PS-90 Diazinon</b> MET-90A Diazinon-O-analog MET-90B 2-Isopropyl-6-methyl-4-pyrimidinol MET-90C Diethyl phosphate</p>
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Metabolites

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## Chem Service Metabolite Standards by Parent Compound

<p><b>PS-93</b>    <b>EPN</b> O-896    4-Nitrophenol</p> <p><b>PS-94</b>    <b>Methyl parathion</b> O-896    4-Nitrophenol PS-613    Dimethyl-p-nitrophenyl phosphate</p> <p><b>PS-95</b>    <b>Parathion®</b> O-896    4-Nitrophenol PS-610    Paraoxon PS-613    Dimethyl-p-nitrophenyl phosphate</p> <p><b>PS-103</b>    <b>Dichlofenthion</b> F31    2,4-Dichlorophenol</p> <p><b>PS-104</b>    <b>Warfarin</b> MET-104A    7-Hydroxycoumarin MET-104B    4-Hydroxycoumarin</p> <p><b>PS-150</b>    <b>Pentachloronitrobenzene</b> MET-150A    Pentachloroaniline F938    Pentachlorobenzene PS-7    Pentachlorophenol</p> <p><b>PS-151</b>    <b>Tetrachloronitrobenzene</b> F1085    1,2,4,5-Tetrachlorobenzene F1098    2,3,5,6-Tetrachlorophenol</p> <p><b>PS-220</b>    <b>Nabam</b> F2430    2-Imidazolidinethione</p> <p><b>PS-221</b>    <b>Metham Sodium</b> O-2179    Methylisocyanate MET-221A    Methylisothiocyanate</p> <p><b>PS-222</b>    <b>Benomyl</b> MET-222A    2-Aminobenzimidazole MET-222B    STB PS-1077    Carbendazim</p> <p><b>PS-225</b>    <b>Polyram</b> F2430    2-Imidazolidinethione</p> <p><b>PS-230</b>    <b>Thiophanate methyl</b> MET-222A    2-Aminobenzimidazole PS-1077    Carbendazim</p> <p><b>PS-250</b>    <b>Dodine</b> MET-250A    Creatine</p> <p><b>PS-260</b>    <b>Captofol</b> F2083    Dichloroacetic acid O-89    Phthalic acid MET-260A    cis-1,2,3,6-Tetrahydrophthalimide</p> <p><b>PS-306</b>    <b>2,4-DB</b> PS-41    2,4-D</p> <p><b>PS-307</b>    <b>MCPB</b> PS-1084    MCPB-methyl ester MET-40A    4-Chloro-2-methylphenol PS-40    4-Chloro-o-tolylloxy acetic acid</p> <p><b>PS-314</b>    <b>3-Amino-2,5-dichlorobenzoic acid</b> O-365    2,5-Dichloroaniline</p> <p><b>PS-324</b>    <b>Mecoprop</b> MET-40A    4-Chloro-2-methylphenol</p> <p><b>PS-343</b>    <b>N-1-Naphthylphthalamic acid</b> MET-343A    N-(1-Naphthyl)phthalimide O-89    Phthalic acid F928    a-Naphthylamine</p> <p><b>PS-345</b>    <b>Endothal</b> F2450    Dimethyl endothal</p> <p><b>PS-346</b>    <b>Dicamba</b> MET-346A    5-Hydroxydicamba Solution</p>	<p><b>PS-348</b>    <b>Butachlor</b> MET-357C    2,6-Diethylaniline</p> <p><b>PS-355</b>    <b>Propachlor</b> MET-355A    Propachlor ESA MET-355B    Propachlor OA</p> <p><b>PS-356</b>    <b>3',4'-Dichloropropionanilide</b> F2506    3,4-Dichloroaniline</p> <p><b>PS-357</b>    <b>Alachlor</b> MET-357A    2-Chloro-2',6'-diethylacetanilide MET-357C    2,6-Diethylaniline MET-357D    Alachlor ESA MET-357E    Alachlor OA</p> <p><b>PS-366</b>    <b>Paraquat dichloride tetrahydrate</b> O-290    Methylamine hydrochloride</p> <p><b>PS-368</b>    <b>Chlorbromuron</b> MET-59A    Bis(p-chlorophenyl)urea</p> <p><b>PS-372</b>    <b>Linuron</b> MET-372A    3,4-Dichloroaniline F2506    3,4-Dichloroaniline MET-60B    3-(4-Chlorophenyl)methyl urea</p> <p><b>PS-374</b>    <b>Metobromuron</b> MET-374B    p-Bromoaniline</p> <p><b>PS-377</b>    <b>Neburon</b> MET-59A    Bis(p-chlorophenyl)urea F2506    3,4-Dichloroaniline</p> <p><b>PS-379</b>    <b>Terbutryne</b> MET-380E    Atrazine desethyl desisopropyl-2-hydroxy</p> <p><b>PS-380</b>    <b>Atrazine</b> PS-395    Atraton MET-380B    Atrazine desethyl MET-58C    2-Chloro-4,6-diamino-1,3,5-triazine MET-380D    Atrazine desethyl-2-hydroxy MET-380E    Atrazine desethyl desisopropyl-2-hydroxy MET-58A    Atrazine desisopropyl MET-380F    Atrazine-2-hydroxy</p> <p><b>PS-381</b>    <b>Simetryn</b> MET-380E    Atrazine desethyl desisopropyl-2-hydroxy</p> <p><b>PS-383</b>    <b>Ametryn</b> MET-380D    Atrazine desethyl-2-hydroxy MET-380E    Atrazine desethyl desisopropyl-2-hydroxy MET-380F    Atrazine-2-hydroxy</p> <p><b>PS-384</b>    <b>Prometryn</b> MET-380D    Atrazine desethyl-2-hydroxy MET-380E    Atrazine desethyl desisopropyl-2-hydroxy MET-385A    Propazine-2-hydroxy Solution</p> <p><b>PS-385</b>    <b>Propazine</b> MET-380B    Atrazine desethyl MET-385A    Propazine-2-hydroxy Solution MET-380D    Atrazine desethyl-2-hydroxy MET-380E    Atrazine desethyl desisopropyl-2-hydroxy</p> <p><b>PS-386</b>    <b>Prometon</b> MET-380D    Atrazine desethyl-2-hydroxy MET-380E    Atrazine desethyl desisopropyl-2-hydroxy MET-385A    Propazine-2-hydroxy Solution</p> <p><b>PS-387</b>    <b>Bladex</b> MET-58C    2-Chloro-4,6-diamino-1,3,5-triazine MET-380E    Atrazine desethyl desisopropyl-2-hydroxy MET-58A    Atrazine desisopropyl</p> <p><b>PS-392</b>    <b>2,6-Dichlorobenzoitrile</b> MET-392A    2,6-Dichlorobenzoic acid MET-392B    2,6-Dichlorobenzamide MET-392C    2,6-Dichlorobenzoic acid methyl ester</p>
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## Chem Service Metabolite Standards by Parent Compound

<p><b>PS-395 Atraton</b> MET-380D Atrazine desethyl-2-hydroxy MET-380E Atrazine desethyl desisopropyl-2-hydroxy MET-380F Atrazine-2-hydroxy</p> <p><b>PS-397 Ioxynil</b> MET-397A Ioxynil-methyl</p> <p><b>PS-401 Ioxynil</b> MET-401A N-Nitrosopendimethalin</p> <p><b>PS-403 Metolachlor</b> MET-403A 2-[(2-Ethyl-6-methylphenyl)amino]-1-propanol MET-403C Metolachlor ESA MET-403D Metolachlor OA</p> <p><b>PS-404 Difenzoquat methyl sulfate</b> MET-404C Difenzoquat-desmethyl methyl sulfate</p> <p><b>PS-411 Diproptryn</b> MET-380D Atrazine desethyl-2-hydroxy MET-380E Atrazine desethyl desisopropyl-2-hydroxy MET-385A Propazine-2-hydroxy Solution</p> <p><b>PS-413 Terbutylazine</b> MET-380E Atrazine desethyl desisopropyl-2-hydroxy MET-58A Atrazine desisopropyl MET-58C 2-Chloro-4,6-diamino-1,3,5-triazine MET-413A Terbutylazine-desethyl</p> <p><b>PS-417 Triclopyr</b> MET-674A 3,5,6-Trichloro-2-pyridinol</p> <p><b>PS-418 Chlorpyrifos methyl</b> MET-674A 3,5,6-Trichloro-2-pyridinol MET-418B Chlorpyrifos methyl-O-analog</p> <p><b>PS-419 Nitrapyrin</b> MET-419B 6-Chloro-2-picolinic acid methyl ester Solution</p> <p><b>PS-426 Bromoxynil</b> MET-426A Bromoxynil-heptanoate MET-426B Bromoxynil-methyl ether PS-434 Bromoxynil-octanoate acid ester</p> <p><b>PS-501 Molinate</b> O-2098 Ethanethiol</p> <p><b>PS-502 Cycloate</b> MET-502A N-Ethyl cyclohexylamine</p> <p><b>PS-503 Butylate</b> O-2043 Diisobutyl amine</p> <p><b>PS-540 Barban</b> F2501 3-Chloroaniline F2501S 1000ug/ml in Toluene</p> <p><b>PS-543 Methiocarb</b> MET-543A Methiocarb sulfone MET-543B Methiocarb sulfoxide Solution</p> <p><b>PS-553 Devrinol®</b> O-877 1-Naphthol F997 1,4-Naphthoquinone</p> <p><b>PS-605 Dibrom</b> PS-89 Dichlorovos</p> <p><b>PS-607 Ruelene®</b> MET-607A 4-tert-Butyl-2-chlorophenol</p> <p><b>PS-608 Dylox®</b> PS-89 Dichlorovos</p> <p><b>PS-610 Paraoxon</b> PS-613 Dimethyl-p-nitrophenyl phosphate</p> <p><b>PS-612 Phenamiphos</b> MET-612A Fenamiphos sulfoxide MET-612B Fenamiphos sulfone</p>	<p><b>PS-644 Pirimiphos methyl</b> MET-644A 2-Diethylamino-6-methylpyrimidin-4-ol</p> <p><b>PS-652 Disulfoton</b> MET-652A Disulfoton sulfone MET-652B Disulfoton sulfoxide PS-662 Demeton S</p> <p><b>PS-653 Imidan®</b> MET-653A Phosmet-oxon Solution</p> <p><b>PS-654 Phorate</b> MET-654A Phorate-oxon Solution MET-654B Phorate sulfone Solution MET-654C Phorate sulfoxide</p> <p><b>PS-655 Fenthion</b> MET-655A Fenthion-sulfone MET-655B Fenthion sulfoxide Solution MET-655C Fenthion-O-analog Solution MET-655D Fenthion sulfoxide</p> <p><b>PS-656 Coumaphos</b> MET-656D Coumaphos-O-analog</p> <p><b>PS-657 Fenchlorphos</b> MET-657A Fenchlorphos-oxon PS-9 2,4,5-Trichlorophenol</p> <p><b>PS-659 Dimethoate</b> PS-2017 Omethoate</p> <p><b>PS-666 Guthion®</b> MET-666A Azinphos-methyl oxon Solution</p> <p><b>PS-668 Zinophos®</b> MET-668A Thionazin-O-analog MET-668B 2-Hydroxypyrazine Solution</p> <p><b>PS-669 Dicapthon</b> MET-669A 2-Chloro-4-nitrophenol</p> <p><b>PS-671 Famphur</b> MET-671A Famphur-O-analog MET-671B p-Hydroxy-N,N-dimethylbenzene sulfonamide</p> <p><b>PS-674 Chlorpyrifos</b> MET-674A 3,5,6-Trichloro-2-pyridinol MET-674B Chlorpyrifos-oxon</p> <p><b>PS-677 Leptophos</b> MET-677A Leptophos oxon MET-677B 4-Bromo-2,5-dichlorophenol</p> <p><b>PS-678 Fenitrothion</b> MET-678A Fenitrothion-O-analog Solution MET-678B 3-Methyl-4-nitrophenol</p> <p><b>PS-690 Hexachlorobenzene</b> PS-7 Pentachlorophenol MET-690A Tetrachlorohydroquinone MET-690B Pentachlorothiophenol F1085 1,2,4,5-Tetrachlorobenzene F938 Pentachlorobenzene F1098 2,3,5,6-Tetrachlorophenol PS-9 2,4,5-Trichlorophenol PS-10 2,4,6-Trichlorophenol F1086 2,3,4,6-Tetrachlorophenol</p> <p><b>PS-694 o,p'-DDD</b> MET-694A o,p'-DDD olefin</p> <p><b>PS-698 o,p'-DDT</b> PS-694 o,p'-DDD PS-695 o,p'-DDE MET-694A o,p'-DDD olefin</p>
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## Chem Service Metabolite Standards by Parent Compound

<p><b>PS-699</b> <b>p,p'-DDT</b>            PS-696 p,p'-DDE            PS-72 p,p'-DDD            MET-698A p,p'-DDA            MET-699B p,p'-DDMU</p> <p><b>PS-734</b> <b>Aldicarb</b>            PS-1054 Aldicarb sulfoxide            PS-1055 Aldoxycarb</p> <p><b>PS-738</b> <b>Acephate</b>            PS-676 Methamidophos</p> <p><b>PS-739</b> <b>Bendiocarb</b>            MET-739A 2,2-Dimethyl-1,3-benzodioxole-4-ol</p> <p><b>PS-754</b> <b>Carbofuran</b>            F2053 3-Hydroxycarbofuran            MET-754B 2,3-Dihydro-2,2-dimethylbenzofuran-7-ol            MET-754D 2,3-Dihydro-2,2-dimethylbenzofuran-3,7-diol Solution            MET-754E Carbofuran-3-keto            MET-754F Carbofuran phenol-3-keto</p> <p><b>PS-758</b> <b>Permethrin</b>            MET-758B m-Phenoxybenzyl alcohol            MET-758C 3-Phenoxybenzoic acid</p> <p><b>PS-775</b> <b>Methomyl</b>            F974 Acetonitrile</p> <p><b>PS-840</b> <b>Chlordimeform</b>            MET-840A 4-Chloro-2-methylaniline</p> <p><b>PS-854</b> <b>Chlorobenzilate</b>            MET-854A 4,4'-Dichlorobenzhydrol            MET-854B 4,4'-Dichlorobenzophenone            F2190 4-Chlorophenol            O-98 4-Chlorobenzoic acid</p> <p><b>PS-858</b> <b>Omite®</b>            MET-858A 2-(4-tert-Butylphenoxy)cyclohexanol            O-869 4-tert-Butylphenol            MET-858B 1,2-Cyclohexanediol (cis &amp; trans)</p> <p><b>PS-1003</b> <b>Isofenphos</b>            MET-1003A Isofenphos-des-N-isopropyl Solution            MET-1003B Isofenphos-des-N-isopropyl-O-analogue Solution            MET-1003C Isofenphos-des-N-isopropyl</p> <p><b>PS-1005</b> <b>Amitraz</b>            O-342 2,4-Dimethylaniline</p> <p><b>PS-1011</b> <b>Bentazon</b>            MET-1011C 2-Amino-N-isopropylbenzamide</p> <p><b>PS-1013</b> <b>Triadimefon</b>            PS-1064 Baytan®            F2190 4-Chlorophenol</p> <p><b>PS-1015</b> <b>Desmedipham</b>            O-882 m-Aminophenol</p> <p><b>PS-1016</b> <b>Acifluorfen</b>            MET-1016A Acifluorfen, amino</p> <p><b>PS-1018</b> <b>Sulprofos</b>            MET-1018A Sulprofos sulfone Solution            MET-1018C Sulprofos-sulfoxide Solution</p> <p><b>PS-1024</b> <b>Profenofos</b>            MET-1024A 4-Bromo-2-chlorophenol</p> <p><b>PS-1028</b> <b>Diflubenzuron</b>            MET-1028A p-Chlorophenyl urea            F706 4-Chloroaniline</p> <p><b>PS-1032</b> <b>Sanmarton</b>            MET-1032A 2-(p-Chlorophenyl)-3-methyl butyric acid</p>	<p><b>PS-1036</b> <b>Diclofop methyl</b>            MET-1036A Diclofop methyl, 5-hydroxy Solution            MET-1036B Diclofop acid</p> <p><b>PS-1045</b> <b>Ethofumesate</b>            F705 Carbon disulfide            O-957 Methane sulfonic acid</p> <p><b>PS-1047</b> <b>Mepiquat chloride</b>            MET-1047A N-Methyl piperidine</p> <p><b>PS-1049</b> <b>Vinclozolin</b>            MET-1052B 3,5-Dichloroaniline</p> <p><b>PS-1050</b> <b>Oxadiazon</b>            MET-1050A Oxadiazon-hydroxy Solution</p> <p><b>PS-1051</b> <b>Glyphosate</b>            MET-1051A Aminomethyl phosphonic acid</p> <p><b>PS-1052</b> <b>Iprodione</b>            MET-1052B 3,5-Dichloroaniline</p> <p><b>PS-1063</b> <b>Carbosulfan</b>            PS-754 Carbofuran            F2053 3-Hydroxycarbofuran</p> <p><b>PS-1064</b> <b>Baytan®</b>            F2190 4-Chlorophenol</p> <p><b>PS-1065</b> <b>Chlorsulfuron</b>            MET-1065A Chlorsulfuron-5-hydroxy Solution</p> <p><b>PS-1068</b> <b>Cypermethrin</b>            MET-758C 3-Phenoxybenzoic acid</p> <p><b>PS-1071</b> <b>Mavrik®</b>            MET-758C 3-Phenoxybenzoic acid</p> <p><b>PS-1075</b> <b>Tilt®</b>            MET-1075A 1,2,4-Triazole</p> <p><b>PS-1077</b> <b>Carbendazim</b>            MET-222A 2-Aminobenzimidazole</p> <p><b>PS-1080</b> <b>Quizalofop ethyl</b>            MET-1080A Quizalofop</p> <p><b>PS-1094</b> <b>Tokuthion®</b>            F31 2,4-Dichlorophenol</p> <p><b>PS-1096</b> <b>Metasystox I®</b>            PS-642 Dioxydemeton-S-methyl            PS-641 Oxydemeton-methyl</p> <p><b>PS-1098</b> <b>Swep</b>            F2506 3,4-Dichloroaniline</p> <p><b>PS-2000</b> <b>Isoproturon</b>            MET-2000A Monodesmethyl Isoproturon</p> <p><b>PS-2009</b> <b>Bromophos methyl</b>            MET-2009A 4-Bromo-2,5-dichlorophenol</p> <p><b>PS-2012</b> <b>Thiodicarb</b>            PS-775 Methomyl</p> <p><b>PS-2015</b> <b>Clofentezine</b>            O-97 2-Chlorobenzoic acid            MET-2015A 2-Chlorobenzonitrile</p> <p><b>PS-2020</b> <b>Metaldehyde</b>            F2322 Acetaldehyde</p> <p><b>PS-2032</b> <b>Biphenyl</b>            O-880 p-Phenylphenol</p> <p><b>PS-2040</b> <b>Acetochlor</b>            MET-2040A Metolachlor ESA            MET-2040B Metolachlor OA</p>
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## Chem Service Metabolite Standards by Parent Compound

- PS-2057 Flutolanil**  
MET-2057A Methyl o-trifluoromethyl benzoic acid  
MET-2057B alpha, alpha, alpha,-Trifluoro-O-toluic acid  
MET-2057C alpha, alpha, alpha,-Trifluoro-3'-hydroxy-O-toluanilide
- PS-2063 Azocyclotin**  
MET-1075A 1,2,4-Triazole  
PS-107 Tricyclohexyltin hydroxide
- PS-2078 Chlorotoluron**  
MET-2078A 1-(3-Chloro-4-methylphenyl)-3-methylurea
- PS-2120 Terbumeton**  
MET-380E Atrazine desethyl desisopropyl-2-hydroxy
- PS-2136 Fipronil**  
MET-2136A Fipronil sulfone  
MET-2136B Fipronil sulfide
- PS-2161 Dimethenamid**  
MET-2161A Dimethenamid ESA  
MET-2161B Dimethenamid OA
- PS-2164 Glyphosine**  
MET-2164A Iminobis (methylphosphonic acid)
- PS-2166 Isoxaflutole**  
MET-2166A 1-(Methylsulfonyl-4-trifluoromethyl phenyl)-2-cyano-3-cyclopropyl propyl-1,3 dione  
MET-2166B 2-Methylsulfonyl-4-trifluoromethyl benzoic acid
- PS-2205 Flufenacet**  
MET-2205A Flufenacet ESA  
MET-2205B Flufenacet OA
- PS-2243 Cyclanilide**  
MET-2243A 2,4-Dichloroaniline

Metabolites

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## Chem Service Metabolite Standards - Alphabetical Listing

MET#	DESCRIPTION	ASSOCIATED PS #	MET#	DESCRIPTION	ASSOCIATED PS #
O-2000	Acetaldehyde	2020	MET-419B	6-Chloro-2-picolinic acid methyl ester Solution	419
MET-2040A	Acetochlor ESA	2040	PS-40	4-Chloro-o-tolxyoxyacetic acid	307
MET-2040B	Acetochlor OA	2040	MET-418B	Chlorpyrifos methyl-O-analog	418
F974	Acetonitrile	775	MET-674B	Chlorpyrifos oxon	674
MET-1016A	Acifluorfen,amino Solution	1016	MET-1065A	Chlorsulfuron-5-hydroxy Solution	1065
MET-357D	Alachlor ESA	357	MET-656D	Coumaphos-O-analog	656
MET-357E	Alachlor OA	357	MET-250A	Creatine	250
PS-1054	Aldicarb sulfoxide	734	MET-858B	1,2-Cyclohexanediol (cis & trans mixture)	858
PS-1055	Aldoxycarb	734	PS-41	2,4-D	42,43,306
MET-222A	2-Aminobenzimidazole	222,230,1077	PS-1100	Dalapon methyl ester	32
MET-1011C	2-Amino-N-isopropyl benzamide	1011	MET-698A	p,p'-DDA	74,699
MET-1051A	Aminomethyl phosphonic acid	1051	PS-694	o,p'-DDD	74,698
O-882	m-Aminophenol	1015	PS-72	p,p'-DDD	74,699
PS-395	Atraton	380	MET-694A	o,p'-DDD olefin	694,698
MET-380B	Atrazine desethyl	380,385	PS-695	o,p'-DDE	74,698
MET-380E	Atrazine desethyl desisopropyl-2-hydroxy	58,379,380,381,383,384,385,386,387,395,411,413,2120	PS-696	p,p'-DDE	74,699
MET-380D	Atrazine desethyl-2-hydroxy	380,383,384,385,386,395,411	MET-699B	p,p'-DDMU	699
MET-58A	Atrazine desisopropyl	58,380,387,413	PS-662	Demeton S	652
MET-380F	Atrazine-2-hydroxy	380,383,395	MET-90A	Diazinon-O-analog	90
MET-666A	Azinphos-methyl oxon Solution	666	F2083	Dichloroacetic acid	260
PS-1064	Baytan	1013	MET-372A	2,4-Dichloroaniline	372
MET-1011A	Bentazone-6-hydroxy Solution	1011	MET-2243A	2,4-Dichloroaniline	2243
MET-1011B	Bentazone-8-hydroxy Solution	1011	O-365	2,5-Dichloroaniline	314
MET-59A	Bis(p-chlorophenyl)urea	59,60,368,377	F2506	3,4-Dichloroaniline	60,356,372,377,1098
MET-60A	N,N'-Bis(3,4-dichlorophenyl)urea	60	MET-1052B	3,5-Dichloroaniline	1049,1052
MET-374B	p-Bromoaniline	374	MET-392B	2,6-Dichlorobenzamide	392
MET-1024A	4-Bromo-2-chlorophenol	1024	MET-854A	4,4'-Dichlorobenzhydrol	854
MET-677B	4-Bromo-2,5-dichlorphenol	677	MET-392A	2,6-Dichlorobenzoic acid	392
MET-2009A	4-Bromo-2,5-dichlorphenol	2009	MET-392C	2,6-Dichlorobenzoic acid methyl ester	392
PS-434	Bromoxynil octanoic acid ester	426	MET-854B	4,4'-Dichlorobenzophenone	82,854
MET-426A	Bromoxynil-heptanoate	426	MET-346B	3,6-Dichloro-2-hydroxy benzoic acid	346
MET-426B	Bromoxynil-methyl ether	426	F31	2,4-Dichlorophenol	41,42,43,44,103,1094
MET-607A	4-tert-Butyl-2-chlorophenol	607	PS-89	Dichlorvos	605,608
O-869	4-tert-Butylphenol	858	F2061S	100ug/ml in Toluene	605,608
MET-858A	2-(4-tert-Butylphenoxy)cyclohexanol	858	MET-1036B	Diclofop acid	1036
PS-1077	Carbendazim	222,230	MET-1036A	Diclofop methyl, 5-hydroxy Solution	1036
PS-754	Carbofuran	1063	MET-82A	o,p-Dicofol Solution	82
MET-754E	Carbofuran-3-keto	754	PS-76	Dieldrin	69
MET-754F	Carbofuranphenol-3-keto	754	MET-357C	2,6-Diethylaniline	348,357
F705	Carbon disulfide	1045	MET-90C	Diethyl phosphate	90
MET-88A	Carbophenothion methyl Solution	88	MET-644A	2-Diethylamino-6-methyl pyrimidin-4-ol	644
MET-88B	Carbophenothion methyl-O-analog	88	MET-404C	Difenzoquat-desmethyl methyl sulfate	404
MET-88C	Carbophenothion methyl sulfone Solution	88	MET-754D	2,3-Dihydro-2,2-dimethyl benzofuran-3,7-diol Solution	754
MET-88D	Carbophenothion methyl sulfoxide Solution	88	MET-754B	2,3-Dihydro-2,2-dimethylbenzofuran-7-ol	754
F2051	3-Chloroaniline	52,540	O-2043	Diisobutylamine	503
MET-75D	Chlordene	75	MET-2161A	Dimethenamid ESA	2161
F706	4-Chloroaniline	59,1028	MET-2161B	Dimethenamid OA	2161
O-97	2-Chlorobenzoic acid	2015	O-342	2,4-Dimethylaniline	1005
O-98	4-Chlorobenzoic acid	854	MET-739A	2,2-Dimethyl-1,3-benzodioxole-4-ol	739
MET-2015A	2-Chlorobenzonitrile	2015	F2450	Dimethyl endothal	345
MET-58C	2-Chloro-4,6-diamino-1,3,5-triazine	58,380,387,413	PS-613	Dimethyl-p-nitrophenylphosphate	94,95,610
MET-357A	2-Chloro-2',6'-diethylacetanilide	357	PS-642	Dioxydemeton-S-methyl	1096
MET-840A	4-Chloro-2-methylaniline	840	MET-652A	Disulfoton sulfone	652
MET-40A	4-Chloro-2-methylphenol	40,307,324	MET-652B	Disulfoton sulfoxide	652
MET-2078A	1-(3-Chloro-4-methylphenyl)-3-methylurea	2078	PS-81-3	Endosulfan sulfate	81
MET-669A	2-Chloro-4-nitrophenol	669	MET-81A	Endosulfan alcohol	81
F2190	4-Chlorophenol	39,854,1013,1064	MET-81B	Endosulfan ether	81
MET-1032A	2-(p-Chlorophenyl)-3-methyl butyric acid	1032	MET-81C	Endosulfan lactone	81
MET-60B	3-(4-Chlorophenyl)methyl urea	60,372	PS-77-1	Endrin aldehyde	77
MET-1028A	p-Chlorophenylurea	1028	PS-77-2	Endrin ketone	77
			O-2098	Ethanethiol	501

Metabolites

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service Metabolite Standards - Alphabetical Listing

MET#	DESCRIPTION	ASSOCIATED PS #	MET#	DESCRIPTION	ASSOCIATED PS #
MET-502A	N-Ethylcyclohexylamine .....	502	O-896	4-Nitrophenol .....	93,94,95
	<i>Ethylene thiourea see 2-Imidazol-</i>		MET-401A	Nitrosopendimethalin .....	401
	<i>idinethione</i>		MET-75B	cis-Nonachlor .....	75
MET-403A	2-[(2-Ethyl-6-methylphenyl)amino]-			(ACS Standard Grade)	
	1-propanol .....	403	MET-75C	trans-Nonachlor .....	75
				(ACS Standard Grade)	
MET-671A	Famphur-O-analog .....	671	PS-2017	Omethoate .....	659
MET-612B	Fenamiphos sulfone Solution .....	612	MET-1050A	Oxadiazon-hydroxy Solution .....	1050
MET-612A	Fenamiphos sulfoxide .....	612	MET-75A	Oxychlorane Solution .....	75
MET-657A	Fenchlorphos-oxon .....	657	PS-641	Oxydemeton-methyl .....	1096
MET-678A	Fenitrothion-O-analog Solution .....	678	PS-610	Paraoxon .....	95
MET-655C	Fenthion-O-analog Solution .....	655	MET-150A	Pentachloroaniline .....	150
MET-655A	Fenthion-sulfone .....	655	F938	Pentachlorobenzene .....	150,690
MET-655B	Fenthion sulfoxide Solution .....	655	PS-7	Pentachlorophenol .....	150,690
MET-655D	Fenthion sulfoxide .....	655	MET-690B	Pentachlorothiophenol .....	690
MET-2136A	Fipronil sulfide .....	2136	MET-758C	3-Phenoxybenzoic acid .....	758,1068,1071
MET-2136B	Fipronil sulfone .....	2136	MET-758B	m-Phenoxybenzyl alcohol .....	758
MET-2205A	Flufenacet ESA .....	2205	O-880	p-Phenylphenol .....	2032
MET-2205B	Flufenacet OA .....	2205	O-987	Phenylurea .....	61
PS-700	Heptachlor epoxide .....	78	MET-654A	Phorate-oxon Solution .....	654
F2053	3-Hydroxycarbofuran .....	754,1063	MET-654B	Phorate sulfone Solution .....	654
MET-104A	7-Hydroxycoumarin .....	104	MET-654C	Phorate sulfoxide .....	654
MET-104B	4-Hydroxycoumarin .....	104	MET-653A	Phosmet-oxon Solution .....	653
MET-346A	5-Hydroxydicamba Solution .....	346	MET-26A	Phthalamic acid .....	26
MET-671B	p-Hydroxy-N,N-dimethylbenzene		O-89	Phthalic acid .....	26,260,343
	sulfonamide .....	671	O-793	Phthalimide .....	26
MET-668B	2-Hydroxypyrazine Solution .....	668	MET-355A	Propachlor ESA .....	355
F2430	2-Imidazolidinethione .....	20,21,22,23,24,220,225	MET-355B	Propachlor OA .....	355
MET-2164A	Iminobis (methylphosphonic acid) ..	2164	MET-385A	Propazine-2-hydroxy Solution .....	384,385,386,411
MET-397A	loxynil-methyl .....	397	MET-1080A	Quizalofop .....	1080
MET-1003C	Isofenphos-des-N-isopropyl .....	1003	PS-342	Silvex methyl ester .....	47
MET-1003A	Isofenphos-des-N-isopropyl		MET-58B	Simazine hydroxy Solution .....	58
	Solution .....	1003	MET-222B	STB .....	222
MET-1003B	Isofenphos-des-N-isopropyl-O-		MET-1018A	Sulprofos sulfone Solution .....	1018
	analogue Solution .....	1003	MET-1018C	Sulprofos-sulfoxide Solution .....	1018
MET-86A	Isomalathion Solution .....	86	MET-413A	Terbutylazine desethyl .....	413
MET-90B	2-Isopropyl-6-methyl-4-pyrim-		F1085	1,2,4,5-Tetrachlorobenzene .....	151,690
	idinol .....	90	MET-690A	Tetrachlorohydroquinone .....	690
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MET-86C	Malathion-O-analog .....	86	F1098	2,3,5,6-Tetrachlorophenol .....	7,151,690
MET-86B	Malathion monocarboxylic acid		MET-33B	Tetrachloroterephthalic acid .....	33
	Solution .....	86	MET-260A	cis-1,2,3,6-Tetrahydrophthalimide ..	25,260
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PS-775	Methomyl .....	2012	F2300	2,3,6-Trichlorophenol .....	71
MET-83A	o,p'-Methoxychlor .....	83	PS-9	2,4,5-Trichlorophenol .....	45,47,71,657,690
MET-83B	p,p'-Methoxychlor-olefin .....	83	PS-10	2,4,6-Trichlorophenol .....	71,690
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MET-221A	Methyl isothiocyanate .....	17,221	PS-107	Tricyclohexyltin hydroxide .....	2063
MET-678B	3-Methyl-4-nitrophenol .....	678	MET-2057B	alpha,alpha,alpha-Trifluoro-O-toluic	
MET-1047A	N-Methylpiperidine .....	1047		acid .....	2057
MET-2166B	2-Methylsulfonyl-4-trifluoromethyl		MET-2057C	alpha,alpha,alpha-Trifluoro-3-	
	benzoic acid .....	2166		hydroxy-O-toluanilide .....	2057
MET-2166A	1-(Methylsulfonyl-4-trifluoromethyl				
	phenyl)-2-cyano-3-cyclopropyl				
	propyl-1,3-dione .....	2166			
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MET-403C	Metolachlor ESA .....	403			
MET-403D	Metolachlor OA .....	403			
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MET-33A	Monomethyl tetrachlorotere-				
	phthalate .....	33			
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F997	1,4-Naphthoquinone .....	553			
F928	a-Naphthylamine .....	343			
MET-343A	N-(1-Naphthyl)phthalimide .....	343			

For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)



## Chem Service EPA Pesticide Methods

The Chem Service General Catalog offers Reference Standards for numerous EPA Methods, including those pertaining to pesticide analysis. Pesticide standards are listed by EPA Method Number and cross referenced to all other associated EPA methodology. The Chem Service General Catalog contains neat chemicals, single component solutions, mixtures, and kits for the following methods which analyze for pesticides:

<b>EPA Method #</b>	<b>Classification</b>	<b>EPA Method #</b>	<b>Classification</b>
504/504.1	EDB & DBCP	632.1	Carbamate & Amide Pesticides
505	Organohalide Pesticides & Commercial PCBs	633	Organonitrogen Pesticides
507	Nitrogen & Phosphorous Containing Pesticides	633.1	Neutral Nitrogen Containing Pesticides
508/508.1/508A	Chlorinated Pesticides & PCBs	634	Thiocarbamate Pesticides
509	Ethylene Thiourea Determination	635	Rotenone
515.1/515.2	Chlorinated Acids	636	Bensulide
525.1/525.2	Organic Compounds/Organochlorine Pesticides	637	TCMTB & 2,2'-Dithiobis(benzothiazole)
531.1	Carbamate Pesticides	638	Oryzalin
535	Acetamide Herbicide Degradates	639	Bendiocarb
547	Glyphosate	640	Mercaptobenzothiazole
548/548.1	Endothal	641	Thiabendazole
549/549.1/549.2	Diquat/Paraquat	642	Biphenyl & o-Phenylphenol
551.1	Halogenated Pesticides & Herbicides	643	Bentazon
553	Benzidines & Nitrogen Containing Pesticides	644	Picloram
555	Chlorinated Herbicides	645	Amine Pesticides & Lethane
604.1	Phenolic Pesticides	646	Dinitroaromatic Pesticides
608/608.1/608.2	Organochlorine Pesticides & PCBs	680	Organochlorine Pesticides
614/614.1	Organophosphorous Pesticides	1618	Organohalide & Organophosphorous Pesticides
615	Chlorinated Herbicides	1656	Organohalide Pesticides
616	Carbon, Hydrogen & Oxygen Pesticide Compounds	1657	Organophosphorous Pesticides
617	Organohalide Pesticides	1658	Phenoxyacid Herbicides
618	Volatile Pesticides	1660	Pyrethrins & Pyrethroids
619	Triazine Pesticides	8080A	Organochlorine Pesticides & PCBs
622/622.1	Organophosphorous Pesticides	8081/8081A/8081B	Organochlorine Pesticides & PCBs
625	Organochlorine Pesticides	8140/8141A	Organophosphorous Pesticides
627	Dinitroaniline Pesticides	8150/8150A/8150B	Chlorinated Herbicides
629	Bladex	8151/8151A/8151B	Chlorinated Herbicides
630/630.1	Dithiocarbamate Pesticides	8250A	Organochlorine Pesticides & PCBs
631	Benomyl & Carbendazim	8318	Carbamate Pesticides
632	Carbamate & Urea Pesticides	8270/8270A/8270B	Organochlorine Pesticides & PCBs
		8321	Organophosphorous Compounds
		CLP	Pesticide & PCB Compounds
		CLP QTM	Organochlorine Pesticides & PCBs
		TCLP-1311	Organic Pesticides & Herbicides
		TO-10	Organochlorine Pesticides

To request a copy of the Chem Service General Catalog, please call +1-610-692-3026 or 1-800-452-9994, fax +1-610-692-8729 or send email to: [info@chemservice.com](mailto:info@chemservice.com).

## Chem Service EPA Pesticide Methods

### EPA Method 504/504.1

#### EDB/DBCP

##### EPA METHOD 504, 8010B, 8011

F819	1,2-Dibromo-3-chloropropane (DBCP)
F820	1,2-Dibromoethane (EDB)

2000ug/ml in Methanol - (2 components)

<b>CSHC-16JM</b>	<b>1ml Ampules</b>
<b>CSHC-16RPM</b>	<b>5x1ml Ampules</b>

### EDB/DBCP/123TCA STANDARDS MIXTURE

#### EPA METHOD 504.1

F819	1,2-Dibromo-3-chloropropane
F820	1,2-Dibromoethane
F814	1,2,3-Trichloropropane

2000ug/ml in Methanol - (3 components)

<b>CSHC-16AJM</b>	<b>1ml Ampules</b>
<b>CSHC-16ARPM</b>	<b>5x1ml Ampules</b>

### EPA Method 505

#### ORGANOHALIDE PESTICIDES & COMMERCIAL PCB'S

##### EPA METHOD 505

F2072	Alachlor
F89	Aldrin®
F107	Arochlor 1016
F108	Arochlor 1221
F113	Arochlor 1232
F109	Arochlor 1242
F110	Arochlor 1248
F111	Arochlor 1254
F112	Arochlor 1260
F2208	Atrazine
F907	cis-Chlordane
F908	trans-Chlordane
F90	Dieldrin
F98	Endrin
F100	Heptachlor
F101	Heptachlor epoxide
F9	Hexachlorobenzene
F53	Hexachlorocyclopentadiene
F104	Lindane (BHC gamma isomer)
F910	Methoxychlor
F2179	cis-Nonachlor
F2180	trans-Nonachlor
F2073	Simazine
F106	Toxaphene®

Neat compounds of each of the above - (24 component kit)

<b>OHP505-1N</b>	<b>KIT</b>
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1ml Solutions of each, in the appropriate solvent - (24 component kit)

<b>OHP505-1JS</b>	<b>KIT</b>
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### ORGANOHALIDE PESTICIDES MIXTURE #1

#### EPA METHOD 505

F2072	Alachlor
F89	Aldrin®
F90	Dieldrin
F98	Endrin
F100	Heptachlor
F101	Heptachlor epoxide
F9	Hexachlorobenzene
F104	Lindane (BHC gamma isomer)
F910	Methoxychlor

100ug/ml in Toluene - (9 components)

<b>OHP505-1JM</b>	<b>1ml Ampule</b>
<b>OHP505-1RPM</b>	<b>5x1ml Ampules</b>

### ORGANOHALIDE PESTICIDES MIXTURE #2

#### EPA METHOD 505

F2208	Atrazine
F907	cis-Chlordane
F908	trans-Chlordane
F100	Heptachlor
F53	Hexachlorocyclopentadiene
F2179	cis-Nonachlor
F2180	trans-Nonachlor
F2073	Simazine

100ug/ml in Methanol - (8 components)

<b>OHP505-2JM</b>	<b>1ml Ampule</b>
<b>OHP505-2RPM</b>	<b>5x1ml Ampules</b>

### ORGANOHALIDE PESTICIDE MIXTURES KIT

#### EPA METHOD 505

OHP505-1M	Organohalide Pesticides Mixture #1 - 505
OHP505-2M	Organohalide Pesticides Mixture #2 - 505

1ml of each of the above in the appropriate solvent - (2 component kit)

<b>MMOHP505-2</b>	<b>KIT</b>
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### ORGANOHALIDE PESTICIDES MIXTURE #3

#### EPA METHOD 505

50ug/ml	F2072	Alachlor
5ug/ml	F89	Aldrin®
1250ug/ml	F2208	Atrazine
5ug/ml	F907	cis-Chlordane
5ug/ml	F908	trans-Chlordane
5ug/ml	F90	Dieldrin
5ug/ml	F98	Endrin
5ug/ml	F100	Heptachlor
5ug/ml	F101	Heptachlor epoxide
5ug/ml	F9	Hexachlorobenzene
5ug/ml	F53	Hexachlorocyclopentadiene
5ug/ml	F104	Lindane (BHC gamma isomer)
25ug/ml	F910	Methoxychlor
5ug/ml	F2179	cis-Nonachlor
5ug/ml	F2180	trans-Nonachlor
1250ug/ml	F2073	Simazine

Mixture in Acetone - (16 components)

<b>OHP505-3JM</b>	<b>1ml Ampule</b>
<b>OHP505-3RPM</b>	<b>5x1ml Ampules</b>

### AROCHLORS, TOXAPHENE® & CHLORDANE SOLUTIONS KIT

#### EPA METHOD 505, 508, 525.2, 608, 617, 625, 1656, 8080A/ 8081, 8250A, 8270B, CLP

F107AS	Arochlor 1016 Solution
F108AS	Arochlor 1221 Solution
F113AS	Arochlor 1232 Solution
F109AS	Arochlor 1242 Solution
F110AS	Arochlor 1248 Solution
F111AS	Arochlor 1254 Solution
F112BS	Arochlor 1260 Solution
F91AS	Chlordane Solution
F106BS	Toxaphene® Solution

1ml Solutions of each, 1000ug/ml in Hexane - (9 component kit)

<b>CTA608-1JS</b>	<b>KIT</b>
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Whether it is bottled or ampuled, neat or solution, rest assured that Chem Service products not only follow an over 40 year tradition in providing highly purified materials for reference standards, but also that we will strive to continually increase the quality of our materials and services for our customers.

## Chem Service EPA Pesticide Methods

### POLYCHLORINATED BIPHENYLS

**EPA METHOD 505, 608, 617, 625, 8080A/8081, 8250A/8270B, CLP**

F107	Arochlor 1016
F108	Arochlor 1221
F113	Arochlor 1232
F109	Arochlor 1242
F110	Arochlor 1248
F111	Arochlor 1254
F112	Arochlor 1260

Neat compounds of each of the above - (7 component kit)

**PP-8N KIT**

1ml Solutions of each, 100ug/ml in Methanol - (7 component kit)

**PP-8JS KIT**

### INSTRUMENT PERFORMANCE CHECK STANDARDS

**EPA METHOD 505**

F98	1g	Endrin
F98S	5ml	100ug/ml Methanol
F99	10mg	Endrin aldehyde
F99S	5ml	100ug/ml Methanol
F2022	10mg	Endrin ketone
F2022S	5ml	100ug/ml Methanol

### ON-GOING STABILITY STUDIES

Chem Service is committed to providing our customers with high quality analytical materials. As part of our quality program, our Standards Grade materials have on-going, lot-specific testing. The testing program for all Standards Grade materials will certify the standard for purity, identity, concentration, and stability. Subsequently, through on-going testing, our Standards Grade material is tested to ensure that it has maintained the certified quality. If we detect a purity or stability problem during the on-going testing, which will affect the expiration date of a Standard's Grade material, rest assured, we will alert our customers and offer a replacement.

### EPA Method 507

#### NITROGEN & PHOSPHOROUS CONTAINING PESTICIDES

**EPA METHOD 507**

F2072	Alachlor
F2209	Ametryne
F2211	Atraton
F2208	Atrazine
F2221	Beam®
F2200	Bromacil
F2204	Butachlor
F2212	Butylate
F2203	Carboxin
F2199	Chlorpropham
F2227	Cycloate
F2238	Devrinol®
F2060	Diazinon
F2061	Dichlorvos
F2245	Dimethyl-p-nitrophenyl phosphate
F2228	Diphenamid
F993	Disulfoton
MET-652A	Disulfoton sulfone
MET-652B	Disulfoton sulfoxide
F2229	S-Ethyl dipropylthiocarbamate
F2230	Fenarimol
F2241	Metolachlor
F2237	Metribuzin
F2239	MGK 264®
F2242	Molinate
F2240	Norflurazon®
F2246	Phenamiphos
F2062	Prophos
F2066	Phosdrin®
F2210	Prometon
F2235	Prometryne
F2233	S-Propylbutylethylthiocarbamate
F1083	Propyzamide
F2236	Propazine
F2073	Simazine
F2234	Simetryn
F2231	Sonar®
F2243	Tebuthiuron
F2206	Terbacil
F2137	Terbufos
F2207	Terbutryne
F2069	Tetrachlorvinphos
F2218	Triadimefon
F2065	Tributylphosphorotrithioite
F2232	Velpar
F2213	Vernolate

NOTES: MET-652A, Disulfoton sulfone and MET-652B, Disulfoton sulfoxide are sold in 100mg only, but are supplied in the solution kit.

Neat compounds of each of the above - (46 component kit)

**NPP-507N KIT**

1ml Solutions of each, in the appropriate solvent - (46 component kit)

**NPP-507JS KIT**

### PESTICIDES MIXTURE #1

**EPA METHOD 507, 525.2**

F2209	Ametryne
F2227	Cycloate
F993	Disulfoton
F2246	Phenamiphos
F2210	Prometon
F2065	Tributylphosphorotrithioite

1000ug/ml in tert-Butylmethyl ether - (6 components)

**PM507-1JM 1ml Ampule**  
**PM507-1RPM 5x1ml Ampules**

**EPA Methods**

**WE ACCEPT...**



**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service EPA Pesticide Methods

### PESTICIDES MIXTURE #2

EPA METHOD 507,525.2

F2208	Atrazine
F2228	Diphenamid
F2229	S-Ethyl dipropylthiocarbamate
F2066	Phosdrin®
F2235	Prometryne
F2236	Propazine
F2062	Prophos
F2207	Terbutryne
F2218	Triadimefop

1000ug/ml in tert-Butylmethyl ether - (9 components)

**PM507-2JM**                   1ml Ampule  
**PM507-2RPM**               5x1ml Ampules

### PESTICIDES MIXTURE #3

EPA METHOD 507,525.2

F2204	Butachlor
F2203	Carboxin
F2060	Diazinon
F2241	Metolachlor
F2237	Metribuzin
F2239	MGK 264®
F2240	Norflurazon®
F2137	Terbufos
F2213	Vernolate

1000ug/ml in tert-Butylmethyl ether - (9 components)

**PM507-3JM**                   1ml Ampule  
**PM507-3RPM**               5x1ml Ampules

### PESTICIDES MIXTURE #4

EPA METHOD 507,525.2

F2072	Alachlor
F2211	Atraton
F2221	Beam®
F2200	Bromacil
F2212	Butylate
F2199	Chlorpropham
F2242	Molinate
F1083	Propyzamide
F2069	Tetrachlorvinphos
F2232	Velpar

1000ug/ml in tert-Butylmethyl ether - (10 components)

**PM507-4JM**                   1ml Ampule  
**PM507-4RPM**               5x1ml Ampules

### PESTICIDES MIXTURE #5

EPA METHOD 507,525.2

F2238	Devrinol®
F2061	Dichlorvos
F2230	Fenarimol
F2233	S-Propyl butylethylthiocarbamate
F2234	Simetryn
F2231	Sonar®
F2243	Tebuthiuron
F2206	Terbacil

1000ug/ml in tert-Butylmethyl ether - (8 components)

**PM507-5JM**                   1ml Ampule  
**PM507-5RPM**               5x1ml Ampules

### NITROGEN & PHOSPHOROUS CONTAINING PESTICIDES MIXTURES KIT

EPA METHOD 507

PM507-1JM	Pesticides Mixture #1 - 507
PM507-2JM	Pesticides Mixture #2 - 507
PM507-3JM	Pesticides Mixture #3 - 507
PM507-4JM	Pesticides Mixture #4 - 507
PM507-5JM	Pesticides Mixture #5 - 507

1ml of each, in tert-Butylmethyl ether - (5 component kit)  
**MMPM507-5**               KIT

### LABORATORY PERFORMANCE CHECK MIXTURE

EPA METHOD 507

15ug/ml	F2208	Atrazine
500ug/ml	F2200	Bromacil
250ug/ml	F2051	1,3-Dimethyl-2-nitrobenzene
30ug/ml	F2210	Prometon
250ug/ml	F2052	Triphenyl phosphate
5ug/ml	F2213	Vernolate

Mixture in tert-Butylmethyl ether - (6 components)

**LPC-507JM**                   1ml Ampule  
**LPC-507RPM**               5x1ml Ampules

### SUPPLEMENTAL PESTICIDES KIT

EPA METHOD 507

F2245	Dimethyl-p-nitrophenylphosphate
MET-652A	Disulfoton sulfone
MET-652B	Disulfoton sulfoxide
F2073	Simazine

Neat compounds of each of the above - (4 component kit)

**PM507-6N**                   KIT

### SIMAZINE STANDARDS

EPA METHOD 507,8141A

F2073	100mg	Simazine
F2073JS	1ml	100ug/mlMethanol
F2073RPS	5x1ml	100ug/mlMethanol
F2073AJS	1ml	1000ug/mlAcetone (Ampule)
F2073ARPS	5x1ml	1000ug/mlAcetone (Ampule)

### MERPHOS CALIBRATION STANDARDS

EPA METHOD 507,622,1657,8140/8141A,8321

F2214	1g	S.S.S-Tributylphosphorotrithioate
F2214JS	1ml	100ug/mltert-Butylmethyl ether (Ampule)
F2214RPS	5x1ml	100ug/mltert-Butylmethyl ether (Ampule)

### INTERNAL STANDARDS

EPA METHOD 507

F2052	5g	Triphenyl phosphate
F2052JS	1ml	500ug/mltert-Butylmethyl ether (Ampule)
F2052RPS	5x1ml	500ug/mltert-Butylmethyl ether (Ampule)
F2287	5g	o-Nitrotoluene
F2287JS	1ml	2500ug/mltert-Butylmethyl ether (Ampule)
F2287RPS	5x1ml	2500ug/mltert-Butylmethyl ether (Ampule)
F2287AJS	1ml	1000ug/mlAcetonitrile
F2287ARPS	5x1ml	1000ug/mlAcetonitrile

### SURROGATE STANDARDS

EPA METHOD 507

F2051	5g	1,3-Dimethyl-2-nitrobenzene
F2051JS	1ml	2000ug/mltert-Butylmethyl ether (Ampule)
F2051RPS	5x1ml	2000ug/mltert-Butylmethyl ether (Ampule)
F2051AJS	1ml	2500ug/mltert-Butylmethyl ether (Ampule)
F2051ARPS	5x1ml	2500ug/mltert-Butylmethyl ether (Ampule)

Chem Service's pesticide and metabolite standards are internationally recognized for their superior quality. These standards, whether sold as neat products, or as solutions, are certified for purity, identity, stability and are traceable by lot.

## Chem Service EPA Pesticide Methods

### EPA Method 508/508.1/508A

#### CHLORINATED PESTICIDES & PCB'S

EPA METHOD 508

F89	Aldrin®
F107	Arochlor 1016
F108	Arochlor 1221
F113	Arochlor 1232
F109	Arochlor 1242
F110	Arochlor 1248
F111	Arochlor 1254
F112	Arochlor 1260
F102	BHC (alpha isomer)
F103	BHC (beta isomer)
F105	BHC (delta isomer)
F907	cis-Chlordane
F908	trans-Chlordane
F2201	Chloroneb
F986	Chlorobenzilate
F2220	Chlorothalonil
F2040	Chlorthal
F94	4,4'-DDD
F93	4,4'-DDE
F92	4,4'-DDT
F90	Dieldrin
F202	a-Endosulfan
F203	b-Endosulfan
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F2022	Endrin ketone
F100	Heptachlor
F101	Heptachlor epoxide
F9	Hexachlorobenzene
F104	Lindane (BHC gamma isomer)
F910	Methoxychlor
F2216	Permethrin
F2205	Propachlor
F2202	Terrazole®
F106	Toxaphene®
F2140	Trifluralin

Neat compounds of each of the above (37 component kit)  
**CPW-508N KIT**

1ml Solutions of each, in the appropriate solvent - (37 component kit)  
**CPW-508JS KIT**

#### ORGANOCHLORINE PESTICIDES MIXTURE #1

EPA METHOD 508/508.1, 525.2, 608, 617, 625, 8080A/8081, 8250A/8270B, CLP

F89	Aldrin®
F102	BHC (alpha isomer)
F103	BHC (beta isomer)
F105	BHC (delta isomer)
F907	cis-Chlordane
F908	trans-Chlordane
F94	4,4'-DDD
F93	4,4'-DDE
F92	4,4'-DDT
F90	Dieldrin
F202	a-Endosulfan
F203	b-Endosulfan
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F2022	Endrin ketone
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (BHC gamma isomer)
F910	Methoxychlor

1000ug/ml in tert-Butylmethyl ether - (20 components)  
**OCP508-1JM 1ml Ampule**  
**OCP508-1RPM 5x1ml Ampules**

#### AROCHLORS, TOXAPHENE® & CHLORDANE SOLUTIONS KIT

EPA METHOD 508, 505, 525.2, 608, 617, 625, 1656, 8080A/8081, 8250A/8270B, CLP

F107AJS	Arochlor 1016 Solution
F108AJS	Arochlor 1221 Solution
F113AJS	Arochlor 1232 Solution
F109AJS	Arochlor 1242 Solution
F110AJS	Arochlor 1248 Solution
F111AJS	Arochlor 1254 Solution
F112BJS	Arochlor 1260 Solution
F91AJS	Chlordane Solution
F106BJS	Toxaphene® Solution

1ml Solutions of each, 1000ug/ml in Hexane - (9 component kit)  
**CTA608-1JS KIT**

#### ORGANOCHLORINE PESTICIDES MIXTURE #2

EPA METHOD 508/508.1, 525.2

F2201	Chloroneb
F986	Chlorobenzilate
F2220	Chlorothalonil
F2040	Chlorthal
F9	Hexachlorobenzene
F2216	Permethrin
F2205	Propachlor
F2202	Terrazole®
F2140	Trifluralin

1000ug/ml in tert-Butylmethyl ether - (9 components)

**OCP508-2JM 1ml Ampule**  
**OCP508-2RPM 5x1ml Ampules**

#### ORGANOCHLORINE PESTICIDES MIXTURE #3

EPA METHOD 508.1

F2072	Alachlor
F2208	Atrazine
F2487	Bladex
F53	Hexachlorocyclopentadiene
F2241	Metolachlor
F2237	Metribuzin
F2073	Simazine

500ug/ml in Ethyl acetate - (7 components)

**OCP508-3JM 1ml Ampule**  
**OCP508-3RPM 5x1ml Ampules**

#### DEGRADATION CALIBRATION MIXTURE

EPA METHOD 508/508.1, 525.2, 608, 617, 625, 1618, 1656, 8080A/8081, 8250A/8270B, CLP

200ug/ml	F92	4,4'-DDT
100ug/ml	F98	Endrin

Mixture in tert-Butylmethyl ether - (2 components)

**DC-508JM 1ml Ampule**  
**DC-508RPM 5x1ml Ampules**

#### DEGRADATION PRODUCTS MIXTURE

EPA METHOD 508/508.1, 525.2, 608, 617, 625, 1618, 1656, 8080A/8081, 8250A/8270B, CLP

200ug/ml	F93	4,4'-DDE
200ug/ml	F94	4,4'-DDD
100ug/ml	F99	Endrin aldehyde
100ug/ml	F2022	Endrin ketone

Mixture in tert-Butylmethyl ether - (4 components)

**DP508-1JM 1ml Ampule**  
**DP508-1RPM 5x1ml Ampules**

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service EPA Pesticide Methods

### ORGANOCHLORINE PESTICIDES MIXTURES

EPA METHOD 508/508.1, 608, 617, 625, 8080A/8081, 8250A/8270B, CLP

F89	Aldrin®
F102	BHC (alpha isomer)
F103	BHC (beta isomer)
F105	BHC (delta isomer)
F104	Lindane
F94	4,4'-DDD
F93	4,4'-DDE
F92	4,4'-DDT
F90	Dieldrin
F202	Endosulfan I
F203	Endosulfan II
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F100	Heptachlor
F101	Heptachlor epoxide
F910	Methoxychlor

100ug/ml in Toluene:Hexane (50:50) - (17 components)

<b>OCP-8080JM</b>	<b>1ml Ampule</b>
<b>OCP-8080RPM</b>	<b>5x1ml Ampules</b>

100ug/ml in Toluene:Hexane (50:50), less Methoxychlor - (16 components)

<b>PPO-8JM</b>	<b>1ml Ampule</b>
<b>PPO-8RPM</b>	<b>5x1ml Ampules</b>

2000ug/ml in Toluene:Hexane (50:50), less Methoxychlor - (16 components)

<b>PP-HC5JM</b>	<b>1ml Ampule</b>
<b>PP-HC5RPM</b>	<b>5x1ml Ampules</b>

### LABORATORY PERFORMANCE CHECK MIXTURE

EPA METHOD 508/508.1

40ug/ml	F105	BHC (delta isomer)
50ug/ml	F2220	Chlorothalonil
2ug/ml	F2057	Chlorpyrifos
50ug/ml	F2040	Chlorthal

Mixture in tert-Butylmethyl ether - (4 components)

<b>LPC-508JM</b>	<b>1ml Ampule</b>
<b>LPC-508RPM</b>	<b>5x1ml Ampules</b>

### DECACHLOROBIPHENYL STANDARDS

EPA METHOD 508A

F2170	10mg	Decachlorobiphenyl
F2170JS	1ml	1000ug/mlHexane (Ampule)
F2170RPS	5x1ml	1000ug/mlHexane (Ampule)
F2170AJS	1ml	100ug/mlHexane (Ampule)
F2170ARPS	5x1ml	100ug/mlHexane (Ampule)
F2170BJS	1ml	500ug/mlAcetone (Ampule)
F2170BRPS	5x1ml	500ug/mlAcetone (Ampule)
F2170CJS	1ml	1000ug/mlToluene (Ampule)
F2170CRPS	5x1ml	1000ug/mlToluene (Ampule)

### AROCHLOR 1260 STANDARDS

EPA METHOD 508A

F112	50mg	Arochlor 1260
F112JS	1ml	100ug/mlMethanol
F112RPS	5x1ml	100ug/mlMethanol
F112AJS	1ml	2000ug/mlMethanol
F112ARPS	5x1ml	2000ug/mlMethanol
F112BJS	1ml	1000ug/mlHexane (Ampule)
F112BRPS	5x1ml	1000ug/mlHexane (Ampule)

### 2-CHLOROBIPHENYL STANDARDS

EPA METHOD 508A

2800G	50mg	2-Chlorobiphenyl
2800GS	2ml	100ug/ml Hexane

### INTERNAL STANDARDS

EPA METHOD 508/508.1

F999	1g	Pentachloronitrobenzene
F999JS	1ml	100ug/mlMethanol
F999RPS	5x1ml	100ug/mlMethanol
F999AJS	1ml	1000ug/mlSooctane (Ampule)
F999ARPS	5x1ml	1000ug/mlSooctane (Ampule)
F999BJS	1ml	2000ug/mlEthyl acetate (Ampule)
F999BRPS	5x1ml	2000ug/mlEthyl acetate (Ampule)

### SURROGATE STANDARDS

EPA METHOD 508/508.1

F2174	10mg	4,4'-Dichlorobiphenyl
F2174JS	1ml	2000ug/mltert-Butylmethyl ether (Ampule)
F2174RPS	5x1ml	2000ug/mltert-Butylmethyl ether (Ampule)
F2174AJS	1ml	100ug/mlHexane (Ampule)
F2174ARPS	5x1ml	100ug/mlHexane (Ampule)

### SURROGATE STANDARDS

EPA METHOD 508.1

F2172	500mg	4,4'-Dibromobiphenyl
F2172JS	1ml	1000ug/mlMethylene chloride (Ampule)
F2172RPS	5x1ml	1000ug/mlMethylene chloride (Ampule)
F2172AJS	1ml	100ug/mlHexane (Ampule)
F2172ARPS	5x1ml	100ug/mlHexane (Ampule)
F2172BJS	1ml	2000ug/mlEthyl acetate (Ampule)
F2172BRPS	5x1ml	2000ug/mlEthyl acetate (Ampule)

## EPA Method 509

### ETHYLENE THIOUREA STANDARDS

EPA METHOD 509

F2430	5g	2-Imidazolidinethione
F2430AJS	1ml	100ug/mlEthyl acetate containing 0.1% DTT (Ampule)
F2430ARPS	5x1ml	100ug/mlEthyl acetate containing 0.1% DTT (Ampule)

### FREE RADICAL SCAVENGER STANDARDS

EPA METHOD 509

F2447	100mg	Dithiothreitol (DTT)
F2447JS	1ml	1000ug/mlEthyl acetate (Ampule)
F2447RPS	5x1ml	1000ug/mlEthyl acetate (Ampule)

### INTERNAL STANDARDS

EPA METHOD 509

F2448	1g	3,4,5,6-Tetrahydro-2-pyrimidinethiol
F2448JS	1ml	100ug/mlEthyl acetate containing 0.1% DTT (Ampule)
F2448RPS	5x1ml	100ug/mlEthyl acetate containing 0.1% DTT (Ampule)

### SURROGATE STANDARDS

EPA METHOD 509

F2449	250mg	Propylene thiourea
F2449JS	1ml	100ug/mlEthyl acetate containing 0.1% DTT (Ampule)
F2449RPS	5x1ml	100ug/mlEthyl acetate containing 0.1% DTT (Ampule)

## Chem Service EPA Pesticide Methods

### LABORATORY PERFORMANCE CHECK MIXTURE

#### EPA METHOD 509

1ug/ml	F2430	2-Imidazolidinethione
10ug/ml	F2449	Propylene thiourea
100ug/ml	F2448	3,4,5,6-Tetrahydro-2-pyrimidinethiol

Mixture in Ethyl acetate contain 0.1% of DTT - (3 components)  
**LPC509-1JM**                      **1ml Ampule**  
**LPC509-1RPM**                    **5x1ml Ampules**

### EPA Method 515.1/515.2

#### CHLORINATED ACIDS

##### EPA METHOD 515.1/515.2/515.3

F2037	Acifluorfen
F2038	Bentazon
F2039	Chloramben
F954	2,4-D
F956	Dalapon
F958	2,4-DB
F960	Dicamba
F2034	3,5-Dichlorobenzoic acid
F962	Dichlorprop
F964	Dinoseb
MET-346A	5-Hydroxydicamba
F58	4-Nitrophenol
F64	Pentachlorophenol
F2041	Picloram
F970	Silvex
F972	2,4,5-T <sup>®</sup>
F2178	Tetrachloroterephthalic acid

NOTE: 5-Hydroxydicamba (MET-346A), is supplied as 100ug/ml in Acetone:Water (90:10) in both the neat and solution kit.

Neat compounds of each of the above - (17 component kit)  
**CA-515N**                              **KIT**

1ml Solutions of each, in the appropriate solvent - (17 component kit)  
**CA-515JS**                            **KIT**

#### METHYLATED CHLORINATED ACIDS

##### EPA METHOD 515.1/515.2/515.3

F2224	Acifluorfen methyl ester
F2244	Bentazon methyl derivative
F2226	Chloramben methyl ester
F2040	Chlorthal
F955	2,4-D methyl ester
F957	Dalapon methyl ester
F959	2,4-DB methyl ester
F961	Dicamba methyl ester
F2223	3,5-Dichlorobenzoic acid methyl ester
F963	Dichlorprop methyl ester
F965	Dinoseb methyl ether
MET-346A	5-Hydroxydicamba
F2175	p-Nitroanisole
F2156	Pentachloroanisole
F2155	Picloram methyl ester
F971	Silvex methyl ester
F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester

NOTES: 5-Hydroxydicamba (MET-346A), is supplied as 100ug/ml in Acetone:Water (90:10) for both the neat and solution kit. It is not a methyl ester.

Neat compounds of each of the above - (17 component kit)  
**MCA-515N**                            **KIT**

1ml Solutions of each, in the appropriate solvent - (17 component kit)  
**MCA-515JS**                        **KIT**

### CHLORINATED ACIDS MIXTURE

#### EPA METHOD 515.1

100ug/ml	F2037	Acifluorfen
200ug/ml	F2038	Bentazon
100ug/ml	F2039	Chloramben
200ug/ml	F954	2,4-D
1300ug/ml	F956	Dalapon
800ug/ml	F958	2,4-DB
100ug/ml	F960	Dicamba
100ug/ml	F2034	3,5-Dichlorobenzoic acid
300ug/ml	F962	Dichlorprop
200ug/ml	F964	Dinoseb
100ug/ml	F58	4-Nitrophenol
100ug/ml	F64	Pentachlorophenol
100ug/ml	F2041	Picloram
100ug/ml	F970	Silvex
100ug/ml	F972	2,4,5-T <sup>®</sup>
20ug/ml	F2178	Tetrachloroterephthalic acid

Mixture in tert-Butylmethyl ether - (16 components)  
**CA-515JM**                            **1ml Ampule**  
**CA-515RPM**                        **5x1ml Ampules**

### METHYLATED CHLORINATED ACIDS MIXTURE #2

#### EPA METHOD 515.1

100ug/ml	F2224	Acifluorfen methyl ester
200ug/ml	F2244	Bentazon methyl derivative
100ug/ml	F2226	Chloramben methyl ester
20ug/ml	F2040	Chlorthal
200ug/ml	F955	2,4-D methyl ester
1300ug/ml	F957	Dalapon methyl ester
800ug/ml	F959	2,4-DB methyl ester
100ug/ml	F961	Dicamba methyl ester
100ug/ml	F2223	3,5-Dichlorobenzoic acid methyl ester
300ug/ml	F963	Dichlorprop methyl ester
200ug/ml	F965	Dinoseb methyl ether
100ug/ml	F2175	p-Nitroanisole
100ug/ml	F2156	Pentachloroanisole
100ug/ml	F2155	Picloram methyl ester
100ug/ml	F971	Silvex methyl ester
100ug/ml	F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester

Mixture in tert-Butylmethyl ether - (16 components)  
**MCA-515AJM**                       **1ml Ampule**  
**MCA-515ARPM**                    **5x1ml Ampules**

### CHLORINATED ACIDS MIXTURE #2

#### EPA METHOD 515.1

F2037	Acifluorfen
F2038	Bentazon
F2039	Chloramben
F954	2,4-D
F956	Dalapon
F958	2,4-DB
F960	Dicamba
F2034	3,5-Dichlorobenzoic acid
F962	Dichlorprop
F964	Dinoseb
F58	4-Nitrophenol
F64	Pentachlorophenol
F2041	Picloram
F970	Silvex
F972	2,4,5-T <sup>®</sup>
F2178	Tetrachloroterephthalic acid

1000ug/ml in tert-Butylmethyl ether - (16 components)  
**CA-515AJM**                           **1ml Ampule**  
**CA-515ARPM**                       **5x1ml Ampules**

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service EPA Pesticide Methods

### METHYLATED CHLORINATED ACIDS MIXTURE

#### EPA METHOD 515.1

F2224	Acifluorfen methyl ester
F2244	Bentazon methyl derivative
F2226	Chloramben methyl ester
F2040	Chlorthal
F955	2,4-D methyl ester
F957	Dalapon methyl ester
F959	2,4-DB methyl ester
F961	Dicamba methyl ester
F2223	3,5-Dichlorobenzoic acid methyl ester
F963	Dichlorprop methyl ester
F965	Dinoseb methyl ether
F2175	p-Nitroanisole
F2156	Pentachloroanisole
F2155	Picloram methyl ester
F971	Silvex methyl ester
F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester

1000ug/ml in tert-Butylmethyl ether - (16 components)

**MCA-515JM** 1ml Ampule  
**MCA-515RPM** 5x1ml Ampules

### CHLORINATED HERBICIDES MIXTURE #A

#### EPA METHOD 515.1, 8150B

F954	2,4-D
F970	Silvex
F972	2,4,5-T

2000ug/ml in Acetone - (3 components)

**CSHC-14AJM** 1ml Ampule  
**CSHC-14ARPM** 5x1ml Ampules

### CHLORINATED HERBICIDE ESTERS MIXTURE

#### EPA METHOD 515.1, 8150B

F955	2,4-D methyl ester
F971	Silvex methyl ester
F973	2,4,5-T methyl ester

2000ug/ml in Hexane - (3 components)

**CSHC-14JM** 1ml Ampule  
**CSHC-14RPM** 5x1ml Ampules

### CHLORINATED ACIDS MIXTURE #1

#### EPA METHOD 515.2

500ug/ml	F2034	3,5-Dichlorobenzoic acid
100ug/ml	F962	Dichlorprop
200ug/ml	F964	Dinoseb
100ug/ml	F64	Pentachlorophenol
100ug/ml	F972	2,4,5-T <sup>®</sup>
100ug/ml	F2178	Tetrachloroterephthalic acid

Mixture in tert-Butylmethyl ether - (6 components)

**CA515-1JM** 1ml Ampule  
**CA515-1RPM** 5x1ml Ampules

### METHYLATED CHLORINATED ACIDS MIXTURE #1

#### EPA METHOD 515.2

100ug/ml	F2040	Chlorthal
500ug/ml	F2223	3,5-Dichlorobenzoic acid methyl ester
100ug/ml	F963	Dichlorprop methyl ester
200ug/ml	F965	Dinoseb methyl ether
100ug/ml	F2156	Pentachloroanisole
100ug/ml	F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester

Mixture in Methanol - (6 components)

**MCA515-1JM** 1ml Ampule  
**MCA515-1RPM** 5x1ml Ampules

### CHLORINATED ACIDS MIXTURE #2

#### EPA METHOD 515.2

200ug/ml	F2037	Acifluorfen
1000ug/ml	F2038	Bentazon
100ug/ml	F954	2,4-D
1000ug/ml	F958	2,4-DB
300ug/ml	F960	Dicamba
300ug/ml	F2041	Picloram
100ug/ml	F970	Silvex

Mixture in tert-Butylmethyl ether - (7 components)

**CA515-2JM** 1ml Ampule  
**CA515-2RPM** 5x1ml Ampules

### METHYLATED CHLORINATED ACIDS MIXTURE #2

#### EPA METHOD 515.2

200ug/ml	F2224	Acifluorfen methyl ester
1000ug/ml	F2244	Bentazon methyl derivative
100ug/ml	F955	2,4-D methyl ester
1000ug/ml	F959	2,4-DB methyl ester
300ug/ml	F961	Dicamba methyl ester
300ug/ml	F2155	Picloram methyl ester
100ug/ml	F971	Silvex methyl ester

Mixture in Methanol - (7 components)

**MCA515-2JM** 1ml Ampule  
**MCA515-2RPM** 5x1ml Ampules

### CHLORINATED ACIDS MIXTURE #3

#### EPA METHOD 515.3

500ug/ml	F2037	Acifluorfen
1000ug/ml	F2038	Bentazon
500ug/ml	F2039	Chloramben
1000ug/ml	F954	2,4-D
1000ug/ml	F956	Dalapon
1000ug/ml	F958	2,4-DB
500ug/ml	F960	Dicamba
500ug/ml	F2034	3,5-Dichlorobenzoic acid
1000ug/ml	F962	Dichlorprop
1000ug/ml	F964	Dinoseb
1000ug/ml	F58	4-Nitrophenol
100ug/ml	F64	Pentachlorophenol
1000ug/ml	F2041	Picloram
250ug/ml	F970	Silvex
250ug/ml	F972	2,4,5-T <sup>®</sup>
500ug/ml	F2178	Tetrachloroterephthalic acid

Mixture in tert-Butylmethyl ether - (16 components)

**CA515-3JM** 1ml Ampule  
**CA515-3RPM** 5X1ml Ampules

### METHYLATED CHLORINATED ACIDS MIXTURE #3

#### EPA METHOD 515.3

500ug/ml	F2224	Acifluorfen methyl ester
1000ug/ml	F2244	Bentazon methyl derivative
500ug/ml	F2226	Chloramben methyl ester
500ug/ml	F2040	Chlorthal
1000ug/ml	F955	2,4-D methyl ester
1000ug/ml	F957	Dalapon methyl ester
1000ug/ml	F959	2,4-DB methyl ester
500ug/ml	F961	Dicamba methyl ester
500ug/ml	F2223	3,5-Dichlorobenzoic acid methyl ester
1000ug/ml	F963	Dichlorprop methyl ester
1000ug/ml	F965	Dinoseb methyl ether
1000ug/ml	F2175	p-Nitroanisole
100ug/ml	F2156	Pentachloroanisole
1000ug/ml	F2155	Picloram methyl ester
250ug/ml	F971	Silvex methyl ester
250ug/ml	F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester

Mixture in tert-Butylmethyl ether - (16 components)

**MCA515-3JM** 1ml Ampule  
**MCA515-3RPM** 5x1ml Ampules



## Chem Service EPA Pesticide Methods

### LABORATORY PERFORMANCE CHECK MIXTURE

#### EPA METHOD 515.1/515.2

250ug/ml	F905	4,4'-Dibromooctafluorobiphenyl
600ug/ml	F2034	3,5-Dichlorobenzoic acid
500ug/ml	F2035	2,4-Dichlorophenylacetic acid
4ug/ml	F964	Dinoseb
1600ug/ml	F58	4-Nitrophenol

Mixture in tert-Butylmethyl ether - (5 components)

**LPC-515JM** 1ml Ampule  
**LPC-515RPM** 5x1ml Ampules

### METHYLATED LABORATORY PERFORMANCE CHECK MIXTURE

#### EPA METHOD 515.1/515.2

250ug/ml	F905	4,4'-Dibromooctafluorobiphenyl
600ug/ml	F2223	3,5-Dichlorobenzoic acid methyl ester
500ug/ml	F2036	2,4-Dichlorophenylacetic acid methyl ester
4ug/ml	F965	Dinoseb methyl ether
1600ug/ml	F2175	p-Nitroanisole

Mixture in tert-Butylmethyl ether - (5 components)

**MLPC-515JM** 1ml Ampule  
**MLPC-515RPM** 5x1ml Ampules

### SURROGATE STANDARDS

#### EPA METHOD 515.1/515.2/515.3

F2035	100mg	2,4-Dichlorophenylacetic acid
F2035JS	1ml	2000ug/ml Acetone (Ampule)
F2035RPS	5x1ml	2000ug/ml Acetone (Ampule)
F2035AJS	1ml	100ug/ml tert-Butylmethyl ether (Ampule)
F2035ARPS	5x1ml	100ug/ml tert-Butylmethyl ether (Ampule)
F2035BJS	1ml	5000ug/ml tert-Butylmethyl ether (Ampule)
F2035BRPS	5x1ml	5000ug/ml tert-Butylmethyl ether (Ampule)
F2036	100mg	2,4-Dichlorophenylacetic acid methyl ester
F2036JS	1ml	100ug/ml Acetone (Ampule)
F2036RPS	5x1ml	100ug/ml Acetone (Ampule)
F2036AJS	1ml	2000ug/ml Acetone (Ampule)
F2036ARPS	5x1ml	2000ug/ml Acetone (Ampule)
F2036BJS	1ml	5000ug/ml Methanol
F2036BRPS	5x1ml	5000ug/ml Methanol

### INTERNAL STANDARDS

#### EPA METHOD 515.1/515.2/515.3

F905	100mg	4,4'-Dibromooctafluorobiphenyl
F905JS	1ml	2000ug/ml Methylene chloride (Ampule)
F905RPS	5x1ml	2000ug/ml Methylene chloride (Ampule)
F905AJS	1ml	100ug/ml tert-Butylmethyl ether (Ampule)
F905ARPS	5x1ml	100ug/ml tert-Butylmethyl ether (Ampule)
F905BJS	1ml	5000ug/ml Methanol
F905BRPS	5x1ml	5000ug/ml Methanol
F905CJS	1ml	2000ug/ml tert-Butylmethyl ether (Ampule)
F905CRPS	5x1ml	2000ug/ml tert-Butylmethyl ether (Ampule)

### EPA Method 525.1/525.2

#### ORGANOCHLORINE PESTICIDES MIXTURE

##### EPA METHOD 525.1/525.2

F2072	Alachlor
F89	Aldrin®
F2208	Atrazine
F907	cis-Chlordane
F908	trans-Chlordane
F98	Endrin
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane
F910	Methoxychlor
F2180	trans-Nonachlor
F2073	Simazine

100ug/ml in Acetone - (12 components)

**OCP-525JM** 1ml Ampule  
**OCP-525RPM** 5x1ml Ampules

#### ORGANOCHLORINE PESTICIDES MIXTURE #2

##### EPA METHOD 525.2

F2072	Alachlor
F89	Aldrin®
F2208	Atrazine
F907	cis-Chlordane
F908	trans-Chlordane
F98	Endrin
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (BHC gamma isomer)
F910	Methoxychlor
F2180	trans-Nonachlor
F2073	Simazine

500ug/ml in Acetone - (12 components)

**OCPH-525JM** 1ml Ampule  
**OCPH-525RPM** 5x1ml Ampules

#### PESTICIDES MIXTURE #1

##### EPA METHOD 525.2, 507

F2209	Ametryne
F2227	Cycloate
F993	Disulfoton
F2246	Phenamiphos
F2210	Prometon
F2065	Tributylphosphorotrithioite

1000ug/ml in tert-Butylmethyl ether - (6 components)

**PM507-1JM** 1ml Ampule  
**PM507-1RPM** 5x1ml Ampules

#### PESTICIDES MIXTURE #2

##### EPA METHOD 525.2, 507

F2208	Atrazine
F2228	Diphenamid
F2229	S-Ethyl dipropylthiocarbamate
F2066	Phosdrin®
F2235	Prometryne
F2236	Propazine
F2062	Propfos
F2207	Terbutryne
F2218	Triadimefon

1000ug/ml in tert-Butylmethyl ether - (9 components)

**PM507-2JM** 5ml Ampule  
**PM507-2RPM** 5x1ml Ampules

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service EPA Pesticide Methods

### PESTICIDES MIXTURE #3

EPA METHOD 525.2, 507

F2204	Butachlor
F2203	Carboxin
F2060	Diazinon
F2241	Metolachlor
F2237	Metribuzin
F2239	MGK 264®
F2240	Norflurazon®
F2137	Terbufos
F2213	Vernolate

1000ug/ml in tert-Butylmethyl ether - (9 components)

**PM507-3JM**                    1ml Ampule  
**PM507-3RPM**                5x1ml Ampules

### PESTICIDES MIXTURE #4

EPA METHOD 525.2, 507

F2072	Alachlor
F2211	Atraton
F2221	Beam®
F2200	Bromacil
F2212	Butylate
F2199	Chlorpropham
F2242	Molinate
F1083	Propyzamide
F2069	Tetrachlorvinphos
F2232	Velpar

1000ug/ml in tert-Butylmethyl ether - (10 components)

**PM507-4JM**                    1ml Ampule  
**PM507-4RPM**                5x1ml Ampules

### PESTICIDES MIXTURE #5

EPA METHOD 525.2, 507

F2238	Devrinol®
F2061	Dichlorvos
F2230	Fenarimol
F2233	S-Propyl butylethylthiocarbamate
F2234	Simetryn
F2231	Sonar®
F2243	Tebuthiuron
F2206	Terbacil

1000ug/ml in tert-Butylmethyl ether - (8 components)

**PM507-5JM**                    1ml Ampule  
**PM507-5RPM**                5x1ml Ampules

### ORGANOCHLORINE PESTICIDES MIXTURE #1

EPA METHOD 525.2, 508/508.1, 608, 617, 625, 8080A/8081, 8250A, 8270B, CLP

F89	Aldrin®
F102	BHC (alpha isomer)
F103	BHC (beta isomer)
F105	BHC (delta isomer)
F907	cis-Chlordane
F908	trans-Chlordane
F94	4,4-DDD
F93	4,4-DDE
F92	4,4-DDT
F90	Dieldrin
F202	a-Endosulfan
F203	b-Endosulfan
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F2022	Endrin ketone
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (BHC gamma isomer)
F910	Methoxychlor

1000ug/ml in tert-Butylmethyl ether - (20 components)

**OCP508-1JM**                    1ml Ampule  
**OCP508-1RPM**                5x1ml Ampules

### DEGRADATION CALIBRATION MIXTURE

EPA METHOD 525.2, 508/508.1, 608, 617, 625, 1618, 1656, 8080A/8081, 8250A/8270B, CLP

200ug/ml	F92	4,4'-DDT
100ug/ml	F98	Endrin

Mixture in tert-Butylmethyl ether - (2 components)

**DC-508JM**                    1ml Ampule  
**DC-508RPM**                5x1ml Ampules

### DEGRADATION PRODUCTS MIXTURE

EPA METHOD 525.2, 508/508.1, 608, 617, 625, 1618, 1656, 8080A/8081, 8250A/8270B, CLP

200ug/ml	F93	4,4'-DDE
200ug/ml	F94	4,4'-DDD
100ug/ml	F99	Endrin aldehyde
100ug/ml	F2022	Endrin ketone

Mixture in tert-Butylmethyl ether - (4 components)

**DP508-1JM**                    1ml Ampule  
**DP508-1RPM**                5x1ml Ampules

### ORGANOCHLORINE PESTICIDES MIXTURE #2

EPA METHOD 525.2, 508/508.1

F2201	Chloroneb
F986	Chlorobenzilate
F2220	Chlorothalonil
F2040	Chlorthal
F9	Hexachlorobenzene
F2216	Permethrin
F2205	Propachlor
F2202	Terrazole®
F2140	Trifluralin

1000ug/ml in tert-Butylmethyl ether - (9 components)

**OCP508-2JM**                    1ml Ampule  
**OCP508-2RPM**                5x1ml Ampules

### DISULFOTON SULFONE & DISULFOTON SULFOXIDE STANDARDS

EPA METHOD 525.2

MET-652A	100mg	Disulfoton sulfone
MET-652B	100mg	Disulfoton sulfoxide

### SIMAZINE STANDARDS

EPA METHOD 525.2

F2073	100mg	Simazine
F2073JS	1ml	100ug/mlMethanol
F2073RPS	5x1ml	100ug/mlMethanol
F2073AJS	1ml	1000ug/mlAcetone (Ampule)
F2073ARPS	5x1ml	1000ug/mlAcetone (Ampule)

Chem Service provides Certificate of Analyses with the purchase of "Standards Grade" pesticide, metabolite, and environmental materials as well as organic chemicals, solutions or mixtures, free of charge (where applicable). This will certify the material for purity or concentration, identity, stability and lot traceability.

## Chem Service EPA Pesticide Methods

### EPA Method 531.1

#### CARBAMATE PESTICIDES

EPA METHOD 531.1, 8318

F2002	Aldicarb
F2003	Aldicarb sulfone
F2004	Aldicarb sulfoxide
F2045	Baygon®
F2005	Carbaryl
F2006	Carbofuran
F2359	Dioxacarb
F2053	3-Hydroxycarbofuran
F2042	Methiocarb
F2043	Methomyl
F2044	Oxamyl
F2358	Promecarb

NOTE: Dioxacarb (F2359) and Promecarb (F2358) are not included in CP-8318M and CP-8318JM. Aldicarb sulfoxide (F2004) and Oxamyl (F2044) are not included in CP8318-2M.

Neat compounds of each of the above - (12 component kit)  
**CP-8318N KIT**

1ml Solutions of each, in the appropriate solvent - (12 component kit)  
**CP-8318JS KIT**

100ug/ml in Acetonitrile - (10 components)  
**CP-8318JM 1ml**  
**CP-8318RPM 5x1ml Ampule**

1000ug/ml in Acetonitrile - (10 components)  
**CP8318-2JM 1ml**  
**CP8318-2RPM 5x1ml Ampule**

#### LABORATORY PERFORMANCE CHECK MIXTURE

EPA METHOD 531.1, 8318

1000ug/ml	F2004	Aldicarb sulfoxide
100ug/ml	F2054	BDMC
20ug/ml	F2053	3-Hydroxycarbofuran
200ug/ml	F2042	Methiocarb

Mixture in Acetonitrile - (4 components)  
**LPC-531JM 1ml Ampule**  
**LPC-531RPM 5x1ml Ampule**

#### INTERNAL STANDARDS

EPA METHOD 531.1

F2054	100mg	BDMC
F2054JS	1ml	100ug/mlMethanol
F2054RPS	5x1ml	100ug/mlMethanol

#### EPA Method 535

#### Measurement of Chloroacetanilide and other Acetamide Herbicide Degradates in Drinking Water

Chem Service has produced the standards called for in EPA Method 535. Please contact us for current size and price information (610)692-3026 or email us at [info@chemservice.com](mailto:info@chemservice.com)

### EPA Method 547

#### GLYPHOSATE STOCK STANDARD

EPA METHOD 547

F1104JS	1ml	Glyphosate 100ug/mlDeionized water
F1104RPS	5x1ml	Glyphosate 100ug/mlDeionized water

### EPA Method 548/548.1

#### ENDOTHAL STANDARD SOLUTIONS KIT

EPA METHOD 548

F1100JS	Endothal 50ug/ml in Deionized water
F1101RPS	Endothal 10ug/ml in Deionized water

1ml Solutions of each of the above - (2 component kit)  
**ES-548JS KIT**

#### ENDOTHAL-PFPH DERIVATIVE STANDARDS

EPA METHOD 548

F2075	100mg	Endothal-PFPH
F2075JS	1ml	100ug/mltert-Butylmethyl ether (Ampule)
F2075RPS	5x1ml	100ug/mltert-Butylmethyl ether (Ampule)

#### ENDOTHAL STANDARDS

EPA METHOD 548.1

F2443	1g	Endothal
F2443JS	1ml	100ug/mlMethanol
F2443RPS	5x1ml	100ug/mlMethanol

#### ENDOTHAL METHYL DERIVATIVE STANDARDS

EPA METHOD 548.1

F2450	10mg	Dimethyl endothal
F2450JS	1ml	100ug/mlToluene (Ampule)
F2450RPS	5x1ml	100ug/mlToluene (Ampule)

#### INTERNAL STANDARDS

EPA METHOD 548

F202	100mg	a-Endosulfan
F202JS	1ml	100ug/mlHexane (Ampule)
F202RPS	5x1ml	100ug/mlHexane (Ampule)
F202AJS	1ml	100ug/mltert-Butylmethyl ether (Ampule)
F202ARPS	5x1ml	100ug/mltert-Butylmethyl ether (Ampule)

#### INTERNAL STANDARDS

EPA METHOD 548.1

F720	50mg	Acenaphthene-d <sub>10</sub>
F720JS	1ml	2000ug/mlMethanol
F720RPS	5x1ml	2000ug/mlMethanol

### EPA Method 549/549.1

#### DIQUAT/PARAQUAT

EPA METHOD 549.1

F1102AJS	Diquat Dibromide monohydrate Solution (1970ug/ml)
F1103AJS	Paraquat dichloride tetrahydrate Solution (1770ug/ml)

Note: Ion concentration of Diquat and Paraquat is 1000ug/ml

1ml Solutions of each, in deionized water - (2 component kit)  
**SS-549AJS KIT**

#### DIQUAT/PARAQUAT

EPA METHOD 549.1

F1102JS	Diquat dibromide monohydrate 100ug/ml in Deionized water
F1103JS	Paraquat chloride tetrahydrate 100ug/ml in Deionized water

1ml Solutions of each of the above - (2 component kit)  
**SS-549JS KIT**

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service EPA Pesticide Methods

### EPA Method 551.1

#### HALOGENATED PESTICIDES & HERBICIDES MIXTURE

##### EPA METHOD 551.1

F2072	Alachlor
F2208	Atrazine
F2200	Bromacil
F2487	Bladex
F98	Endrin
F99	Endrin aldehyde
F2022	Endrin ketone
F100	Heptachlor
F101	Heptachlor epoxide
F9	Hexachlorobenzene
F53	Hexachlorocyclopentadiene
F104	Lindane (BHC gamma isomer)
F2241	Metolachlor
F2237	Metribuzin
F910	Methoxychlor
F2073	Simazine
F2140	Trifluralin

1000ug/ml in Acetone - (17 components)

**HPH551-1JM** 1ml Ampule  
**HPH551-1RPM** 5x1ml Ampules

#### SURROGATE STANDARDS

##### EPA METHOD 551.1

F904	1g	Decafluorobiphenyl
F904JS	1ml	2000ug/mlMethylene chloride (Ampule)
F904RPS	5x1ml	2000ug/mlMethylene chloride (Ampule)
F904AJS	1ml	2000ug/mlAcetonitrile
F904ARPS	5x1ml	2000ug/mlAcetonitrile
F904BJS	1ml	1000ug/mlAcetone (Ampule)
F904BRPS	5x1ml	1000ug/mlAcetone (Ampule)

#### INTERNAL STANDARDS

##### EPA METHOD 551.1

F833	5g	4-Bromofluorobenzene
F833JS	1ml	2000ug/mlMethanol
F833RPS	5x1ml	2000ug/mlMethanol
F833AJS	1ml	10,000ug/mlAcetone (Ampule)
F833ARPS	5x1ml	10,000ug/mlAcetone (Ampule)

### EPA Method 553

#### BENZIDINES & NITROGEN CONTAINING PESTICIDES

##### EPA METHOD 553

250ug/ml	F5	Benzidine
370ug/ml	F2493	Benzoylprop ethyl
310ug/ml	F2428	Caffeine
310ug/ml	F2005	Carbaryl
740ug/ml	F2429	1-(2-Chlorophenyl)-2-thiourea
240ug/ml	F28	3,3'-Dichlorobenzidine
770ug/ml	F2154	3,3'-Dimethoxybenzidine
440ug/ml	F2371	Diuron
1310ug/ml	F2280	Linuron
400ug/ml	F2374	Monuron
3160ug/ml	F2382	Rotenone
470ug/ml	F2377	Siduron
330ug/ml	F991	o-Tolidine

Mixture in Acetonitrile - (13 components)

**BNCP-553JM** 1ml Ampule  
**BNCP-553RPM** 5x1ml Ampules

#### PERFORMANCE CHECK STANDARDS

##### EPA METHOD 553

F2456	10mg	Decafluorotriphenylphosphine oxide
F2456JS	1ml	100ug/mlAcetonitrile
F2456RPS	5x1ml	100ug/mlAcetonitrile

### 2-IMIDAZOLIDINETHIONE (Ethylene Thiourea) STANDARDS

##### EPA METHOD 553

F2430	5g	2-Imidazolidinethione
F2430JS	5ml	5000ug/mlAcetonitrile
F2430RPS	5x1ml	5000ug/mlAcetonitrile

#### SURROGATE STANDARDS MIXTURE

##### EPA METHOD 553

F2455	Benzidine-d <sub>8</sub>
F2456	Decafluorotriphenylphosphine oxide

500ug/ml in Methanol - (2 components)

**SS-553JM** 1ml Ampule  
**SS-553RPM** 5x1ml Ampules

#### SURROGATE STANDARDS

##### EPA METHOD 553

F2455JS	1ml	100ug/mlMethanol
F2455RPS	5x1ml	100ug/mlMethanol
F2456	10mg	Decafluorotriphenylphosphine oxide
F2456JS	1ml	100ug/mlAcetonitrile
F2456RPS	5x1ml	100ug/mlAcetonitrile

### EPA Method 555

#### CHLORINATED HERBICIDES MIXTURE #1

##### EPA METHOD 555

F2037	Acifluorfen
F2038	Bentazon
F2039	Chloramben
F954	2,4-D
F960	Dicamba
F962	Dichlorprop
F2041	Picloram
F970	Silvex

1000ug/ml in Acetonitrile - (8 components)

**CH555-1JM** 1ml Ampules  
**CH555-1RPM** 5x1ml Ampules

#### CHLORINATED HERBICIDES MIXTURE #2

##### EPA METHOD 555

F966	4-Chloro-o-tolyloxyacetic acid
F958	2,4-DB
F2034	3,5-Dichlorobenzoic acid
F964	Dinoseb
F968	Mecoprop
F58	4-Nitrophenol
F64	Pentachlorophenol
F972	2,4,5-T <sup>®</sup>

1000ug/ml in Acetonitrile - (8 components)

**CH555-2JM** 1ml Ampule  
**CH555-2RPM** 5x1ml Ampules

### EPA Method 604.1

#### PHENOLIC PESTICIDES

##### EPA METHOD 604.1

F2288	Dichlorophen
F995	Hexachlorophene

Neat compounds of each of the above - (2 component kit)

**PP604-1N** KIT \$70.00

1ml Solutions of each, 100ug/ml in Methanol - (2 component kit)  
**PP604-1JS** KIT \$62.00

## Chem Service EPA Pesticide Methods

### EPA Method 608/608.1/608.2

#### ORGANOCHLORINE PESTICIDES

EPA METHOD 608, 617, 625, 8080A/8081, 8250A/8270B, CLP

F89	Aldrin®
F109	Arochlor 1242
F111	Arochlor 1254
F108	Arochlor 1221
F113	Arochlor 1232
F110	Arochlor 1248
F112	Arochlor 1260
F107	Arochlor 1016
F102	a-BHC
F103	b-BHC
F105	d-BHC
F91	Chlordane
F94	4,4'-DDD
F93	4,4'-DDE
F92	4,4'-DDT
F90	Dieldrin
F202	a-Endosulfan
F203	b-Endosulfan
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (g-BHC)
F910	Methoxychlor
F106	Toxaphene®

NOTE: PPO-8JM, PPO-8RPM, PP-HC5JM, PP-HC5RPM, OCP-8080JM, OCP-8080RPM, OCP508-1JM and OCP508-1RPM do not contain the Arochlors, Chlordane or Toxaphene.

NOTE: PPO-8JM, PPO-8RPM, PP-HC5JM and PP-HC5RPM do not contain Methoxychlor.

NOTE: OCP508-1JM, OCP508-1RPM contain F2022 Endrin Ketone, F907 cis-Chlordane and F908 trans-Chlordane.

Neat compounds of each of the above - (26 component kit)

**PPO-8N** **KIT**

1ml Solutions of each, in the appropriate solvent - (26 component kit)

**PPO-8JS** **KIT**

100ug/ml in Toluene:Hexane (50:50), less Methoxychlor - (16 components)

**PPO-8JM** **1ml Ampule**  
**PPO-8RPM** **5x1ml Ampules**

2000ug/ml in Toluene:Hexane (50:50), less Methoxychlor - (16 components)

**PP-HC5JM** **1ml Ampule**  
**PP-HC5RPM** **5x1ml Ampules**

100ug/ml in Toluene:Hexane (50:50) - (17 components)

**OCP-8080JM** **1ml Ampule**  
**OCP-8080RPM** **5x1ml Ampules**

1000ug/ml in tert-Butylmethyl ether - (20 components)

**OCP508-1JM** **1ml Ampule**  
**OCP508-1RPM** **5x1ml Ampules**

#### TOXAPHENE® & CHLORDANE KIT

EPA METHOD 608, 617, 625, 8080A/8081, 8250A/8270B, CLP

F91	Chlordane
F106	Toxaphene®

Neat compounds of each of the above - (2 component kit)

**PP-7N** **KIT**

1ml Solutions of each, in the appropriate solvent - (2 component kit)

**PP-7JS** **KIT**

#### POLYCHLORINATED BIPHENYLS

EPA METHOD 608, 617, 625, 8080A/8081, 8250A/8270B, CLP

F107	Arochlor 1016
F108	Arochlor 1221
F113	Arochlor 1232
F109	Arochlor 1242
F110	Arochlor 1248
F111	Arochlor 1254
F112	Arochlor 1260

Neat compounds of each of the above - (7 component kit)

**PP-8N** **KIT**

1ml Solutions of each, 100ug/ml in Methanol - (7 component kit)

**PP-8JS** **KIT**

#### PESTICIDES - CONTROL SAMPLE MIXTURE

EPA METHOD 608, 8080A/8081

20ug/ml	F89	Aldrin
20ug/ml	F102	BHC (alpha isomer)
20ug/ml	F103	BHC (beta isomer)
100ug/ml	F94	4,4'-DDD
20ug/ml	F93	4,4'-DDE
100ug/ml	F92	4,4'-DDT
20ug/ml	F90	Dieldrin
20ug/ml	F202	a-Endosulfan
100ug/ml	F203	b-Endosulfan
100ug/ml	F97	Endosulfan sulfate
100ug/ml	F98	Endrin
20ug/ml	F100	Heptachlor
20ug/ml	F101	Heptachlor epoxide

Mixture in Toluene - (13 components)

**CSM-8080JM** **1ml Ampule**  
**CSM-8080RPM** **5x1ml Ampules**

#### AROCHLORS, TOXAPHENE® & CHLORDANE SOLUTIONS KIT

EPA METHOD 608, 505, 508, 525.2, 617, 625, 1656, 8080A/8081, 8250A/8270B, CLP

F107AS	Arochlor 1016 Solution
F108AS	Arochlor 1221 Solution
F113AS	Arochlor 1232 Solution
F109AS	Arochlor 1242 Solution
F110AS	Arochlor 1248 Solution
F111AS	Arochlor 1254 Solution
F112BS	Arochlor 1260 Solution
F91AS	Chlordane Solution
F106BS	Toxaphene® Solution

1ml Solutions of each, 1000ug/ml in Hexane - (9 component kit)

**CTA608-1JS** **KIT**

#### DEGRADATION CALIBRATION MIXTURE

EPA METHOD 608, 508/508.1, 525.2, 617, 625, 1618, 1656, 8080A/8081, 8250A/8270B, CLP

200ug/ml	F92	4,4'-DDT
100ug/ml	F98	Endrin

Mixture in tert-Butylmethyl ether - (2 components)

**DC-508JM** **1ml Ampule**  
**DC-508RPM** **5x1ml Ampules**

#### DEGRADATION PRODUCTS MIXTURE

EPA METHOD 608, 508/508.1, 525.2, 617, 625, 1618, 1656, 8080A/8081, 8250A/8270B, CLP

200ug/ml	F93	4,4'-DDE
200ug/ml	F94	4,4'-DDD
100ug/ml	F99	Endrin aldehyde
100ug/ml	F2022	Endrin ketone

Mixture in tert-Butylmethyl ether - (4 components)

**DP508-1JM** **1ml Ampule**  
**DP508-1RPM** **5x1ml Ampules**

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service EPA Pesticide Methods

### ORGANOCHLORINE PESTICIDES KIT #1

EPA METHOD 608.1

F986	Chlorobenzilate
F2201	Chloroneb
F2289	Chloropropylate
F819	1,2-Dibromo-3-chloropropane
F999	Pentachloronitrobenzene
F2205	Propachlor
F2202	Terrazole®

Neat compounds of each of the above - (7 component kit)  
**OCP608-1N**                      **KIT**

1ml Solutions of each, in the appropriate solvent - (7 component kit)  
**OCP608-1JS**                      **KIT**

### ORGANOCHLORINE PESTICIDES MIXTURE #1

EPA METHOD 608.1

200ug/ml	F986	Chlorobenzilate
40ug/ml	F2201	Chloroneb
200ug/ml	F2289	Chloropropylate
40ug/ml	F819	1,2-Dibromo-3-chloropropane
60ug/ml	F999	Pentachloronitrobenzene
1000ug/ml	F2205	Propachlor
40ug/ml	F2202	Terrazole®

Mixture in Isooctane - (7 components)  
**OCP608-1JM**                      **1ml Ampule**  
**OCP608-1RPM**                      **5x1ml Ampules**

### ORGANOCHLORINE PESTICIDES#2

EPA METHOD 608.2

F2220	Chlorothalonil
F2040	Chlorthal
F2290	Dicloran
F910	Methoxychlor
F2216	Permethrin

Neat compounds of each of the above - (5 component kit)  
**OCP608-2N**                      **KIT**

1ml Solutions of each, in the appropriate solvent - (5 component kit)  
**OCP608-2JS**                      **KIT**

1000ug/ml in Toluene - (5 components)  
**OCP608-2JM**                      **1ml Ampule**  
**OCP608-2RPM**                      **5x1ml Ampules**

## EPA Method 614/614.1

### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #1

EPA METHOD 614

F2059	Demeton S
F2060	Diazinon
F993	Disulfoton
F2113	Ethion
F2055	Guthion®
F2118	Malathion
F996	Methyl parathion
F998	Parathion®

1000ug/ml in Hexane - (8 components)  
**OPP614-1JM**                      **1ml Ampule**  
**OPP614-1RPM**                      **5x1ml Ampules**

### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #2

EPA METHOD 614.1

F2110	Dioxathion
F2112	EPN
F2113	Ethion
F2137	Terbufos

1000ug/ml in Hexane - (4 components)  
**OPP614-2JM**                      **1ml Ampule**  
**OPP614-2RPM**                      **5x1ml Ampules**

## EPA Method 615

### CHLORINATED HERBICIDES

EPA METHOD 615,8151

F2037	Acifluorfen
F2038	Bentazon
F2039	Chloramben
F966	4-Chloro-o-tolyloxyacetic acid
F954	2,4-D
F956	Dalapon
F958	2,4-DB
F960	Dicamba
F2034	3,5-Dichlorobenzoic acid
F962	Dichlorprop
F964	Dinoseb
MET-346A	5-Hydroxydicamba
F968	Mecoprop
F58	4-Nitrophenol
F64	Pentachlorophenol
F2041	Picloram
F970	Silvex
F972	2,4,5-T®
F2178	Tetrachloroterephthalic acid

NOTE: 5-Hydroxydicamba, MET-346A, is available 100ug/ml in Acetone:Water (90:10) only and is not included in CH-8151JM or CH-8151RPM.

Neat compounds of each of the above - (19 component kit)  
**CH-8151N**                      **KIT**

Solutions of each of the above in an appropriate solvent - (19 component kit)  
**CH-8151JS**                      **KIT**

1000ug/ml in Acetone - (18 components)  
**CH-8151JM**                      **1ml Ampule**  
**CH-8151RPM**                      **5x1ml Ampules**

### CHLORINATED HERBICIDES - CONTROL SAMPLE MIXTURE

EPA METHOD 615,8150B

10,000ug/ml	F966	4-Chloro-o-tolyloxyacetic acid
100ug/ml	F954	2,4-D
250ug/ml	F956	Dalapon
100ug/ml	F958	2,4-DB
10ug/ml	F960	Dicamba
100ug/ml	F962	Dichlorprop
50ug/ml	F964	Dinoseb
10,000ug/ml	F968	Mecoprop
10ug/ml	F970	Silvex
10ug/ml	F972	2,4,5-T®

Mixture in Toluene - (10 components)  
**CSM8150-1JM**                      **1ml Ampule**  
**CSM8150-1RPM**                      **5x1ml Ampules**

With our expertise in analyte compatibility, solubility, solution stability and analysis, Chem Service is uniquely qualified to provide your customized solutions and mixture standards. For a custom quotation, please use the use the request form on page 144.

## Chem Service EPA Pesticide Methods

### METHYLATED CHLORINATED HERBICIDES

EPA METHOD 615,8151

F2224	Acifluorfen methyl ester
F2244	Bentazon methyl derivative
F2226	Chloramben methyl ester
F967	4-Chloro-o-tolylxyacetic acid methyl ester
F2040	Chlorthal
F955	2,4-D methyl ester
F957	Dalapon methyl ester
F959	2,4-DB methyl ester
F961	Dicamba methyl ester
F2223	3,5-Dichlorobenzoic acid methyl ester
F963	Dichlorprop methyl ester
F965	Dinoseb methyl ether
MET-346A	5-Hydroxydicamba
F969	Mecoprop methyl ester
F2175	p-Nitroanisole
F2156	Pentachloroanisole
F2155	Picloram methyl ester
F971	Silvex methyl ester
F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester

NOTE: 5-Hydroxydicamba, MET-346A, is not included in MCH-8151JM or MCH-8151RPM.

NOTE: In MCH-8151N and MCH-8151JS, MET-364A is included as a non-methyl ester, at 100ug/ml in Acetone:Water (90:10).

Neat compounds of each of the above - (19 component kit)  
**MCH-8151N KIT**

5ml Solutions of each, in the appropriate solvent - (19 component kit)  
**MCH-8151JS KIT**

1000ug/ml in Acetone:Isooctane (10:90) - (18 components)  
**MCH-8151JM 1ml Ampule**  
**MCH-8151RPM 5x1ml Ampule**

### METHYLATED CHLORINATED HERBICIDES - CONTROL SAMPLE MIXTURE

EPA METHOD 615,8150B

10000ug/ml	F967	4-Chloro-o-tolylxyacetic acid methyl ester
100ug/ml	F955	2,4-D methyl ester
250ug/ml	F957	Dalapon methyl ester
100ug/ml	F959	2,4-DB methyl ester
10ug/ml	F961	Dicamba methyl ester
100ug/ml	F963	Dichlorprop methyl ester
50ug/ml	F965	Dinoseb methyl ether
10000ug/ml	F969	Mecoprop methyl ester
10ug/ml	F971	Silvex methyl ester
10ug/ml	F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester

Mixture in Hexane - (10 components)  
**MCSM8150-1JM 1ml Ampule**  
**MCSM8150-1RPM 5x1ml Ampules**

## EPA Method 616

### CARBON, HYDROGEN & OXYGEN PESTICIDE COMPOUNDS MIXTURE

EPA METHOD 616

F2520	Cycloprate
F2521	Kinoprene
F2292	Methoprene®
F2293	Resmethrin

1000ug/ml in tert-Butylmethyl ether - (4 components)  
**CHOP616-1JM 1ml Ampule**  
**CHOP616-1RPM 5x1ml Ampule**

## EPA Method 617

### ORGANOHALIDE PESTICIDES MIXTURE

EPA METHOD 617

F2095	Captan
F2096	Carbophenothion
F2290	Dicloran
F921	Isodrin
F2281	Kelthane®
F2121	Mirex
F999	Pentachloronitrobenzene
F2295	Perthane®
F2318	Strobane®
F2140	Trifluralin

1000ug/ml in Methylene chloride - (10 components)  
**OHP617-1JM 1ml Ampule**  
**OHP617-1RPM 5x1ml Ampules**

### TOXAPHENE® & CHLORDANE KIT

EPA METHOD 617, 608, 625, 8080A/8081, 8250A/8270B, CLP

F91	Chlordane
F106	Toxaphene®

Neat compounds of each of the above - (2 component kit)  
**PP-7N KIT**

1ml Solutions of each, in the appropriate solvent - (2 component kit)  
**PP-7JS KIT**

### AROCHLORS, TOXAPHENE® & CHLORDANE SOLUTIONS KIT

EPA METHOD 617, 505, 508, 525.2, 608, 625, 1656, 8080A/8081, 8250A, 8270B, CLP

F107AS	Arochlor 1016 Solution
F108AS	Arochlor 1221 Solution
F113AS	Arochlor 1232 Solution
F109AS	Arochlor 1242 Solution
F110AS	Arochlor 1248 Solution
F111AS	Arochlor 1254 Solution
F112BS	Arochlor 1260 Solution
F91AS	Chlordane Solution
F106BS	Toxaphene® Solution

1ml Solutions of each, 1000ug/ml in Hexane - (9 component kit)  
**CTA608-1JS KIT**

### ORGANOCHLORINE PESTICIDES MIXTURE

EPA METHOD 617, 508, 608, 625, 8080/8081, 8250A/8270B, CLP

F89	Aldrin
F102	BHC (alpha isomer)
F103	BHC (beta isomer)
F105	BHC (delta isomer)
F94	4,4'-DDD
F93	4,4'-DDE
F92	4,4'-DDT
F90	Dieldrin
F202	a-Endosulfan
F203	b-Endosulfan
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (BHC gamma isomer)
F910	Methoxychlor

100ug/ml in Toluene:Hexane (50:50) - (17 components)  
**OCP-8080JM 1ml Ampule**  
**OCP-8080RPM 5x1ml Ampule**

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service EPA Pesticide Methods

### POLYCHLORINATED BIPHENYLS

**EPA METHOD 617, 505, 608, 625, 8080A/8081, 8250A/8270B, CLP**

F107	Arochlor	1016
F108	Arochlor	1221
F113	Arochlor	1232
F109	Arochlor	1242
F110	Arochlor	1248
F111	Arochlor	1254
F112	Arochlor	1260

Neat compounds of each of the above - (7 component kit)

**PP-8N KIT**

1ml Solutions of each, 100ug/ml in Methanol - (7 component kit)

**PP-8JS KIT**

### DEGRADATION CALIBRATION MIXTURE

**EPA METHOD 617, 508/508.1, 525.2, 608, 625, 1618, 1656, 8080A/8081, 8250A/8270B, CLP**

200ug/ml	F92	4,4'-DDT
100ug/ml	F98	Endrin

Mixture in tert-Butylmethyl ether - (2 components)

**DC-508JM 1ml Ampule**  
**DC-508RPM 5x1ml Ampules**

### DEGRADATION PRODUCTS MIXTURE

**EPA METHOD 617, 508/508.1, 525.2, 608, 625, 1618, 1656, 8080A/8081, 8250A/8270B, CLP**

200ug/ml	F93	4,4'-DDE
200ug/ml	F94	4,4'-DDD
100ug/ml	F99	Endrin aldehyde
100ug/ml	F2022	Endrin ketone

Mixture in tert-Butylmethyl ether - (4 components)

**DP508-1JM 1ml Ampule**  
**DP508-1RPM 5x1ml Ampules**

## EPA Method 618

### VOLATILE PESTICIDES MIXTURE

**EPA METHOD 618**

F2023	Chloropicrin
F820	1,2-Dibromoethane

20,000ug/ml in Cyclohexane - (2 components)

**VP618-1JM 1ml Ampule**  
**VP618-1RPM 5x1ml Ampules**

### INTERNAL STANDARDS

**EPA METHOD 618**

F47	5g	Bromoform
F47JS	1ml	100ug/mlMethanol
F47RPS	5x1ml	100ug/mlMethanol

## EPA Method 619

### TRIAZINE PESTICIDES MIXTURE

**EPA METHOD 619**

F2209	Ametryne
F2211	Atraton
F2208	Atrazine
F2210	Prometon
F2235	Prometryne
F2236	Propazine
F2234	Simetryn
F2073	Simazine
F2291	Terbutylazine
F2207	Terbutryne

500ug/ml in Acetone - (10 components)

**TP619-1JM 5ml Ampule**

## EPA Method 622/622.1

### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #1

**EPA METHOD 622**

F2058	Coumaphos
F2059	Demeton S
F993	Disulfoton
F2063	Fensulfothion
F2064	Fenthion
F2055	Guthion®
F1080	Phorate
F2056	Sulprofos
F2070	Tokuthion®
F2222	Trichloronate

1000ug/ml in Methylene chloride - (10 components)

**OPP622-1AJM 1ml Ampule**  
**OPP622-1ARPM 5x1ml Ampules**

### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #2

**EPA METHOD 622**

F2061	Dichlorvos
F2066	Phosdrin®
F2069	Tetrachlorvinphos

1000ug/ml in Hexane - (3 components)

**OPP622-1BJM 1ml Ampule**  
**OPP622-1BRPM 5x1ml Ampules**

### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #3

**EPA METHOD 622**

F2057	Chlorpyrifos
F2296	Chlorpyrifos Methyl
F2060	Diazinon
F2068	Fenchlorphos
F996	Methyl parathion
F2062	Propfos
F2065	Tributylphosphorotrithioate

1000ug/ml in Hexane - (7 components)

**OPP622-2JM 1ml Ampule**  
**OPP622-2RPM 5x1ml Ampules**

### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #4

**EPA METHOD 622**

F2067	Dibrom
F2061	Dichlorvos
F2069	Tetrachlorvinphos

1000ug/ml in Hexane - (3 components)

**OPP622-3JM 1ml Ampule**  
**OPP622-3RPM 5x1ml Ampules**

### MERPHOS CALIBRATION STANDARDS

**EPA METHOD 622, 507, 1657, 8140/8141A, 8321**

F2214	1g	S.S.S-Tributylphosphorotrithioate
F2214JS	1ml	100ug/mltert-Butylmethyl ether (Ampule)
F2214RPS	5x1ml	100ug/mltert-Butylmethyl ether (Ampule)



## Chem Service EPA Pesticide Methods

### EPA Method 625

#### PESTICIDE MIXTURE #1

##### EPA METHOD 625

F102	BHC (alpha isomer)
F94	4,4'-DDD
F90	Dieldrin
F98	Endrin
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (BHC gamma isomer)

100ug/ml in Acetone - (7 components)

<b>PM625-1JM</b>	<b>1ml Ampule</b>
<b>PM625-1RPM</b>	<b>5x1ml Ampules</b>

#### PESTICIDE MIXTURE #2

##### EPA METHOD 625

F89	Aldrin®
F103	BHC (beta isomer)
F93	4,4'-DDE
F92	4,4'-DDT
F202	a-Endosulfan
F203	b-Endosulfan

100ug/ml in Acetone - (6 components)

<b>PM625-2JM</b>	<b>1ml Ampule</b>
<b>PM625-2RPM</b>	<b>5x1ml Ampules</b>

#### DEGRADATION PRODUCTS MIXTURE

EPA METHOD 625, 508/508.1, 525.2, 608, 617, 1656, 8080A/8081, 8250A/8270B, CLP

200ug/ml	F93	4,4'-DDE
200ug/ml	F94	4,4'-DDD
100ug/ml	F99	Endrin aldehyde
100ug/ml	F202	Endrin ketone

Mixture in tert-Butylmethyl ether - (4 components)

<b>DP508-1JM</b>	<b>1ml Ampule</b>
<b>DP508-1RPM</b>	<b>5x1ml Ampules</b>

#### DEGRADATION CALIBRATION MIXTURE

EPA METHOD 625, 508/508.1, 525.2, 608, 617, 1656, 8080A/8081, 8250A/8270B, CLP

100ug/ml	F98	Endrin
200ug/ml	F92	4,4'-DDT

Mixture in tert-Butylmethyl ether - (2 components)

<b>DC-508JM</b>	<b>1ml Ampule</b>
<b>DC-508RPM</b>	<b>5x1ml Ampules</b>

#### Synthesis Capability

Chem Service is continually increasing the number of "Standards Grade" pesticide materials in response to the increasing worldwide need for these analytical grade standards. Our chemists are experts in the synthesis and purification of pesticides and their related metabolites. Since we last printed this catalog, Chem Service has added more than 100 new neat "Standards Grade" pesticides and metabolites and several hundred single component pesticide standard solutions.

### ORGANOCHLORINE PESTICIDES

#### EPA METHOD 608, 508, 625, 8080A/8081, 8250A/8270B, CLP

F89	Aldrin®
F109	Arochlor 1242
F111	Arochlor 1254
F108	Arochlor 1221
F113	Arochlor 1232
F110	Arochlor 1248
F112	Arochlor 1260
F107	Arochlor 1016
F102	a-BHC
F103	b-BHC
F105	d-BHC
F91	Chlordane
F94	4,4'-DDD
F93	4,4'-DDE
F92	4,4'-DDT
F90	Dieldrin
F202	a-Endosulfan
F203	b-Endosulfan
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (g-BHC)
F910	Methoxychlor
F106	Toxaphene®

NOTE: PPO-8JM, PPO-8RPM, PP-HC5JM, PP-HC5RPM, OCP-8080JM, OCP-8080RPM, OCP508-1JM and OCP508-1RPM do not contain the Arochlors, Chlordane or Toxaphene.

NOTE: PPO-8JM, PPO-8RPM, PP-HC5JM and PP-HC5RPM do not contain Methoxychlor.

NOTE: OCP508-1JM, OCP508-1RPM contain F2022 Endrin Ketone, F907 cis-Chlordane and F908 trans-Chlordane.

Neat compounds of each of the above - (26 component kit)

<b>PPO-8N</b>	<b>KIT</b>
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1ml Solutions of each, in the appropriate solvent - (26 component kit)

<b>PPO-8JS</b>	<b>KIT</b>
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100ug/ml in Toluene:Hexane (50:50), less Methoxychlor - (16 components)

<b>PPO-8JM</b>	<b>1ml Ampule</b>
<b>PPO-8RPM</b>	<b>5x1ml Ampules</b>

2000ug/ml in Toluene:Hexane (50:50), less Methoxychlor - (16 components)

<b>PP-HC5JM</b>	<b>1ml Ampule</b>
<b>PP-HC5RPM</b>	<b>5x1ml Ampules</b>

100ug/ml in Toluene:Hexane (50:50) - (17 components)

<b>OCP-8080JM</b>	<b>1ml Ampule</b>
<b>OCP-8080RPM</b>	<b>5x1ml Ampules</b>

1000ug/ml in tert-Butylmethyl ether - (20 components)

<b>OCP508-1JM</b>	<b>1ml Ampule</b>
<b>OCP508-1RPM</b>	<b>5x1ml Ampules</b>

### EPA Method 627

#### DINITROANILINE PESTICIDES MIXTURE

##### EPA METHOD 627

F2364	Benfluralin
F2365	Ethalfuralin
F2366	Isopropalin
F2367	Profluoralin®
F2140	Trifluralin

1000ug/ml in Hexane - (5 components)

<b>DNAP627-1JM</b>	<b>1ml Ampule</b>
<b>DNAP627-1RPM</b>	<b>5x1ml Ampules</b>

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service EPA Pesticide Methods

### CALIBRATION STANDARDS

#### EPA METHOD 627

F2140	1g	Trifluralin
F2140JS	1ml	100ug/mlToluene (Ampule)
F2140RPS	5x1ml	100ug/mlToluene (Ampule)

### EPA Method 629

#### BLADEX (CYANAZINE) STANDARDS

#### EPA METHOD 629

F2487	1g	Bladex
F2487S	1ml	1000ug/mltert-Butylmethyl ether (Ampule)
F2487S	5x1ml	1000ug/mltert-Butylmethyl ether (Ampule)

### EPA Method 630/630.1

#### DITHIOCARBAMATE PESTICIDES CALIBRATION STANDARDS

#### EPA METHOD 630/630.1

F2368	1g	Ziram
F2368JS	1ml	100ug/mlAcetonitrile
F2368RPS	5x1ml	100ug/mlAcetonitrile

#### INTERFERENT CHECK STANDARDS

#### EPA METHOD 630.1

F705	5g	Carbon disulfide (Ampule)
F705JS	1ml	100ug/mlMethanol (Ampule)
F705RPS	5x1ml	100ug/mlMethanol (Ampule)
F705AJS	1ml	100ug/mlHexane (Ampule)
F705ARPS	5x1ml	100ug/mlHexane (Ampule)

### EPA Method 631

#### BENOMYL AND CARBENDAZIM STANDARDS

#### EPA METHOD 631

PS-222	100mg	Benomyl
F2369	100mg	Carbendazim
F2369JS	1ml	100ug/mlMethanol
F2369RPS	5x1ml	100ug/mlMethanol

### EPA Method 632

#### CARBAMATE & UREA PESTICIDES MIXTURE

#### EPA METHOD 632

F2370	Aminocarb
F2091	Barban
F2045	Baygon®
F2005	Carbaryl
F2006	Carbofuran
F2199	Chlorpropham
F2371	Diuron
F2372	Fenuron
F2373	Fluometuron
F2280	Linuron
F2042	Methiocarb
F2043	Methomyl
F2374	Monuron
F2375	Neburon
F2044	Oxamyl
F2376	Propham
F2377	Siduron
F2378	Swep

1000ug/ml in Acetonitrile - (18 components)

<b>CUP632-1JM</b>	<b>1ml Ampule</b>
<b>CUP632-1RPM</b>	<b>5x1ml Ampules</b>

### CARBAMATE & UREA PESTICIDES MIXTURE #2

#### EPA METHOD 632

F2370	Aminocarb
F2091	Barban
F2045	Baygon®
F2005	Carbaryl
F2006	Carbofuran
F2199	Chlorpropham
F2371	Diuron
F2372	Fenuron
F2373	Fluometuron
F2280	Linuron
F2042	Methiocarb
F2043	Methomyl
F2374	Monuron
F2375	Neburon
F2044	Oxamyl
F2376	Propham
F2377	Siduron
F2378	Swep
F2559	Zectran (Mexacarbate)

1000ug/ml in Acetonitrile - (19 components)

<b>CUP632-2JM</b>	<b>1ml Ampule</b>
<b>CUP632-2RPM</b>	<b>5x1ml Ampules</b>

#### ADDITIONAL ANALYTES

#### EPA METHOD 632

F2558	1g	Fenuron TCA
F2558JS	1ml	1000ug/mlAcetonitrile (Ampule)
F2558RPS	5x1ml	1000ug/mlAcetonitrile (Ampule)
F2560	1g	Monuron TCA
F2560JS	1ml	1000ug/mlAcetonitrile (Ampule)
F2560RPS	5x1ml	1000ug/mlAcetonitrile (Ampule)

### EPA Method 632.1

#### CARBAMATE & AMIDE PESTICIDES MIXTURE

#### EPA METHOD 632.1

F2238	Devrinol®
F2379	Propanil

1000ug/ml in Acetonitrile:Acetone (90:10) - (2 components)

<b>CAP632-1JM</b>	<b>1ml Ampule</b>
<b>CAP632-1RPM</b>	<b>5x1ml Ampules</b>

### EPA Method 633

#### ORGANONITROGEN PESTICIDES MIXTURE

#### EPA METHOD 633

F2221	Beam®
F2200	Bromacil
F2284	N,N-Diethyl-m-toluamide
F2237	Metribuzin
F2206	Terbacil
F2218	Triadimefon
F2232	Velpar

1000ug/ml in Acetone - (7 components)

<b>ONP633-1JM</b>	<b>1ml Ampule</b>
<b>ONP633-1RPM</b>	<b>5x1ml Ampules</b>

## Chem Service EPA Pesticide Methods

### EPA Method 633.1

#### NEUTRAL NITROGEN CONTAINING PESTICIDES MIXTURE

##### EPA METHOD 633.1

F2230	Fenarimol
F2239	MGK 264®
F2381	MGK 326®
F1083	Propyzamide

1000ug/ml in Methanol - (4 components)

NNP633-1JM	1ml Ampule
NNP633-1RPM	5x1ml Ampules

### EPA Method 634

#### THIOCARBAMATE PESTICIDES MIXTURE

##### EPA METHOD 634

F2212	Butylate
F2227	Cycloate
F2229	S-Ethyl dipropylthiocarbamate
F2242	Molinate
F2233	S-Propyl butylethylthiocarbamate
F2213	Vernolate

1000ug/ml in tert-Butylmethyl ether - (6 components)

TCP-507JM	1ml Ampule
TCP-507RPM	5x1ml Ampules

#### INTERNAL STANDARDS

##### EPA METHOD 634

F2052	5g	Triphenyl phosphate
F2052JS	1ml	500ug/mltert-Butylmethyl ether (Ampule)
F2052RPS	5x1ml	500ug/mltert-Butylmethyl ether (Ampule)

#### SURROGATE STANDARDS

##### EPA METHOD 634

F2051	5g	1,3-Dimethyl-2-nitrobenzene
F2051JS	1ml	2000ug/mltert-Butylmethyl ether (Ampule)
F2051RPS	5x1ml	2000ug/mltert-Butylmethyl ether (Ampule)

### EPA Method 635

#### ROTENONE STANDARDS

##### EPA METHOD 635

F2382	1g	Rotenone
F2382JS	1ml	1000ug/mlMethylene chloride
F2382RPS	5x1ml	1000ug/mlMethylene chloride

### EPA Method 636

#### BENSULIDE STANDARDS

##### EPA METHOD 636

F2383	100mg	Bensulide
F2383JS	1ml	1000ug/ml Methanol
F2383RPS	5x1ml	1000ug/ml Methanol

### EPA Method 637

#### TCMTB AND MBTS (2,2'-DITHIOBIS(BENZO-THIAZOLE) STANDARDS

##### EPA METHOD 637

F2385	100mg	TCMTB
F2385JS	1ml	1000ug/mlMethylene chloride (Ampule)
F2385RPS	5x1ml	1000ug/mlMethylene chloride (Ampule)

F2384	5g	2,2'-Dithiobis(benzothiazole) (MBTS)
F2384JS	1ml	1000ug/mlMethylene chloride (Ampule)
F2384RPS	5x1ml	1000ug/mlMethylene chloride (Ampule)

### EPA Method 638

#### ORYZALIN STANDARDS

##### EPA METHOD 638

F2386	1g	Oryzalin
F2386JS	1ml	1000ug/mlAcetonitrile
F2386RPS	5x1ml	1000ug/mlAcetonitrile

### EPA Method 639

#### BENDIOCARB STANDARDS

##### EPA METHOD 639

F2387	1g	Bendiocarb
F2387JS	1ml	1000ug/mlAcetonitrile
F2387RPS	5x1ml	1000ug/mlAcetonitrile

#### INTERNAL STANDARDS

##### EPA METHOD 639

F2271	5g	Methyl benzoate
F2271JS	1ml	500ug/mlMethanol
F2271RPS	5x1ml	500ug/mlMethanol

### EPA Method 640

#### 2-MERCAPTO-BENZOTHAZOLE STANDARDS

##### EPA METHOD 640

F2388	2g	2-Mercaptobenzothiazole
F2388JS	1ml	1000ug/mlMethanol
F2388RPS	5x1ml	1000ug/mlMethanol

### EPA Method 641

#### THIABENDAZOLE® STANDARDS

##### EPA METHOD 641

F2389	1g	Thiabendazole®
F2389JS	1ml	1000ug/mlMethanol
F2389RPS	5x1ml	1000ug/mlMethanol

### EPA Method 642

#### BIPHENYL AND o-PHENYLPHENOL(2-Biphenylol) STANDARDS

##### EPA METHOD 642

F1062	5g	Biphenyl
F1062JS	1ml	100ug/mlHexane (Ampule)
F1062RPS	5x1ml	100ug/mlHexane (Ampule)
F1062AJS	1ml	1000ug/mlMethanol
F1062ARPS	5x1ml	1000ug/mlMethanol

F2225	1g	2-Biphenylol
F2225JS	1ml	2000ug/mlMethanol
F2225RPS	5x1ml	2000ug/mlMethanol

### EPA Method 643

#### BENTAZON STANDARDS

##### EPA METHOD 643

F2038	1g	Bentazon
F2038JS	1ml	100ug/mlAcetone (Ampule)
F2038RPS	5x1ml	100ug/mlAcetone (Ampule)
F2038AJS	1ml	1000ug/mlAcetonitrile
F2038ARPS	5x1ml	1000ug/mlAcetonitrile

WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS

## Chem Service EPA Pesticide Methods

### EPA Method 644

#### PICLORAM STANDARDS

##### EPA METHOD 644

F2041	100mg	Picloram
F2041JS	1ml	100ug/ml Acetone (Ampule)
F2041RPS	5x1ml	100ug/ml Acetone (Ampule)
F2041AJS	1ml	1000ug/ml Acetonitrile
F2041ARPS	5x1ml	1000ug/ml Acetonitrile

#### INTERNAL STANDARDS

##### EPA METHOD 644

F2266	5g	Salicylic acid
F2266JS	1ml	2000ug/ml Isopropanol
F2266RPS	5x1ml	2000ug/ml Isopropanol

### EPA Method 645

#### AMINE PESTICIDES & LETHANE MIXTURE

##### EPA METHOD 645

F2072	Alachlor
F2204	Butachlor
F2228	Diphenamid
F2390	Lethane
F2240	Norflurazon®
F2231	Sonar®

1000ug/ml in Hexane:Acetone (50:50) - (6 components)

<b>APL645-1JM</b>	<b>1ml Ampule</b>
<b>APL645-1RPM</b>	<b>5x1ml Ampule</b>

#### INTERNAL STANDARDS

##### EPA METHOD 645

F2052	5g	Triphenyl phosphate
F2052JS	1ml	500ug/ml tert-Butylmethyl ether (Ampule)
F2052RPS	5x1ml	500ug/ml tert-Butylmethyl ether (Ampule)

#### SURROGATE STANDARDS

##### EPA METHOD 645

F2051	5g	1,3-Dimethyl-2-nitrobenzene
F2051JS	1ml	2000ug/ml tert-Butylmethyl ether (Ampule)
F2051RPS	5x1ml	2000ug/ml tert-Butylmethyl ether

### EPA Method 646

#### DINITROAROMATIC PESTICIDES MIXTURE

##### EPA METHOD 646

F2169	1-Chloro-2,4-dinitrobenzene
F2109	Dinocap
F2391	Fluchloralin

1000ug/ml in Hexane - (3 components)

<b>DNAP646-1JM</b>	<b>1ml Ampule</b>
<b>DNAP646-1RPM</b>	<b>5x1ml Ampules</b>

### EPA Method 680

#### ORGANOCHLORINE PESTICIDES MIXTURE

EPA METHOD 680, 508/508.1, 608, 617, 625, 8080A/8081, 8250A/8270B, CLP

F89	Aldrin®
F102	BHC (alpha isomer)
F103	BHC (beta isomer)
F105	BHC (delta isomer)
F907	cis-Chlordane
F908	trans-Chlordane
F94	4,4'-DDD
F93	4,4'-DDE
F92	4,4'-DDT
F90	Dieldrin
F202	a-Endosulfan
F203	b-Endosulfan
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F2022	Endrin ketone
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (BHC gamma isomer)
F910	Methoxychlor

1000ug/ml in tert-Butylmethyl ether - (20 components)

<b>OCP508-1JM</b>	<b>1ml Ampule</b>
<b>OCP508-1RPM</b>	<b>5x1ml Ampules</b>

#### TUNING STANDARDS

##### EPA METHOD 680

F834	10mg	Decafluorotriphenylphosphine
F834JS	1ml	2000ug/ml Methylene Chloride (Ampule)
F834RPS	5x1ml	2000ug/ml Methylene Chloride (Ampule)
F834AJS	1ml	25,000ug/ml Methylene Chloride (Ampule)
F834ARPS	5x1ml	25,000ug/ml Methylene Chloride (Ampule)

#### INTERNAL STANDARDS

##### EPA METHOD 680

F730	10mg	Chrysene-d <sub>12</sub>
F730JS	1ml	2000ug/ml Methylene chloride (Ampule)
F730RPS	5x1ml	2000ug/ml Methylene chloride (Ampule)

F208	100mg	Phenanthrene-d <sub>10</sub>
F208JS	1ml	100ug/ml Methanol
F208RPS	5x1ml	100ug/ml Methanol
F208AJS	1ml	2000ug/ml Methylene chloride (Ampule)
F208ARPS	5x1ml	2000ug/ml Methylene chloride (Ampule)

#### EPA 600 Series Methods for Wastewater Pollutants

Under the authority of the Clean Water Act these analytical standards were developed by the U.S. EPA. The 600 Series Methods are designed to monitor organic chemicals from the Priority Pollutants List applicable to municipal and industrial discharge of wastewater. The Priority Pollutants, which are identified and quantified using the 600 Method Series, include pesticides, volatile organic compounds, as well as synthetic organic compounds.

## Chem Service EPA Pesticide Methods

### EPA Method 1618

#### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #1

EPA METHOD 1618

50ug/ml	F2058	Coumaphos
100ug/ml	F2060	Diazinon
50ug/ml	F2061	Dichlorvos
100ug/ml	F989	Dimethoate
100ug/ml	F2215	Dylox <sup>®</sup>
100ug/ml	F2112	EPN
100ug/ml	F2068	Fenchlorphos
200ug/ml	F2063	Fensulfothion
100ug/ml	F2055	Guthion <sup>®</sup>
100ug/ml	F2421	Guthion Ethyl
100ug/ml	F2118	Malathion
100ug/ml	F996	Methyl parathion
100ug/ml	F998	Parathion <sup>®</sup>
100ug/ml	F1080	Phorate
100ug/ml	F2062	Prophos
50ug/ml	F2056	Sulprofos
100ug/ml	F2137	Terbufos
100ug/ml	F2069	Tetrachlorvinphos
200ug/ml	F2214	S.S.S-Tributylphosphorotrithioate

Mixture in Isooctane - (19 components)

**OPP1618-1JM** 1ml Ampule  
**OPP1618-1RPM** 5x1ml Ampules

#### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #2

EPA METHOD 1618

50ug/ml	F2097	Chlorfenvinphos
50ug/ml	F2057	Chlorpyrifos
100ug/ml	F2296	Chlorpyrifos Methyl
200ug/ml	F2101	Croxyphos
200ug/ml	F2059	Demeton S
100ug/ml	F2067	Dibrom
100ug/ml	F2422	Dichlofenthion
600ug/ml	F2110	Dioxathion
100ug/ml	F993	Disulfoton
100ug/ml	F2113	Ethion
200ug/ml	F994	Famphur
100ug/ml	F2064	Fenthion
100ug/ml	F2066	Phosdrin <sup>®</sup>
200ug/ml	F2129	Imidan <sup>®</sup>
100ug/ml	F2117	Leptophos
50ug/ml	F940	Tetraethylthiopyrophosphate
100ug/ml	F2070	Tokuthion <sup>®</sup>
100ug/ml	F2222	Trichloronate

Mixture in Isooctane - (18 components)

**OPP1618-2JM** 1ml Ampule  
**OPP1618-2RPM** 5x1ml Ampules

#### CHLORINATED HERBICIDES MIXTURE

EPA METHOD 1618, 8150B, 8321

F954	2,4-D
F958	2,4-DB
F956	Dalapon
F960	Dicamba
F962	Dichlorprop
F964	Dinoseb
F966	4-Chloro-o-tolyloxyacetic acid
F968	Mecoprop
F970	Silvex
F972	2,4,5-T <sup>®</sup>

Mixture at 100ug/ml in Acetone - (10 components)

**CH-8150JM** 1ml Ampule  
**CH-8150RPM** 5x1ml Ampules

#### DEGRADATION CALIBRATION MIXTURE

EPA METHOD 1618, 508/508.1, 525.2, 608, 617, 1656, 8080A/8081, 8250A/8270B, CLP

100ug/ml	F98	Endrin
200ug/ml	F92	4,4'-DDT

Mixture in tert-Butylmethyl ether - (2 components)

**DC-508JM** 1ml Ampule  
**DC-508RPM** 5x1ml Ampules

#### METHYLATED CHLORINATED HERBICIDES MIXTURE

EPA METHOD 1618, 8150B

F955	2,4-D, methyl ester
F959	2,4-DB, methyl ester
F957	Dalapon, methyl ester
F961	Dicamba, methyl ester
F963	Dichlorprop, methyl ester
F965	Dinoseb, methyl ether
F967	4-Chloro-o-tolyloxy acetic acid methyl ester
F969	Mecoprop methyl ester
F971	Silvex, methyl ester
F973	2,4,5-(Trichlorophenoxy) acetic acid methyl ester

Mixture at 100ug/ml in Methanol - (10 components)

**MCH-8150JM** 1ml Ampule  
**MCH-8150RPM** 5x1ml Ampules

#### DEGRADATION PRODUCTS MIXTURE

EPA METHOD 1618, 508/508.1, 525.2, 608, 617, 1656, 8080A/8081, 8250A/8270B, CLP

200ug/ml	F93	4,4'-DDE
200ug/ml	F94	4,4'-DDD
100ug/ml	F99	Endrin aldehyde
100ug/ml	F2022	Endrin ketone

Mixture in tert-Butylmethyl ether - (4 components)

**DP508-1JM** 1ml Ampule  
**DP508-1RPM** 5x1ml Ampules

#### NON-ITD ORGANOPHOSPHATE COMPOUND

EPA METHOD 1618

MET-88A 5ml  
Carbophenothion methyl 100ug/ml Methanol

#### GPC CALIBRATION MIXTURE

EPA METHOD 1618, 1656, 1657

15,000ug/ml	F66	Bis(2-ethylhexyl)phthalate
300,000ug/ml	O-2305	Corn oil
1,400ug/ml	F64	Pentachlorophenol
100ug/ml	F1047	Perylene
500ug/ml	I-159	Sulfur

Mixture in Isooctane - (5 components)

**GPC1657-1JM** 1ml Ampule  
**GPC1657-1RPM** 5x1ml Ampules

#### DIBUTYL CHLORENDATE STANDARDS

EPA METHOD 1618

F850	1g	Dibutyl chlorendate
F850JS	1ml	1000ug/ml Methylene chloride (Ampule)
F850RPS	5x1ml	1000ug/ml Methylene chloride (Ampule)
F850AJS	1ml	2000ug/ml Acetone (Ampule)
F850ARPS	5x1ml	2000ug/ml Acetone (Ampule)

#### SURROGATE STANDARDS FOR PHENOXY ACID HERBICIDES

EPA METHOD 1618

F2035	100mg	2,4-Dichlorophenylacetic acid
F2035JS	1ml	2000ug/ml Acetone (Ampule)
F2035RPS	5x1ml	2000ug/ml Acetone (Ampule)

## Chem Service EPA Pesticide Methods

### SPE CARTRIDGE CALIBRATION STANDARDS

#### EPA METHOD 1618

F21	5g	2,4,6-Trichlorophenol
F21JS	1ml	100ug/mlMethanol
F21RPS	5x1ml	100ug/mlMethanol

### EPA Method 1656

#### ORGANOHALIDE PESTICIDES MIXTURE #1

##### EPA METHOD 1656

4000ug/ml	F2440	Acephate
40ug/ml	F2072	Alachlor
2000ug/ml	F2208	Atrazine
20ug/ml	F103	BHC (beta isomer)
100ug/ml	F2439	Bromoxynil octanoic acid ester
400ug/ml	F2094	Captafol
400ug/ml	F988	Di-allate
20ug/ml	F97	Endosulfan sulfate
40ug/ml	F98	Endrin
20ug/ml	F921	Isodrin
100ug/ml	F2438	Prowl®
400ug/ml	F2216	Permethrin

Mixture in Acetone - (12 components)  
**OHP1656-1JM** 1ml Ampule  
**OHP1656-1RPM** 5x1ml Ampules

#### ORGANOHALIDE PESTICIDES MIXTURE #2

##### EPA METHOD 1656

10ug/ml	F102	BHC (alpha isomer)
10ug/ml	F2040	Chlorthal
20ug/ml	F93	4,4'-DDE
20ug/ml	F92	4,4'-DDT
40ug/ml	F2103	Dichlone
20ug/ml	F2365	Ethalfuralin
40ug/ml	F2230	Fenarimol
40ug/ml	F910	Methoxychlor
20ug/ml	F2237	Metribuzin

Mixture in Isooctane - (9 components)  
**OHP1656-2JM** 1ml Ampule  
**OHP1656-2RPM** 5x1ml Ampules

#### ORGANOHALIDE PESTICIDES MIXTURE #3

##### EPA METHOD 1656

10ug/ml	F908	trans-Chlordane
20ug/ml	F2022	Endrin ketone
10ug/ml	F101	Heptachlor epoxide
40ug/ml	F2366	Isopropalin
10ug/ml	F104	Lindane (BHC gamma isomer)
40ug/ml	F2126	Nitrofen
10ug/ml	F999	Pentachloronitrobenzene
20ug/ml	F2140	Trifluralin

Mixture in Isooctane - (8 components)  
**OHP1656-3JM** 1ml Ampule  
**OHP1656-3RPM** 5x1ml Ampules

#### ORGANOHALIDE PESTICIDES MIXTURE #4

##### EPA METHOD 1656

40ug/ml	F2364	Benfluralin
500ug/ml	F986	Chlorobenzilate
10ug/ml	F90	Dieldrin
20ug/ml	F202	a-Endosulfan
40ug/ml	F2121	Mirex
400ug/ml	F2206	Terbacil
1000ug/ml	F2291	Terbutylazine
200ug/ml	F2218	Triadimefon

Mixture in Isooctane - (8 components)  
**OHP1656-4JM** 1ml Ampule  
**OHP1656-4RPM** 5x1ml Ampules

#### ORGANOHALIDE PESTICIDES MIXTURE #5

##### EPA METHOD 1656

100ug/ml	F2095	Captan
10ug/ml	F907	cis-Chlordane
20ug/ml	F2220	Chlorothalonil
20ug/ml	F94	4,4'-DDD
100ug/ml	F2240	Norflurazon®
1000ug/ml	F2073	Simazine

Mixture in Acetone - (6 components)  
**OHP1656-5JM** 1ml Ampule  
**OHP1656-5RPM** 5x1ml Ampules

#### ORGANOHALIDE PESTICIDES MIXTURE #6

##### EPA METHOD 1656

40ug/ml	F89	Aldrin®
10ug/ml	F105	BHC (delta isomer)
200ug/ml	F2200	Bromacil
100ug/ml	F2204	Butachlor
20ug/ml	F203	b-Endosulfan
20ug/ml	F100	Heptachlor
200ug/ml	F2441	Kepone®

Mixture in Isooctane - (7 components)  
**OHP1656-6JM** 1ml Ampule  
**OHP1656-6RPM** 5x1ml Ampules

#### ORGANOHALIDE PESTICIDES MIXTURES KIT

##### EPA METHOD 1656

OHP1656-1JM Organohalide Pesticides Mixture #1  
 OHP1656-2JM Organohalide Pesticides Mixture #2  
 OHP1656-3JM Organohalide Pesticides Mixture #3  
 OHP1656-4JM Organohalide Pesticides Mixture #4  
 OHP1656-5JM Organohalide Pesticides Mixture #5  
 OHP1656-6JM Organohalide Pesticides Mixture #6

1ml of each, in the appropriate solvent - (6 component kit)  
**MMOHP1656-6** KIT

#### AROCHLORS, TOXAPHENE® & CHLORDANE SOLUTIONS KIT

##### EPA METHOD 1656, 505, 508, 525.2, 608, 617, 625, 8080A/8081, 8250A/8270B, CLP

F107AJS	Arochlor 1016 Solution
F108AJS	Arochlor 1221 Solution
F113AJS	Arochlor 1232 Solution
F109AJS	Arochlor 1242 Solution
F110AJS	Arochlor 1248 Solution
F111AJS	Arochlor 1254 Solution
F112BJS	Arochlor 1260 Solution
F91AJS	Chlordane Solution
F106BJS	Toxaphene® Solution

1ml Solutions of each, 1000ug/ml in Hexane - (9 component kit)  
**CTA608-1JS** KIT

#### DEGRADATION CALIBRATION MIXTURE

##### EPA METHOD 1656, 508/508.1, 525.2, 608, 617, 1618, 8080A/8081, 8250A/8270B, CLP

100ug/ml	F98	Endrin
200ug/ml	F92	4,4'-DDT

Mixture in tert-Butylmethyl ether - (2 components)  
**DC-50J8M** 1ml Ampule  
**DC-508RPM** 5x1ml Ampules

Whether it is bottled or ampuled, neat or solution, rest assured that Chem Service products not only follow an over 40 year tradition in providing highly purified materials for reference standards, but also that we will strive to continually increase the quality of our materials and services for our customers.

## Chem Service EPA Pesticide Methods

### DEGRADATION PRODUCTS MIXTURE

EPA METHOD 1656, 508/508.1, 525.2, 608, 617, 1618, 8080A/8081, 8250A/8270B, CLP

200ug/ml	F93	4,4'-DDE
200ug/ml	F94	4,4'-DDD
100ug/ml	F99	Endrin aldehyde
100ug/ml	F2022	Endrin ketone

Mixture in tert-Butylmethyl ether - (4 components)

**DP508-1JM** 1ml Ampule  
**DP508-1RPM** 5x1ml Ampules

### GPC CALIBRATION MIXTURE

EPA METHOD 1656, 1618, 1657

15,000ug/ml	F66	Bis(2-ethylhexyl)phthalate
300,000ug/ml	O-2305	Corn oil
1,400ug/ml	F64	Pentachlorophenol
100ug/ml	F1047	Perylene
500ug/ml	I-159	Sulfur

Mixture in Isooctane - (5 components)

**GPC1657-1JM** 1ml Ampule  
**GPC1657-1RPM** 5x1ml Ampule

### ADDITIONAL METHOD ANALYTES

EPA METHOD 1656

F2096	1gm	Carbophenothion
F2096JS	1ml	100ug/ml Methanol
F2096RPS	5x1ml	100ug/ml Methanol
F99	10mg	Endrin aldehyde
F99JS	1ml	100ug/ml Methanol
F99RPS	5x1ml	100ug/ml Methanol
F2379	1g	Propanil
F2379JS	1ml	1000ug/ml Acetonitrile:Acetone (90:10)
F2379RPS	5x1ml	1000ug/ml Acetonitrile:Acetone (90:10)
F106	1g	Toxaphene®
F106JS	1ml	100ug/ml Methanol
F106RPS	1ml	100ug/ml Methanol
F106AJS	1ml	2500ug/ml Acetone (Ampule)
F106ARPS	1ml	2500ug/ml Acetone (Ampule)
F106BJS	1ml	1000ug/ml Hexane (Ampule)
F106BRPS	5x1ml	1000ug/ml Hexane (Ampule)

### SURROGATE STANDARDS

EPA METHOD 1656

F850	1g	Dibutyl chlorendate
F850JS	1ml	1000ug/ml Methylene chloride (Ampule)
F850RPS	5x1ml	1000ug/ml Methylene chloride (Ampule)
F850AJS	1ml	2000ug/ml Acetone (Ampule)
F850ARPS	5x1ml	2000ug/ml Acetone (Ampule)

## EPA Method 1657

### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #1

EPA METHOD 1657

250ug/ml	F2061	Dichlorvos
100ug/ml	F993	Disulfoton
100ug/ml	F2068	Fenchlorphos
100ug/ml	F2064	Fenthion
50ug/ml	F2055	Guthion®
100ug/ml	F2056	Sulprofos
100ug/ml	F2065	Tributylphosphorotrithioate

Mixture in Isooctane - (7 components)

**OPP1657-1JM** 1ml Ampule  
**OPP1657-1RPM** 5x1ml Ampules

### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #2

EPA METHOD 1657

100ug/ml	F2097	Chlorfenvinphos
100ug/ml	F2057	Chlorpyrifos
100ug/ml	F2059	Demeton S
100ug/ml	F2422	Dichlofenthion
50ug/ml	F989	Dimethoate
250ug/ml	F2215	Dylox®
250ug/ml	F994	Famphur
100ug/ml	F2117	Leptophos
100ug/ml	F996	Methyl parathion
500ug/ml	F2425	Tri-o-cresyl phosphate

Mixture in Isooctane - (10 components)

**OPP1657-2JM** 1ml Ampule  
**OPP1657-2RPM** 5x1ml Ampules

### ADDITIONAL ANALYTE

EPA METHOD 1657

MET-88A	5ml	Carbophenothion methyl 100ug/ml Methanol
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### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #3

EPA METHOD 1657

100ug/ml	F2296	Chlorpyrifos Methyl
250ug/ml	F2101	Crotoxyphos
250ug/ml	F2067	Dibrom
250ug/ml	F2063	Fensulfothion
100ug/ml	F2421	Guthion Ethyl
250ug/ml	F2129	Imidan®
100ug/ml	F998	Parathion®
250ug/ml	F2066	Phosdrin®
250ug/ml	F2130	Phosphamidon
100ug/ml	F940	Tetraethylthiopyrophosphate (Sulfotepp)
100ug/ml	F2137	Terbufos
100ug/ml	F2214	S.S.S-Tributylphosphorotrithioate

NOTE: For exact ratios of the E and Z isomer of F2130 - Call Customer Service at (800) 452-9994.

Mixture in Isooctane - (12 components)

**OPP1657-3JM** 1ml Ampule  
**OPP1657-3RPM** 5x1ml Ampules

### ORGANOPHOSPHOROUS PESTICIDES MIXTURE #4

EPA METHOD 1657

250ug/ml	F2058	Coumaphos
100ug/ml	F2060	Diazinon
100ug/ml	F2112	EPN
100ug/ml	F2113	Ethion
100ug/ml	F2118	Malathion
100ug/ml	F1080	Phorate
100ug/ml	F2062	Prophos
100ug/ml	F2069	Tetrachlorvinphos
100ug/ml	F2222	Trichloronate

Mixture in Isooctane - (9 components)

**OPP1657-4JM** 1ml Ampule  
**OPP1657-4RPM** 5x1ml Ampules

### ORGANOPHOSPHOROUS PESTICIDES MIXTURES KIT

EPA METHOD 1657

OPP1657-1JM	Organophosphorous Pesticides Mixture #1
OPP1657-2JM	Organophosphorous Pesticides Mixture #2
OPP1657-3JM	Organophosphorous Pesticides Mixture #3
OPP1657-4JM	Organophosphorous Pesticides Mixture #4

1ml of each, in the appropriate solvent - (4 component kit)  
**MMOPP1657-4** KIT

WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS

## Chem Service EPA Pesticide Methods

### GPC CALIBRATION MIXTURE

#### EPA METHOD 1657, 1618, 1656

15,000ug/ml	F66	Bis(2-ethylhexyl)phthalate
300,000ug/ml	O-2305	Corn oil
1,400ug/ml	F64	Pentachlorophenol
100ug/ml	F1047	Perylene
500ug/ml	I-159	Sulfur

Mixture in Isooctane - (5 components)  
**GPC1657-1JM**                    **1ml Ampule**  
**GPC1657-1RPM**                **5X1ml Ampules**

### MERPHOS CALIBRATION STANDARDS

#### EPA METHOD 1657, 507, 622, 8140/8141A, 8321

F2214	1g	S,S,S-Tributylphosphorotrithioate
F2214JS	1ml	100ug/mltert-Butylmethyl ether (Ampule)
F2214RPS	5x1ml	100ug/mltert-Butylmethyl ether (Ampule)

### SURROGATE SPIKING MIXTURE

#### EPA METHOD 1657

F2191	Tributyl phosphate
F2052	Triphenyl phosphate

2000ug/ml in Acetone - (2 components)  
**SS-1657JM**                    **1ml Ampule**  
**SS-1657RPM**                **5x1ml Ampules**

### SURROGATE STANDARDS

#### EPA METHOD 1657

F2191	5g	Tributyl phosphate
F2191JS	1ml	2000ug/mlAcetone (Ampule)
F2191RPS	5x1ml	2000ug/mlAcetone (Ampule)
F2052	5g	Triphenyl phosphate
F2052JS	1ml	500ug/mltert-Butylmethyl ether (Ampule)
F2052RPS	5x1ml	500ug/mltert-Butylmethyl ether (Ampule)

## EPA Method 1658

### METHYLATED PHENOXYACID HERBICIDES MIXTURE #1

#### EPA METHOD 1658

5000ug/ml	F967	4-Chloro-o-tolyloxyacetic acid methyl ester
100ug/ml	F955	2,4-D methyl ester
50ug/ml	F957	Dalapon methyl ester
200ug/ml	F959	2,4-DB methyl ester
20ug/ml	F961	Dicamba methyl ester
100ug/ml	F963	Dichlorprop methyl ester
50ug/ml	F965	Dinoseb methyl ether
5000ug/ml	F969	Mecoprop methyl ester
50ug/ml	F2155	Picloram methyl ester
20ug/ml	F971	Silvex methyl ester
20ug/ml	F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester

Mixture in Isooctane - (11 components)  
**MPH1658-1JM**                    **1ml Ampule**  
**MPH1658-1RPM**                **5x1ml Ampules**

### SURROGATE STANDARDS

#### EPA METHOD 1658

F2035	100mg	2,4-Dichlorophenylacetic acid
F2035JS	1ml	2000ug/mlAcetone (Ampule)
F2035RPS	5x1ml	2000ug/mlAcetone (Ampule)
F2036	100mg	2,4-Dichlorophenylacetic acid methyl ester
F2036JS	1ml	100ug/mlAcetone (Ampule)
F2036RPS	5x1ml	100ug/mlAcetone (Ampule)
F2036AJS	1ml	2000ug/mlAcetone (Ampule)
F2036ARPS	5x1ml	2000ug/mlAcetone (Ampule)

### METHYLATED PHENOXYACID HERBICIDES MIXTURE #2

#### EPA METHOD 1658

500ug/ml	F967	4-Chloro-o-tolyloxyacetic acid methyl ester
500ug/ml	F955	2,4-D methyl ester
500ug/ml	F957	Dalapon methyl ester
1000ug/ml	F959	2,4-DB methyl ester
500ug/ml	F961	Dicamba methyl ester
500ug/ml	F963	Dichlorprop methyl ester
500ug/ml	F969	Mecoprop methyl ester
250ug/ml	F971	Silvex methyl ester
500ug/ml	F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester

Mixture in Isooctane - (9 components)  
**MPH1658-2JM**                    **1ml Ampule**  
**MPH1658-2RPM**                **5x1ml Ampules**

## EPA Method 1660

### PYRETHRINS & PYRETHROIDS MIXTURE #1

#### EPA METHOD 1660

400ug/ml	F2460	Baythroid®
400ug/ml	F2458	d-(cis-trans)-Phenothrin
200ug/ml	F2459	Sanmarton
400ug/ml	F2457	Tetramethrin

Mixture in Acetonitrile - (4 components)  
**PP1660-1JM**                    **1ml Ampule**  
**PP1660-1RPM**                **5x1ml Ampules**

### PYRETHRINS & PYRETHROIDS MIXTURE #2

#### EPA METHOD 1660

PS-96	Allethrin
F2293	Resmethrin
F2216	Permethrin

400ug/ml in Acetonitrile - (3 components)  
**PP1660-2JM**                    **1ml Ampule**  
**PP1660-2RPM**                **5X1ml Ampules**

### PYRETHRUM STANDARD

#### EPA METHOD 1660

PS-97	100mg	Pyrethrum
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### TECHNICAL TIP

Opening an ampule - The ampules are scored at the neck (color band) to facilitate opening. 1) Chill ampule before opening - this is especially important for gas solutions & mixtures. 2) Hold the ampule vertically at arms length, with the bottle section in one hand, head section in the other - thumbs touching at the neck. 3) Press out and away with thumbs to open. 4) Transfer sample to a suitable vial and cap. 5) Caution - Edges where the ampule has been broken may be sharp: handle with care.



## Chem Service EPA Pesticide Methods

### EPA Method 8080A/8081

#### ORGANOCHLORINE PESTICIDES

**EPA METHOD 8080A/8081, 508, 608, 625, 8250A/8270B, CLP**

F89	Aldrin®
F109	Arochlor 1242
F111	Arochlor 1254
F108	Arochlor 1221
F113	Arochlor 1232
F110	Arochlor 1248
F112	Arochlor 1260
F107	Arochlor 1016
F102	a-BHC
F103	b-BHC
F105	d-BHC
F91	Chlordane
F94	4,4'-DDD
F93	4,4'-DDE
F92	4,4'-DDT
F90	Dieldrin
F202	a-Endosulfan
F203	b-Endosulfan
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (g-BHC)
F910	Methoxychlor
F106	Toxaphene®

NOTE: PPO-8JM, PPO-8RPM, PP-HC5JM, PP-HC5RPM, OCP-8080JM, OCP-8080RPM, OCP508-1JM and OCP508-1RPM do not contain the Arochlors, Chlordane or Toxaphene.

NOTE: PPO-8JM, PPO-8RPM, PP-HC5JM and PP-HC5RPM do not contain Methoxychlor.

NOTE: OCP508-1JM, OCP508-1RPM contain F2022 Endrin Ketone, F907cis-Chlordane and F908 trans-Chlordane.

Neat compounds of each of the above - (26 component kit)	<b>PPO-8N</b>	<b>KIT</b>
1ml Solutions of each, in the appropriate solvent - (26 component kit)	<b>PPO-8JS</b>	<b>KIT</b>
100ug/ml in Toluene:Hexane (50:50), less Methoxychlor - (16 components)	<b>PPO-8JM</b>	<b>1ml Ampule</b>
	<b>PPO-8RPM</b>	<b>5x1ml Ampules</b>
2000ug/ml in Toluene:Hexane (50:50), less Methoxychlor - (16 components)	<b>PP-HC5JM</b>	<b>1ml Ampule</b>
	<b>PP-HC5RPM</b>	<b>5x1ml Ampules</b>
100ug/ml in Toluene:Hexane (50:50) - (17 components)	<b>OCP-8080JM</b>	<b>1ml Ampule</b>
	<b>OCP-8080RPM</b>	<b>5x1ml Ampules</b>
1000ug/ml in tert-Butylmethyl ether - (20 components)	<b>OCP508-1JM</b>	<b>1ml Ampule</b>
	<b>OCP508-1RPM</b>	<b>5x1ml Ampules</b>

#### CUSTOM SOLUTIONS

Our in-house certified neat chemicals are the building blocks of quality custom solutions. Chem Service can tailor a product to meet your certification, budget, and delivery requirements. Use our custom solution request form on page 144 or call customer service directly at 1-(800) 452-9994 or (+) 1-610-692-3026.

### ORGANOCHLORINE PESTICIDES KITS

EPA METHOD 8081

F2072	Alachlor
F2094	Captafol
F2095	Captan
F907	cis-Chlordane
F908	trans-Chlordane
F986	Chlorobenzilate
F2201	Chloroneb
F2289	Chloropropylate
F2220	Chlorothalonil
F2040	Chlorthal
F988	Di-allate
F819	1,2-Dibromo-3-chloropropane
F2103	Dichlone
F2022	Endrin ketone
F9	Hexachlorobenzene
F53	Hexachlorocyclopentadiene
F921	Isodrin
F2281	Kelthane®
F2441	Kepone®
F2121	Mirex
F2126	Nitrofen
F2180	trans-Nonachlor
F999	Pentachloronitrobenzene
F2216	Permethrin
F2295	Perthane®
F2205	Propachlor
F2318	Strobane®
F2202	Terrazole®
F2140	Trifluralin

NOTE: Dichlone (F2103), Kepone® (PS-701), Nitrofen (F2126) and Strobane® (F2318) are not included in OCP8081-1JM and OCP8081-1RPM.

Neat compounds of each of the above - (29 component kit)	<b>OCP8081-1N</b>	<b>KIT</b>
1ml Solutions of each, in the appropriate solvent - (29 component kit)	<b>OCP8081-1JS</b>	<b>KIT</b>
1000ug/ml in Isooctane:Acetone (90:10), 1ml Ampule - (25 components)	<b>OCP8081-1JM</b>	<b>1ml Ampule</b>
	<b>OCP8081-1RPM</b>	<b>5x1ml Ampules</b>

#### PESTICIDES - CONTROL SAMPLE MIXTURE

EPA METHOD 8080A/8081, 608

20ug/ml	F89	Aldrin®
20ug/ml	F102	BHC (alpha isomer)
20ug/ml	F103	BHC (beta isomer)
100ug/ml	F94	4,4'-DDD
20ug/ml	F93	4,4'-DDE
100ug/ml	F92	4,4'-DDT
20ug/ml	F90	Dieldrin
20ug/ml	F202	a-Endosulfan
100ug/ml	F203	b-Endosulfan
100ug/ml	F97	Endosulfan sulfate
100ug/ml	F98	Endrin
20ug/ml	F100	Heptachlor
20ug/ml	F101	Heptachlor epoxide

Mixture in Toluene - (13 components)	<b>CSM-8080JM</b>	<b>1ml Ampule</b>
	<b>CSM-8080RPM</b>	<b>5x1ml Ampules</b>

#### DEGRADATION CALIBRATION MIXTURE

EPA METHOD 8080A/8081, 508/508.1, 525.2, 608, 617, 625, 1618, 1656, 8250A/8270B, CLP

100ug/ml	F98	Endrin
200ug/ml	F92	4,4'-DDT

Mixture in tert-Butylmethyl ether - (2 components)	<b>DC-508JM</b>	<b>1ml Ampule</b>
	<b>DC-508RPM</b>	<b>5x1ml Ampules</b>

## Chem Service EPA Pesticide Methods

### DEGRADATION PRODUCTS MIXTURE

**EPA METHOD 8080A/8081, 508/508.1, 525.2, 608, 617, 625, 1618, 1656, 8250A/8270B, CLP**

200ug/ml	F93	4,4'-DDE
200ug/ml	F94	4,4'-DDD
100ug/ml	F99	Endrin aldehyde
100ug/ml	F2022	Endrin ketone

Mixture in tert-Butylmethyl ether - (4 components)

**DP508-1JM** 1ml Ampule  
**DP508-1RPM** 5x1ml Ampules

### FLORISIL CARTRIDGE CHECK MIXTURE

**EPA METHOD 8080/8081A, 8270B**

5ug/ml	F102	BHC (alpha isomer)
10ug/ml	F94	4,4'-DDD
10ug/ml	F92	4,4'-DDT
20ug/ml	F2170	Decachlorobiphenyl
10ug/ml	F90	Dieldrin
10ug/ml	F98	Endrin
5ug/ml	F202	a-Endosulfan
5ug/ml	F100	Heptachlor
5ug/ml	F104	Lindane (BHC gamma isomer)
50ug/ml	F910	Methoxychlor
20ug/ml	F903	2,4,5,6-Tetrachloro-m-xylene

Mixture in Hexane - (11 components)

**FCC8081-1JM** 1ml Ampule  
**FCC8081-1RPM** 5x1ml Ampules

### SURROGATE STANDARDS MIXTURE #1

**EPA METHOD 8080A/8081, CLP**

F2170	Decachlorobiphenyl
F903	2,4,5,6-Tetrachloro-m-xylene

2000ug/ml in Toluene - (2 components)

**SM-8080JM** 1ml Ampule  
**SM-8080RPM** 5x1ml Ampules

### SURROGATE STANDARDS MIXTURE #2

**EPA METHOD 8080A/8081, CLP**

F850	Dibutyl chlorendate
F903	2,4,5,6-Tetrachloro-m-xylene

2000ug/ml in Acetone - (2 components)

**SM-8080AJM** 1ml Ampule  
**SM-8080ARPM** 5x1ml Ampules

### SURROGATE STANDARDS

**EPA METHOD 8080A/8081**

F2320	5g	4-Chloro-3-nitrobenzotrifluoride
F2320JS	5ml	1000ug/ml Isooctane (Ampule)
F2320RPS	5ml	1000ug/ml Isooctane (Ampule)

F2170	10mg	Decachlorobiphenyl
F2170JS	1ml	1000ug/ml Hexane (Ampule)
F2170RPS	5x1ml	1000ug/ml Hexane (Ampule)
F2170AJS	1ml	100ug/ml Hexane (Ampule)
F2170ARPS	5x1ml	100ug/ml Hexane (Ampule)
F2170BJS	1ml	500ug/ml Acetone (Ampule)
F2170BRPS	5x1ml	500ug/ml Acetone (Ampule)

F850	1g	Dibutyl chlorendate
F850JS	1ml	1000ug/ml Methylene chloride (Ampule)
F850RPS	5x1ml	1000ug/ml Methylene chloride (Ampule)
F850AJS	1ml	2000ug/ml Acetone (Ampule)
F850ARPS	5x1ml	2000ug/ml Acetone (Ampule)

F903	1g	2,4,5,6-Tetrachloro-m-xylene
F903JS	1ml	200ug/ml Methanol
F903RPS	5x1ml	200ug/ml Methanol

### INTERNAL STANDARDS

**EPA METHOD 8080A/8081**

F2319	1g	1-Bromo-2-nitrobenzene
F2319JS	1ml	1000ug/ml Isooctane (Ampule)
F2319RPS	5x1ml	1000ug/ml Isooctane (Ampule)
F2319AJS	1ml	5000ug/ml Isooctane (Ampule)
F2319ARPS	5x1ml	5000ug/ml Isooctane (Ampule)

F999	1g	Pentachloronitrobenzene
F999JS	1ml	100ug/ml Methanol
F999RPS	5x1ml	100ug/ml Methanol
F999AJS	1ml	1000ug/ml Isooctane (Ampule)
F999ARPS	5x1ml	1000ug/ml Isooctane (Ampule)
F999BJS	1ml	2000ug/ml Ethyl acetate
F999BRPS	5x1ml	2000ug/ml Ethyl acetate
F999CJS	1ml	5000ug/ml Isooctane (Ampule)
F999CRPS	5x1ml	5000ug/ml Isooctane (Ampule)

## EPA Method 8140/8141A

### ORGANOPHOSPHOROUS PESTICIDES

**METHOD 8140/8141A**

F2057	Chlorpyrifos
F2058	Coumaphos
F2059	Demeton-S
F2060	Diazinon
F2067	Dibrom
F2061	Dichlorvos
F993	Disulfoton
F2068	Fenchlorophos
F2063	Fensulfothion
F2064	Fenthion
F2055	Guthion
F996	Methyl parathion
F1080	Phorate
F2066	Phosdrin
F2062	Propfos
F2056	Sulprofos
F2069	Tetrachlorvinphos
F2070	Tokuthion
F2065	Tributylphosphorotrithioite
F2222	Trichloronate

Neat compounds of each of the above - (20 component kit)

**OPP-8140N** KIT

1ml Solutions of each, in the appropriate solvent - (20 component kit)  
**OPP-8140JS** KIT

100ug/ml in Methylene chloride - (20 components)

**OPP-8140JM** 1ml Ampule  
**OPP-8140RPM** 5x1ml Ampules

### TRIAZINE HERBICIDES MIXTURE

**EPA METHOD 8141A**

F2208	Atrazine
F2073	Simazine

200ug/ml in Acetone - (2 components)

**TH8141-1JM** 1ml Ampule  
**TH8141-1RPM** 5x1ml Ampules

Our Chem Service standards materials are available convenience sized – for your specific laboratory use. If you require a 5x1ml (RPM), or 1ml (JM), request it when ordering any of our quality materials. Your order will be processed promptly and each item requested will arrive with a Material Safety Data Sheet and a Certificate of Analysis, where applicable.

## Chem Service EPA Pesticide Methods

### ORGANOPHOSPHOROUS COMPOUNDS

#### EPA METHOD 8141A

(Supplement to EPA Method 8140)

F989	Dimethoate
F2112	EPN
F2118	Malathion
F2122	Monocrotophos
F998	Parathion®
F940	Tetraethylthiopyrophosphate
F2138	Tetraethylpyrophosphate

NOTE: Tetraethylpyrophosphate (F2138), is not included in the mixture due to its instability. It is recommended that it be purchased individually.

Neat compounds of each of the above - (7 component kit)

**OPP-8141N KIT**

1ml Solutions of each, in the appropriate solvent - (7 component kit)

**OPP-8141JS KIT**

Mixture at 100ug/ml in Hexane - (6 components)

**OPP-8141JM 1ml Ampule**  
**OPP-8141RPM 5x1ml Ampules**

### ORGANOPHOSPHOROUS COMPOUNDS MIXTURE

#### EPA METHOD 8141A

F2420	Aspon®
F2096	Carbophenothion
F2097	Chlorfenvinphos
F2296	Chlorpyrifos methyl
F2101	Crotoxyphos
F2422	Dichlofenthion
F2104	Dicrotophos
F2110	Dioxathion
F2424	Dyfonate®
F2215	Dylox®
F2113	Ethion
F994	Famphur
F2423	Fenitrothion
F2421	Guthion Ethyl
F2117	Leptophos
F2129	Imidan®
F2130	Phosphamidon
F2137	Terbufos
F2152	Zinophos®

100ug/ml in Hexane - (19 components)

**OPC8141A-1JM 1ml Ampule**  
**OPC8141A-1RPM 5x1ml Ampules**

### ORGANOPHOSPHOROUS PESTICIDES MIXTURES KIT

#### EPA METHOD 8141A

OPP-8140JM	Organophosphorous Pesticides Mixture
OPP-8141JM	Organophosphorous Compounds Mixture
OPC8141A-1JM	Organophosphorous Compounds Mixture

1ml of each, in the appropriate solvent - (3 component kit)

**MMOPP8141-3 KIT**

### SPECIAL ORGANOPHOSPHOROUS MIXTURE

#### EPA METHOD 8141A

F2060	Diazinon
F2113	Ethion
F2118	Malathion
F996	Methyl parathion
F998	Parathion®

100ug/ml in Cyclohexane - (5 components)

**CR8141-1JM 1ml Ampule**  
**CR8141-1RPM 5x1ml Ampules**

### HALOGENATED PESTICIDES MIXTURE

#### EPA METHOD 8140/8141A

F2057	Chlorpyrifos
F2058	Coumaphos
F2061	Dichlorvos
F2067	Dibrom
F2068	Fenchlorphos
F2069	Tetrachlorvinphos
F2070	Tokuthion®
F2222	Trichloronate

500ug/ml in Hexane - (8 components)

**HP8140-1JM 1ml Ampule**  
**HP8140-1RPM 5x1ml Ampules**

### TEPP STANDARDS

#### EPA METHOD 8141A

F2138	1g	Tetraethylpyrophosphate
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### INDUSTRIAL CHEMICALS MIXTURE

#### EPA METHOD 8141A

F2425	Tri-o-cresyl phosphate
F2115	Hexamethylphosphoric triamide

1000ug/ml in Hexane - (2 components)

**IC8141-1JM 1ml Ampule**  
**IC8141-1RPM 5x1ml Ampules**

### EPN STANDARDS

#### EPA METHOD 8141A

F2112	1g	EPN
F2112JS	1ml	100ug/mlHexane (Ampule)
F2112RPS	5x1ml	100ug/mlHexane (Ampule)
F2112AJS	1ml	1000ug/mlHexane (Ampule)
F2112ARPS	5x1ml	1000ug/mlHexane (Ampule)

### SIMAZINE STANDARDS

#### EPA METHOD 8141A,507

F2073	100mg	Simazine
F2073JS	1ml	100ug/mlMethanol
F2073RPS	5x1ml	100ug/mlMethanol
F2073AJS	1ml	1000ug/mlAcetone (Ampule)
F2073ARPS	5x1ml	1000ug/mlAcetone (Ampule)

### ATRAZINE STANDARDS

#### EPA METHOD 8141A

F2208	1g	Atrazine
F2208JS	1ml	100ug/mltert-Butylmethyl ether (Ampule)
F2208RPS	5x1ml	100ug/mltert-Butylmethyl ether (Ampule)

### TEPP DEGRADATION STANDARDS (TEP)

#### EPA METHOD 8141A

F2192	5g	Triethyl phosphate
F2192JS	1ml	100ug/mlHexane (Ampule).
F2192RPS	5x1ml	100ug/mlHexane (Ampule)

### DIBROM DEGRADATION STANDARDS

#### EPA METHOD 8140/8141A

F2061	1g	Dichlorvos
F2061JS	1ml	100ug/mlToluene (Ampule)
F2061RPS	5x1ml	100ug/mlToluene (Ampule)
F2061AJS	1ml	1000ug/mlHexane (Ampule)
F2061ARPS	5x1ml	1000ug/mlHexane (Ampule)

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Chem Service EPA Pesticide Methods

### MERPHOS CALIBRATION STANDARDS

EPA METHOD 8140/8141A, 507, 622, 1657, 8321

F2214	1g	S.S.S-Tributylphosphorotrithioate
F2214JS	1ml	100ug/ml tert-Butylmethyl ether (Ampule)
F2214RPS	5x1ml	100ug/ml tert-Butylmethyl ether (Ampule)

### INTERNAL STANDARDS

EPA METHOD 8140/8141A

F2319	1g	1-Bromo-2-nitrobenzene
F2319JS	1ml	1000ug/ml Isooctane (Ampule)
F2319RPS	5x1ml	1000ug/ml Isooctane (Ampule)

### SURROGATE STANDARDS

EPA METHOD 8140/8141A

F2320	5g	4-Chloro-3-nitrobenzotrifluoride
F2320JS	1ml	1000ug/ml Isooctane (Ampule)
F2320RPS	5x1ml	1000ug/ml Isooctane (Ampule)

F2191	5g	Tributyl phosphate
F2191JS	1ml	2000ug/ml Acetone (Ampule)
F2191RPS	5x1ml	2000ug/ml Acetone (Ampule)

F2052	5g	Triphenyl phosphate
F2052JS	1ml	500ug/ml tert-Butylmethyl ether (Ampule)
F2052RPS	5x1ml	500ug/ml tert-Butylmethyl ether (Ampule)

## EPA Method 8150/8150A/8150B

### CHLORINATED HERBICIDES

EPA METHOD 8150B, 1618, 8321

F954	2,4-D
F958	2,4-DB
F956	Dalapon
F960	Dicamba
F962	Dichlorprop
F964	Dinoseb
F966	4-Chloro-o-tolylloxyacetic acid
F968	Mecoprop
F970	Silvex
F972	2,4,5-T®

Neat compounds of each of the above - (10 component kit)

**CH-8150N**                      **KIT**

1ml Solutions of each, in the appropriate solvent - (10 component kit)

**CH-8150JS**                      **KIT**

100ug/ml in Acetone - (10 components)

**CH-8150JM**                      **1ml Ampule**  
**CH-8150RPM**                      **5x1ml Ampules**

### METHYLATED CHLORINATED HERBICIDES

EPA METHOD 8150B, 1618

F955	2,4-D, methyl ester
F959	2,4-DB, methyl ester
F957	Dalapon, methyl ester
F961	Dicamba, methyl ester
F963	Dichlorprop, methyl ester
F965	Dinoseb, methyl ether
F967	4-Chloro-o-tolylloxy acetic acid, methyl ester
F969	Mecoprop methyl ester
F971	Silvex, methyl ester
F973	2,4,5-(Trichlorophenoxy) acetic acid, methyl ester

Neat compounds of each of the above - (10 component kit)

**MCH-8150N**                      **KIT**

1ml Solutions of each, in the appropriate solvent - (10 component kit)

**MCH-8150JS**                      **KIT**

Mixture at 100ug/ml in Methanol - (10 components)

**MCH-8150JM**                      **1ml Ampule**  
**MCH-8150RPM**                      **5x1ml Ampules**

### CHLORINATED HERBICIDES MIXTURE

EPA METHOD 8150B, 515.1

F954	2,4-D
F970	Silvex
F972	2,4,5-T®

2000ug/ml in Acetone - (3 components)

**CSHC-14AJM**                      **1ml Ampule**  
**CSHC-14ARPM**                      **5x1ml Ampules**

### CHLORINATED HERBICIDE ESTERS MIXTURE

EPA METHOD 8150B, 515.1

F955	2,4-D methyl ester
F971	Silvex methyl ester
F973	2,4,5-T methyl ester

2000ug/ml in Hexane - (3 components)

**CSHC-14JM**                      **1ml Ampule**  
**CSHC-14RPM**                      **5x1ml Ampules**

### CHLORINATED HERBICIDES - CONTROL SAMPLE MIXTURE

EPA METHOD 8150B, 615

10,000ug/ml	F966	4-Chloro-o-tolylloxyacetic acid
100ug/ml	F954	2,4-D
250ug/ml	F956	Dalapon
100ug/ml	F958	2,4-DB
10ug/ml	F960	Dicamba
100ug/ml	F962	Dichlorprop
50ug/ml	F964	Dinoseb
10,000ug/ml	F968	Mecoprop
10ug/ml	F970	Silvex
10ug/ml	F972	2,4,5-T®

Mixture in Toluene - (10 components)

**CSM8150-1JM**                      **1ml Ampule**  
**CSM8150-1RPM**                      **5x1ml Ampules**

### METHYLATED CHLORINATED HERBICIDES - CONTROL SAMPLE MIXTURE

EPA METHOD 8150B, 615

10,000ug/ml	F967	4-Chloro-o-tolylloxyacetic acid methyl ester
100ug/ml	F955	2,4-D methyl ester
250ug/ml	F957	Dalapon methyl ester
100ug/ml	F959	2,4-DB methyl ester
10ug/ml	F961	Dicamba methyl ester
100ug/ml	F963	Dichlorprop methyl ester
50ug/ml	F965	Dinoseb methyl ether
10,000ug/ml	F969	Mecoprop methyl ester
10ug/ml	F971	Silvex methyl ester
10ug/ml	F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester

Mixture in Hexane - (10 components)

**MCSM8150-1JM**                      **1ml Ampule**  
**MCSM8150-1RPM**                      **5x1ml Ampules**

### SURROGATE STANDARDS

EPA METHOD 8150B

F2035	100mg	2,4-Dichlorophenylacetic acid
F2035JS	5ml	2000ug/ml Acetone (Ampule)
F2035RPS	5ml	2000ug/ml Acetone (Ampule)

F2036	100mg	2,4-Dichlorophenylacetic acid methyl ester
F2036JS	5ml	100ug/ml Acetone (Ampule)
F2036RPS	5ml	100ug/ml Acetone (Ampule)
F2036AJS	5ml	2000ug/ml Acetone (Ampule)
F2036ARPS	5ml	2000ug/ml Acetone (Ampule)

## Chem Service EPA Pesticide Methods

### EPA Method 8151/8151A/8151B

#### CHLORINATED HERBICIDES

EPA METHOD 8115,615

F2037	Acifluorfen
F2038	Bentazon
F2039	Chloramben
F966	4-Chloro-o-tolxyoxyacetic acid
F954	2,4-D
F956	Dalapon
F958	2,4-DB
F960	Dicamba
F2034	3,5-Dichlorobenzoic acid
F962	Dichlorprop
F964	Dinoseb
MET-346A	5-Hydroxydicamba
F968	Mecoprop
F58	4-Nitrophenol
F64	Pentachlorophenol
F2041	Picloram
F970	Silvex
F972	2,4,5-T®
F2178	Tetrachloroterephthalic acid

NOTE: 5-Hydroxydicamba, MET-346A, is available 100ug/ml in Acetone:Water (90:10) only and is not included in CH-8151JM or CH-8151RPM.

Neat compounds of each of the above - (19 component kit)  
**CH-8151N KIT**

Solutions of each of the above in an appropriate solvent - (19 component kit)  
**CH-8151JS KIT**

1000ug/ml in Acetone - (18 components)  
**CH-8151JM 1ml Ampule**  
**CH-8151RPM 5x1ml Ampules**

#### METHYLATED CHLORINATED HERBICIDES

EPA METHOD 8151,615

F2224	Acifluorfen methyl ester
F2244	Bentazon methyl derivative
F2226	Chloramben methyl ester
F967	4-Chloro-o-tolxyoxyacetic acid methyl ester
F2040	Chlorthal
F955	2,4-D methyl ester
F957	Dalapon methyl ester
F959	2,4-DB methyl ester
F961	Dicamba methyl ester
F2223	3,5-Dichlorobenzoic acid methyl ester
F963	Dichlorprop methyl ester
F965	Dinoseb methyl ether
MET-346A	5-Hydroxydicamba
F969	Mecoprop methyl ester
F2175	p-Nitroanisole
F2156	Pentachloroanisole
F2155	Picloram methyl ester
F971	Silvex methyl ester
F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester

NOTE: 5-Hydroxydicamba, MET-346A, is not included in MCH-8151JM or MCH-8151RPM.

NOTE: In MCH-8151N and MCH-8151JS, MET-364A is included as a non-methyl ester, at 100ug/ml in Acetone:Water (90:10).

Neat compounds of each of the above - (19 component kit)  
**MCH-8151N KIT**

1ml Solutions of each, in the appropriate solvent - (19 component kit)  
**MCH-8151JS KIT**

1000ug/ml in Acetone:Isooctane (10:90) - (18 components)  
**MCH-8151JM 1ml Ampule**  
**MCH-8151RPM 5x1ml Ampules**

#### FLORISIL CARTRIDGE CHECK MIXTURE

EPA METHOD 8151/8151A

100ug/ml	F973	(2,4,5-Trichlorophenoxy)acetic acid methyl ester
50ug/ml	F2156	Pentachloroanisole
200ug/ml	F2155	Picloram methyl ester

Mixture in Hexane - (3 components)

**FCC8151-1JM 1ml Ampule**  
**FCC8151-1RPM 5x1ml Ampules**

#### SPIKING STANDARDS

EPA METHOD 8151

F2093	1g	Bromoxynil
F2093JS	1ml	100ug/mlMethanol
F2093RPS	5x1ml	100ug/mlMethanol

#### INTERNAL STANDARDS

EPA METHOD 8151

F905	100mg	4,4-Dibromooctafluorobiphenyl
F905JS	1ml	2000ug/mlMethylene chloride (Ampule)
F905RPS	5x1ml	2000ug/mlMethylene chloride (Ampule)

F27	5g	1,4-Dichlorobenzene
F27JS	1ml	100ug/mlMethanol
F27RPS	5x1ml	100ug/mlMethanol

#### SURROGATE STANDARDS

EPA METHOD 8151

F2035	100mg	2,4-Dichlorophenylacetic acid
F2035JS	1ml	2000ug/mlAcetone (Ampule)
F2035RPS	5x1ml	2000ug/mlAcetone (Ampule)

F2036	100mg	2,4-Dichlorophenylacetic acid methyl ester
F2036JS	1ml	100ug/mlAcetone (Ampule)
F2036RPS	5x1ml	100ug/mlAcetone (Ampule)
F2036AJS	1ml	2000ug/mlAcetone (Ampule)
F2036ARPS	5x1ml	2000ug/mlAcetone (Ampule)

#### SOLUTION STABILITY

Chem Service has an internal requirement that neat standard grade materials have a purity of 98% or greater. These same high purity neat standards are used to make our standard solutions and mixtures. Corrections are made to analytes with purities of less than 99%. Balances used to prepare stock and custom standards are calibrated to NIST traceable weights.

The expiration date is based on our years of experience with the product, not an arbitrarily assigned one year expiration date when the product is ordered.





## Chem Service EPA Pesticide Methods

### CLP Pesticides

#### PESTICIDE & PCB COMPOUNDS

##### CLP PESTICIDES

F89	Aldrin®
F107	Arochlor 1016
F108	Arochlor 1221
F113	Arochlor 1232
F109	Arochlor 1242
F110	Arochlor 1248
F111	Arochlor 1254
F112	Arochlor 1260
F102	BHC (alpha isomer)
F103	BHC (beta isomer)
F105	BHC (delta isomer)
F907	cis-Chlordane
F908	trans-Chlordane
F93	4,4'-DDE
F94	4,4'-DDD
F92	4,4'-DDT
F90	Dieldrin
F202	a-Endosulfan
F203	b-Endosulfan
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F2022	Endrin ketone
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (BHC gamma isomer)
F910	Methoxychlor
F106	Toxaphene®

Neat compounds of each of the above - (28 component kit)  
**CLPPES-1N KIT**

1ml Solutions of each, in the appropriate solvent - (28 component kit)  
**CLPPES-1JS KIT**

#### TOXAPHENE® & CHLORDANE KIT

##### CLP PESTICIDES

F91	Chlordane
F106	Toxaphene®

Neat compounds of each of the above - (2 component kit)  
**PP-7N KIT**

1ml Solutions of each, in the appropriate solvent - (2 component kit)  
**PP-7JS KIT**

#### AROCHLOR 1016 & AROCHLOR 1260 MIXTURE

##### CLP PESTICIDES

F107	Arochlor 1016
F112	Arochlor 1260

200ug/ml in Hexane - (2 components)  
**CSM-CLPPJM 1ml Ampule**  
**CSM-CLPPRPM 5x1ml Ampules**

#### POLYCHLORINATED BIPHENYLS

##### CLP PESTICIDES

F107	Arochlor 1016
F108	Arochlor 1221
F113	Arochlor 1232
F109	Arochlor 1242
F110	Arochlor 1248
F111	Arochlor 1254
F112	Arochlor 1260

Neat compounds of each of the above - (7 component kit)  
**PP-8N KIT**

1ml Solutions of each, 100ug/ml in Methanol - (7 component kit)  
**PP-8JS KIT**

### ORGANOCHLORINE PESTICIDES

#### CLP PESTICIDES

F89	Aldrin®
F109	Arochlor 1242
F111	Arochlor 1254
F108	Arochlor 1221
F113	Arochlor 1232
F110	Arochlor 1248
F112	Arochlor 1260
F107	Arochlor 1016
F102	a-BHC
F103	b-BHC
F105	d-BHC
F91	Chlordane
F94	4,4'-DDD
F93	4,4'-DDE
F92	4,4'-DDT
F90	Dieldrin
F202	a-Endosulfan
F203	b-Endosulfan
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (g-BHC)
F910	Methoxychlor
F106	Toxaphene®

NOTE: PPO-8M, PPO-8JM, PP-HC5, PP-HC5JM, OCP-8080M, OCP-8080JM, OCP508-1M and OCP508-1JM do not contain the Arochlors, Chlordane or Toxaphene.

NOTE: PPO-8M, PPO-8JM, PP-HC5 and PP-HC5JM do not contain Methoxychlor.

NOTE: OCP508-1M, OCP508-1JM contain F2022 Endrin Ketone, F907 cis-Chlordane and F908 trans-Chlordane.

Neat compounds of each of the above - (26 component kit)  
**PPO-8N KIT**

1ml Solutions of each, in the appropriate solvent - (26 component kit)  
**PPO-8JS KIT**

100ug/ml in Toluene:Hexane (50:50), less Methoxychlor - (16 components)  
**PPO-8JM 1ml Ampule**  
**PPO-8RPM 5x1ml Ampules**

2000ug/ml in Toluene:Hexane (50:50), less Methoxychlor - (16 components)  
**PP-HC5JM 1ml Ampule**  
**PP-HC5RPM 5x1ml Ampules**

100ug/ml in Toluene:Hexane (50:50) - (17 components)  
**OCP-8080JM 1ml Ampule**  
**OCP-8080RPM 5x1ml Ampules**

1000ug/ml in tert-Butylmethyl ether - (20 components)  
**OCP508-1JM 1ml Ampule**  
**OCP508-1RPM 5x1ml Ampules**

#### AROCHLORS, TOXAPHENE® & CHLORDANE SOLUTIONS KIT

##### CLP PESTICIDES

F107AS	Arochlor 1016 Solution
F108AS	Arochlor 1221 Solution
F113AS	Arochlor 1232 Solution
F109AS	Arochlor 1242 Solution
F110AS	Arochlor 1248 Solution
F111AS	Arochlor 1254 Solution
F112BS	Arochlor 1260 Solution
F91AS	Chlordane Solution
F106BS	Toxaphene® Solution

1ml Solutions of each, 1000ug/ml in Hexane - (9 component kit)  
**CTA608-1JS KIT**



## Chem Service EPA Pesticide Methods

### PESTICIDES STANDARD MIXTURE A

CLP PESTICIDES		
100ug/ml	F102	BHC (alpha isomer)
200ug/ml	F94	4,4'-DDD
200ug/ml	F92	4,4'-DDT
200ug/ml	F2107	Decachlorobiphenyl
200ug/ml	F90	Dieldrin
100ug/ml	F202	a-Endosulfan
200ug/ml	F98	Endrin
100ug/ml	F100	Heptachlor
100ug/ml	F104	Lindane (BHC gamma isomer)
1000ug/ml	F910	Methoxychlor
100ug/ml	F903	2,4,5,6-Tetrachloro-m-xylene

Mixture in Hexane - (11 components)  
**CLP-18JM** 1ml Ampule  
**CLP-18RPM** 5x1ml Ampules

### PESTICIDES STANDARD MIXTURE B

CLP PESTICIDES		
100ug/ml	F89	Aldrin®
100ug/ml	F103	BHC (beta isomer)
100ug/ml	F105	BHC (delta isomer)
100ug/ml	F907	cis-Chlordane
100ug/ml	F908	trans-Chlordane
200ug/ml	F93	4,4'-DDE
200ug/ml	F2170	Decachlorobiphenyl
200ug/ml	F203	b-Endosulfan
200ug/ml	F97	Endosulfan sulfate
200ug/ml	F99	Endrin aldehyde
200ug/ml	F2022	Endrin ketone
100ug/ml	F101	Heptachlor epoxide
100ug/ml	F903	2,4,5,6-Tetrachloro-m-xylene

Mixture in Toluene:Hexane (50:50) - (13 components)  
**CLP-19JM** 1ml Ampule  
**CLP-19RPM** 5x1ml Ampules

### DEGRADATION CALIBRATION MIXTURE

CLP PESTICIDES		
200ug/ml	F92	4,4'-DDT
100ug/ml	F98	Endrin

Mixture in tert-Butylmethyl ether - (2 components)  
**DC-508JM** 1ml Ampule  
**DC-508RPM** 5x1ml Ampules

### DEGRADATION PRODUCTS MIXTURE

CLP PESTICIDES		
200ug/ml	F93	4,4'-DDE
200ug/ml	F94	4,4'-DDD
100ug/ml	F99	Endrin aldehyde
100ug/ml	F2022	Endrin ketone

Mixture in tert-Butylmethyl ether - (4 components)  
**DP508-1JM** 1ml Ampule  
**DP508-1RPM** 5x1ml Ampules

### CLP MATRIX SPIKING MIXTURE

CLP PESTICIDES		
100ug/ml	F89	Aldrin
200ug/ml	F92	4,4'-DDT
200ug/ml	F90	Dieldrin
200ug/ml	F98	Endrin
100ug/ml	F100	Heptachlor
100ug/ml	F104	Lindane (BHC gamma isomer)

Mixture in Acetone - (6 components)  
**CLP-MSJM** 1ml Ampule  
**CLP-MSRPM** 5x1ml Ampules

### PESTICIDE PERFORMANCE EVALUATION MIXTURE

CLP PESTICIDES		
10ug/ml	F102	BHC (alpha isomer)
10ug/ml	F103	BHC (beta isomer)
100ug/ml	F92	4,4'-DDT
20ug/ml	F2170	Decachlorobiphenyl
50ug/ml	F98	Endrin
10ug/ml	F104	Lindane (BHC gamma isomer)
250ug/ml	F910	Methoxychlor
20ug/ml	F903	2,4,5,6-Tetrachloro-m-xylene

Mixture in Toluene:Hexane (50:50) - (8 components)  
**CLP-16JM** 1ml Ampule  
**CLP-16RPM** 5x1ml Ampules

### PESTICIDE RESOLUTION CHECK MIXTURE

CLP PESTICIDES		
10ug/ml	F908	trans-Chlordane
20ug/ml	F93	4,4'-DDE
20ug/ml	F2170	Decachlorobiphenyl
20ug/ml	F90	Dieldrin
10ug/ml	F202	a-Endosulfan
20ug/ml	F97	Endosulfan sulfate
20ug/ml	F2022	Endrin ketone
100ug/ml	F910	Methoxychlor
20ug/ml	F903	2,4,5,6-Tetrachloro-m-xylene

Mixture in Hexane - (9 components)  
**CLP-15JM** 1ml Ampule  
**CLP-15RPM** 5x1ml Ampules

### SURROGATE STANDARDS MIXTURE #1

CLP PESTICIDES		
F2170	Decachlorobiphenyl	
F903	2,4,5,6-Tetrachloro-m-xylene	

2000ug/ml in Toluene - (2 components)  
**SM-8080JM** 1ml Ampule  
**SM-8080RPM** 5x1ml Ampules

### SURROGATE STANDARDS MIXTURE #2

CLP PESTICIDES		
F850	Dibutyl chlorendate	
F903	2,4,5,6-Tetrachloro-m-xylene	

2000ug/ml in Acetone - (2 components)  
**SM-8080AJM** 1ml Ampule  
**SM-8080ARPM** 5x1ml Ampules

### SURROGATE STANDARDS

CLP PESTICIDES		
F2170	10mg	Decachlorobiphenyl
F2170JS	1ml	1000ug/mlHexane (Ampule)
F2170RPS	5x1ml	1000ug/mlHexane (Ampule)
F2170AJS	1ml	100ug/mlHexane (Ampule)
F2170ARPS	5x1ml	100ug/mlHexane (Ampule)
F2170BJS	1ml	500ug/mlAcetone (Ampule)
F2170BRPS	5x1ml	500ug/mlAcetone (Ampule)
F850	1g	Dibutyl chlorendate
F850JS	1ml	1000ug/mlMethylene chloride (Ampule)
F850RPS	5x1ml	1000ug/mlMethylene chloride (Ampule)
F850AJS	1ml	2000ug/mlAcetone (Ampule)
F850ARPS	5x1ml	2000ug/mlAcetone (Ampule)
F903	1g	2,4,5,6-Tetrachloro-m-xylene
F903JS	1ml	200ug/mlMethanol
F903RPS	5x1ml	200ug/mlMethanol

## Chem Service EPA Pesticide Methods

### CLP QTM Pesticides

#### ORGANOCHLORINE PESTICIDES MIXTURE

##### CLP QUICK TURNAROUND METHOD - PESTICIDES

F89	Aldrin®
F102	BHC (alpha isomer)
F103	BHC (beta isomer)
F105	BHC (delta isomer)
F907	cis-Chlordane
F908	trans-Chlordane
F94	4,4'-DDD
F93	4,4'-DDE
F92	4,4'-DDT
F90	Dieldrin
F202	a-Endosulfan
F203	b-Endosulfan
F97	Endosulfan sulfate
F98	Endrin
F99	Endrin aldehyde
F2022	Endrin ketone
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (BHC gamma isomer)
F910	Methoxychlor

1000ug/ml in tert-Butylmethyl ether - (20 components)  
**OCP508-1JM** 1ml Ampule  
**OCP508-1RPM** 5x1ml Ampules

#### CONTROL SAMPLE MIXTURE

##### CLP QUICK TURNAROUND METHOD - PESTICIDES

1ug/ml	F89	Aldrin®
10ug/ml	F105	BHC (delta isomer)
20ug/ml	F92	4,4'-DDT
15ug/ml	F90	Dieldrin
20ug/ml	F202	a-Endosulfan
5ug/ml	F203	b-Endosulfan
25ug/ml	F98	Endrin
4ug/ml	F100	Heptachlor
1ug/ml	F101	Heptachlor epoxide
2ug/ml	F910	Methoxychlor

Mixture in Hexane - (10 components)  
**CSMQPST-1JM** 1ml Ampule  
**CSMQPST-1RPM** 5x1ml Ampules

#### SYSTEM MONITORING COMPOUNDS

##### CLP QUICK TURNAROUND METHOD - PESTICIDES

F2170	10mg	Decachlorobiphenyl
F2170JS	1ml	1000ug/mlHexane (Ampule)
F2170RPS	5x1ml	1000ug/mlHexane (Ampule)
F2170AJS	1ml	100ug/mlHexane (Ampule)
F2170ARPS	5x1ml	100ug/mlHexane (Ampule)
F2170BJS	1ml	500ug/mlAcetone (Ampule)
F2170BRPS	5x1ml	500ug/mlAcetone (Ampule)

#### PS-2276 Clodinafop-propargyl

Clodinafop-propargyl, also known as a herbicide in the Oxyphenoxy acid ester family. It is registered for use on spring wheat. Go to page 72 for chemical name, alternate names, chemical formula, and chemical structure information.

### TCLP - EPA Method 1311

#### TCLP PESTICIDES SPIKING MIXTURES

##### TCLP

F98	Endrin
F100	Heptachlor
F101	Heptachlor epoxide
F104	Lindane (BHC gamma isomer)
F910	Methoxychlor

100ug/ml in Methanol - (5 components)  
**TCLP-1PJM** 1ml Ampule  
**TCLP-1PRPM** 5x1ml Ampules

2000ug/ml in Methanol - (5 components)  
**TCLP-1PSJM** 1ml Ampule  
**TCLP-1PSRPM** 5x1ml Ampules

#### TOXAPHENE® & CHLORDANE KIT

##### TCLP

F91	Chlordane
F106	Toxaphene®

Neat compounds of each of the above - (2 component kit)  
**PP-7N** KIT

1ml Solutions of each, in the appropriate solvent - (2 component kit)  
**PP-7JS** KIT

#### CHLORINATED HERBICIDES MIXTURE

##### TCLP

F954	2,4-D
F970	Silvex
F972	2,4,5-T®

2000ug/ml in Acetone - (3 components)  
**CSHC-14JAM** 1ml Ampule  
**CSHC-14ARPM** 5x1ml Ampules

#### CHLORINATED HERBICIDE ESTERS MIXTURE

##### TCLP

F955	2,4-D methyl ester
F971	Silvex methyl ester
F973	2,4,5-T methyl ester

2000ug/ml in Hexane - (3 components)  
**CSHC-14JM** 1ml Ampule  
**CSHC-14RPM** 5x1ml Ampules

#### Synthesis Capability

Chem Service is continually increasing the number of "Standards Grade" pesticide materials in response to the increasing worldwide need for these analytical grade standards. Our chemists are experts in the synthesis and purification of pesticides and their related metabolites. Since we last printed this catalog, Chem Service has added more than 100 new neat "Standards Grade" pesticides and metabolites and several hundred single component pesticide standard solutions.

## Chem Service EPA Pesticide Methods

### EPA Method TO10

#### ORGANOCHLORINE PESTICIDES

##### EPA METHOD TO10

F89 Aldrin®	F102 BHC (alpha isomer)	F103 BHC (beta isomer)
F2095 Captan	F91 Chlordane	F2220 Chlorothalonil
F2057 Chlorpyrifos	F955 2,4-D methyl ester	PS-315 2,4-D butoxyethyl ester
PS-298 2,4-D butoxypolypropylene ester	PS-42 2,4-D butyl ester	PS-301 2,4-D sec-butyl ester
PS-337 2,4-D dimethylamine salt	PS-338 2,4-D ethanolamine salt	PS-304 2,4-D ethyl ester
PS-319 2,4-D isooctyl ester	PS-332 2,4-D isopropanol amine salt	PS-43 2,4-D isopropyl ester
PS-302 2,4-D propylene glycol ester	F92 4,4'-DDT	F93 4,4'-DDE
F90 Dieldrin	F2061 Dichlorvos	F98 Endrin
F99 Endrin aldehyde	F2068 Fenchlorphos	PS-26 Folpet
F100 Heptachlor	F101 Heptachlor epoxide	F9 Hexachlorobenzene
PS-82 Kelthane®	F104 Lindane (BHC gamma isomer)	F910 Methoxychlor
F2121 Mirex	F2180 trans-Nonachlor	MET-75A Oxychlordane
F938 Pentachlorobenzene	F64 Pentachlorophenol	F717 2,4,5-Trichlorophenol

Neat compounds of each of the above - (39 component kit)  
NOTE: MET-75A Oxychlordane 10ng/ul in Methanol

ATO-10N

KIT

## Chem Service Pesticide Kits

### Fungicide Kit

#### PSK-42

DESCRIPTION - This kit contains a selection of 42 standards of the most common fungicides in use today.  
Sizes range from 10mg to 1g.

##### Halogenated Phenols

PS-6	Dichlorophenol
PS-7	Pentachlorophenol
PS-8	2,3,4,6-Tetrachlorophenol
PS-9	2,4,5-Trichlorophenol
PS-10	2,4,6-Trichlorophenol

##### Halogenated Quinones

PS-11	Chloranil
PS-12	Dichlone

##### Mercurials

PS-13	1,4,5,6,7,7-Hexachloro-N-(ethylmercuri)-5-norbornene-2,3-dicarboximide
PS-14	Phenyl mercuric acetate
PS-15	Phenyl mercuric benzoate
PS-214	Phenyl mercuric chloride
PS-215	Phenyl mercuric hydroxide
PS-216	Phenyl mercuric lactate
PS-217	Phenyl mercuric phthalate

##### Diazines

PS-17	Dazomet
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##### Quinolinols

PS-18	8-Hydroxyquinoline
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##### Thiocarbamates

PS-19	2-Chloroallyl diethylthiocarbamate
PS-20	Ferbam
PS-21	Ziram
PS-22	Maneb
PS-23	Zineb®
PS-24	Tetramethylthiuram disulfide
PS-220	Nabam
PS-221	Metham sodium
PS-222	Benomyl

##### Thioimides

PS-25	Captan
PS-26	Folpet

##### Miscellaneous

PS-27	Dinocap
PS-250	Dodine
PS-255	Chloroneb
PS-260	Captafol
PS-261	Glyodin
PS-262	Dexon®

PS-264	Terrazole®
PS-272	Hexachloroacetone
PS-273	Bromoacetyl bromide
PS-274	Picloram
PS-280	Cadmium succinate
PS-281	Sodium methyl arsenate
PS-290	Lead arsenate
PS-291	Ammonium fluosilicate
PS-292	Copper oxychloride
PS-293	Dicloran
PS-294	Carboxin
PS-295	Oxycarboxin
PS-1013	Triadimefon
PS-1020	Chlorothalonil
PS-1021	Phentioacetate
PS-1031	Fentin hydroxide
PS-1035	Hexachlorophene
PS-1052	Iprodione
PS-1057	Thiabendazole®
PS-1064	Baytan®
PS-1067	Cymoxanil
PS-1075	Tilt®
PS-1077	Carbendazim
PS-1083	Beam®

#### Catalog #: PSK-42

Neat compounds of each of the above - (42 component kit, randomly selected)

## Chem Service Pesticide Kits

### Common Pesticides Kit PSK-101

DESCRIPTION - This kit contains a selection of 101 standards of the most common pesticides in use today. Sizes range from 10mg to 1g.

PS-1	1,2-Dibromo-3-chloropropane	PS-90	Diazinon	PS-402	Procyazine
PS-7	Pentachlorophenol	PS-94	Methyl parathion	PS-419	Nitrapyrin
PS-11	Chloranil	PS-95	Parathion®	PS-426	Bromoxynil
PS-12	Dichlone	PS-96	Allethrin (0.1mg/ml in Methylene chloride)	PS-503	Butylate
PS-20	Ferbam	PS-97	Pyrethrum	PS-506	Tri-allate
PS-21	Ziram	PS-99	Rotenone	PS-543	Methiocarb
PS-22	Maneb	PS-100	Piperonyl butoxide	PS-551	Baygon®
PS-23	Zineb®	PS-104	Warfarin	PS-603	Crotoxyphos
PS-25	Captan	PS-105	Sodium fluoroacetate	PS-605	Dibrom
PS-30	Methyl-1-naphthalene acetate	PS-152	1,3-Dichloropropene	PS-607	Ruelene®
PS-41	2,4-D	PS-154	1,2-Dibromoethane	PS-608	Dylox®
PS-42	2,4-D butyl ester	PS-155	Bromomethane	PS-611	Tetrachlorvinphos
PS-43	2,4-D isopropyl ester	PS-221	Metham sodium	PS-641	Oxydemeton-methyl
PS-45	2,4,5-T®	PS-222	Benomyl	PS-643	Pirimiphos-ethyl
PS-46	2,4,5-T isopropyl ester	PS-261	Glyodin	PS-644	Pirimiphos-methyl
PS-47	Silvex	PS-274	Picloram	PS-652	Disulfoton
PS-49	Gibberellic acid	PS-301	2,4-D sec-butyl ester	PS-654	Phorate
PS-54	S-Ethyl dipropylthiocarbamate	PS-313	Sesone®	PS-655	Fenthion
PS-58	Simazine	PS-326	Ethyl-3-amino-2,5-dichloro benzoate	PS-659	Dimethoate
PS-59	Monuron	PS-339	(2,4,5-Trichlorophenoxy)acetic acid methyl ester	PS-662	Demeton S
PS-60	Diuron	PS-342	Silvex methyl ester	PS-664	Dyfonate®
PS-61	1,1-Dimethyl-3-phenylurea	PS-349	Propyzamide	PS-665	Abate®
PS-65	Maleic hydrazide	PS-350	Diphenamid	PS-666	Guthion®
PS-69	Aldrin®	PS-355	Propachlor	PS-674	Chlorpyrifos
PS-70	BHC (mixed isomers)	PS-356	3',4'-Dichloropropionanilide	PS-680	Terbufos
PS-71	Lindane	PS-357	Alachlor	PS-734	Aldicarb
PS-74	DDT	PS-366	Paraquat CL tetrahydrate	PS-738	Acephate
PS-75	Chlordane	PS-372	Linuron	PS-739	Bendiocarb
PS-76	Dieldrin	PS-375	Terbacil	PS-754	Carbofuran
PS-77	Endrin	PS-377	Neburon	PS-757	Pirimicarb
PS-78	Heptachlor	PS-380	Atrazine	PS-902	N,N-Diethyl-m-toluamide
PS-79	Toxaphene®	PS-382	Aminotriazole	PS-1000	Resmethrin
PS-81	Endosulfan	PS-384	Prometryne	PS-1016	Acifluorfen
PS-83	Methoxychlor	PS-399	Profluralin®	PS-1020	Chlorothalonil
PS-85	Nicotine			PS-1035	Hexachlorophene
PS-86	Malathion			PS-1078	Metsulfuron methyl
PS-89	Dichlorvos				

#### Catalog #: PSK-101

Neat compounds of each of the above - (101 component kit, randomly selected)

### Complete Pesticide Kit PSK-350

DESCRIPTION - This kit contains a selection of 350 standards of the pesticides in use today as well as many of those that have been banned or discontinued. When placing an order for this kit, if you have special requirements for what is to be included in your selection, please specify at the time of order. Sizes range from 10mg to 1g.

#### Catalog #: PSK-350

Neat compounds of each of the above - (350 component kit, randomly selected)

## Chem Service Pesticide Kits

### Herbicides and Plant Growth Regulators Kit PSK-105

DESCRIPTION - This kit contains a selection of 105 standards of the most common and some unusual herbicides and plant growth regulators in use today. Sizes range from 10mg to 1g.

<b>Aromatic Acids and Derivatives</b>	PS-428	Sodium arsenate	PS-65	Maleic hydrazide	
PS-29	1-Naphthaleneacetic acid	PS-429	Monosodium acid methane arsonate	PS-389	Benfluralin
PS-30	Methyl-1-naphthalene acetate			PS-390	N-[(2,4-Dichlorophenoxy)acetyl]-DL-methionine
PS-50	N-m-Tolylphthalamic acid			PS-391	Daminozide
PS-335	Ethyl-1-naphthalene acetate	<b>Acetamides and Anilides</b>		PS-392	2,6-Dichlorobenzonitrile
PS-343	N-1-Naphthylphthalamic acid	PS-28	1-Naphthaleneacetamide	PS-393	Trifluralin
		PS-348	Butachlor	PS-394	Nitrofen
<b>Halogenated Acids and Derivatives</b>		PS-349	Propyzamide	PS-426	Bromoxynil
PS-31	Chloroacetic acid	PS-351	N,N-Diallyl-2-chloroacetamide	PS-427	Diphenylamine
PS-32	Dalapon	PS-352	N-Methyl-N-1-naphthyl acetamide	PS-430	Pyrazon
PS-33	Chlorthal	PS-354	N-1-Naphthylacetamide	PS-431	Fluorodifen
PS-34	Trichloroacetic acid	PS-355	Propachlor	PS-432	Ethoxyquin
PS-308	Fenac	PS-356	3',4'-Dichloropropionanilide	PS-434	Bromoxynil octanoic acid ester
PS-310	p-Chloromandelic acid	PS-357	Alachlor	PS-1006	Diethyl ethyl
PS-314	3-Amino-2,5-dichlorobenzoic acid	PS-358	Nitralin	PS-1011	Bentazon
PS-1016	Acifluorfen	PS-1009	Asulam	PS-1017	Benthiocarb
PS-346	Dicamba			PS-1033	Oxyfluorfen
		<b>Quaternary Ammonium and Related Compounds</b>		PS-1044	Norflurazon <sup>®</sup>
<b>Phenoxy Acids and Derivatives</b>		PS-360	Allyl trimethylammonium bromide	PS-1050	Oxadiazon
PS-35	2-Naphthoxyacetic acid	PS-361	(2-Bromoethyl)trimethyl ammonium-bromide	PS-1065	Chlorsulfuron
PS-36	Phenoxyacetic acid			PS-1070	Sonar <sup>®</sup>
PS-37	2-Phenoxypropionic acid	PS-363	Chlormequat chloride	PS-1074	Sulfometuron methyl
PS-38	o-Chlorophenoxy acetic acid	PS-365	Diquat Dibromide monohydrate	PS-1078	Metsulfuron methyl
PS-39	p-Chlorophenoxy acetic acid	PS-366	Paraquat CL tetrahydrate	PS-1081	Chlorimuron ethyl
PS-40	4-Chloro-o-tolylxyacetic acid			PS-1082	Benzsulfuron methyl
PS-41	2,4-D	<b>Urea Derivatives and Uracils</b>			
PS-42	2,4-D butyl ester	PS-59	Monuron	<b>Carbamates and Thiocarbamates</b>	
PS-43	2,4-D isopropyl ester	PS-60	Diuron	PS-52	Chlorpropham
PS-44	Dichlorprop	PS-61	1,1-Dimethyl-3-phenylurea	PS-53	Propham
PS-45	2,4,5-T <sup>®</sup>	PS-62	Bromacil	PS-54	S-Ethyl dipropylthiocarbamate
PS-46	2,4,5-T isopropyl ester	PS-68	Chlorbromuron	PS-55	S-Propyl butylethylthiocarbamate
PS-47	Silvex	PS-369	Fluometuron	PS-501	Molinate
PS-306	2,4-DB	PS-371	Monuron TCA	PS-502	Cycloate
PS-1036	Diclofop methyl	PS-372	Linuron	PS-503	Butylate
PS-309	2,4,5-T butoxyethyl ester	PS-373	Siduron	PS-504	Vernolate
PS-312	p-Bromophenoxy acetic acid	PS-374	Metobromuron <sup>®</sup>	PS-506	Tri-allate
PS-313	Sesone <sup>®</sup>	PS-375	Terbacil	PS-507	Di-allate
PS-315	2,4-D butoxyethyl ester	PS-376	Chloroxuron	PS-550	Terbutol
PS-316	2,4-DB dimethylamine salt	PS-377	Neburon	PS-551	Baygon <sup>®</sup>
PS-319	2,4-D isooctyl ester			PS-1015	Desmedipham
<b>Indole Acids</b>		<b>Triazines and Related Compounds</b>			
PS-48	3-Indolebutyric acid	PS-58	Simazine	<b>Nitrophenols</b>	
PS-320	3-Indoleacetic acid	PS-380	Atrazine	PS-56	Dinoseb
PS-321	3-Indolepropionic acid	PS-382	Aminotriazole	PS-57	4,6-Dinitro-o-cresol
		PS-383	Ametryne	PS-433	4,6-Dinitro-2-sec-butylphenol ethanolamine salt
<b>Miscellaneous Acids</b>		PS-384	Prometryne		
PS-49	Gibberellic acid	PS-385	Propazine	<b>Sulfur Compounds</b>	
PS-340	N,N-Dimethylsuccinamic acid	PS-386	Prometon	PS-66	Diethyl dithiobis(thionoformate)
PS-341	2-Furanacrylic acid	PS-387	Bladex		
PS-344	Ammonium sulfamate	PS-388	Anilazine	<b>Phosphorus Compounds</b>	
PS-345	Endothal			PS-67	Phosphan
<b>Arsenicals</b>		<b>Miscellaneous Nitrogen Compounds</b>		PS-68	Tributylphosphoro-trithioite
PS-51	Dimethylarsinic acid	PS-63	Chloranocryl	PS-325	(2-Chloroethyl)phosphonic acid
		PS-64	Diphenylacetone nitrile	PS-1051	Glyphosate

#### Catalog #: PSK-105

Neat compounds of each of the above - (105 component kit, randomly selected)

## Reference Literature/MSDS Software/Purchasing Information

### Reference Literature

The **Farm Chemicals Handbook** published annually by the Farm Chemicals Magazine. Contains a pesticide directory and comprehensive list of farm chemical manufactures and suppliers.

**The Pesticide Manual - A World Compendium**, published by the British Crop Protection Council; edited by Charles R. Worthing. Over 750 compounds, each described on a separate page, listing: nomenclature and development; manufacturing and properties; uses, toxicology, formulation and methods of analyses.

**The Merck Index: The Most Recent Edition**, the basic reference tool for all analytical libraries.

*Please call (800) 452-9994, for current pricing and availability.*

### MSDS Software

Our MSDS CDs are acceptable by OSHA. The program gives you the option of printing one or all of the MSDS on the CD, and will print to either the screen or a printer (both dot matrix and laser). Demo disks are available upon request. Updates to the CD will be made available periodically for a nominal fee.

#### Pesticides, Metabolites and Environmental Chemicals

Cat # DSK-201

### Purchasing Information

**Extended Business Hours** - Chem Service's business hours are 8:00 a.m. to 6:00 p.m. Monday - Friday for ordering and support of all Chem Service products.

**Rush Hours** - Place any rush order by 4:00 p.m. EST and have guaranteed same day shipment of any in-stock Chem Service product. With our extensive 13,000 plus inventory of reference materials, Chem Service has the products you need when you need them.

**Purity Minimums** - Chem Service's policy is to provide all neat Standards Grade materials that meet the 98% purity minimum. There will be a few exceptions for a small number of compounds where the chemical stability or the nature of the compound makes this purity unobtainable or impractical, due to chemical stability, isomer separation, purification, synthesis, cost or other factors, but nearly all Standards Grade materials will ship as 98% or higher purity.

**Certified Neat Products and Certified Custom Solutions** - Our certified in-house neat chemicals are the basis of our quality custom solutions. We can customize a product to meet your specification, certification, budget and delivery requirements. Use our Custom Solution & Mixture Request form on page 144 or call for a quotation at (+) 1-610-692-3026.

**Prices** - Are Subject to Change Without Notice.

## Product Documentation/Replacement Policy

### Product Documentation

**MATERIAL SAFETY DATA SHEETS (MSDS)** - Federal Regulation (OSHA) 29 CFR 1910.1200 and other applicable state laws require us to furnish a Material Safety Data Sheet with the initial delivery of each hazardous chemical. Where hazards are known, appropriate warnings are noted on the label. (Always READ your Material Safety Data Sheet before handling chemicals.)

**Warning** - Read your Material Safety Data Sheet before handling or using any chemicals.

MSDS are shipped in the box with the chemicals, in accordance with OSHA's requirements.

For additional copies, replacement copies, updated versions or MSDS in advance of an order, Chem Service will supply up to ten (10) total MSDS at no charge. Further requests or quantities greater than ten will incur a labor and processing charge based on the size of the request and the time required to process the MSDS.

A quotation can be supplied - Please address your requests to the "MSDS Department".

All our MSDS are available on CD-ROM. See Page 137 for our Pesticide CD-ROM, or our General Catalog.

**CERTIFICATE OF ANALYSIS (COA)** - With the purchase of any Chem Service "Standards Grade" environmental, pesticide, organic chemicals, solutions or mixtures, a COA will be provided free of charge, where available. COAs are available for kits, but need to be requested at the time of order. Please note that "Standards Grade" products assigned a purity of tech, will not receive a COA. Also, metabolites supplied at 10ng/ul may not have a COA supplied.

### Replacement Policy

*"If it's on the label, we guarantee it."*

Prior to the expiration date shown on the label and exclusive of any customer contamination, we will replace any products showing purity degradation. You must advise our Customer Service Department immediately to receive approval and instruction on either disposal or return of the product.

Contact us at:

#### **Chem Service, Inc.**

660 Tower Lane  
PO Box 599  
West Chester, PA 19381-0599

#### **INTERNET and E-MAIL**

Web Site: <http://www.chemservice.com>

General: [info@chemservice.com](mailto:info@chemservice.com)  
Marketing: [marketing@chemservice.com](mailto:marketing@chemservice.com)  
Orders, Pricing and Availability: [quote@chemservice.com](mailto:quote@chemservice.com)  
Technical Inquiries: [tech@chemservice.com](mailto:tech@chemservice.com)

#### **ORDERS**

Phone: 1-610-692-3026 or 1-800-452-9994  
Fax: 1-610-692-8729

#### **TECHNICAL INQUIRIES & CUSTOMER SERVICE**

Phone: 1-610-692-3026 or 1-800-452-9994  
Fax: 1-610-692-8729

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Return Policy/Grade Information/Safety Precautions

### Return Policy

Goods may not be returned for credit except with Seller's written permission and then only in strict compliance with Seller's return shipment instructions, since most of Seller's products are classified as Hazardous Materials (HazMats) by the U.S. D.O.T. or Dangerous Goods under the applicable international conventions (ICAO/IATA or IMDG). It is imperative that the Buyer not return anything without specific instructions from Seller to prevent Buyer's violation of applicable laws and regulations. Buyer will at times handle and dispose of goods in accordance with Seller's instructions, the current Material Safety Data Sheet, and all applicable law and government regulations.

Buyer has 15 days to notify Seller of any damage or shortage, and 30 days to notify Seller of item ordered incorrectly. If a return is necessary, a return authorization number (RO#) must be given by the Customer Service Manager, and the item(s) must be returned within 10 days after issuance of the RO#.

Unauthorized returns may result in an assessment of a charge to the Buyer equal to Chem Service's actual expense in handling the unauthorized return. In addition, Buyer may incur regulatory or legal sanctions for illegal shipments and will be held liable by Chem Service for any expenses, including legal fees, fines, or other penalties incurred by Chem Service as a result of Buyer's unauthorized shipment.

The restocking fee is 15% or a \$10.00 minimum and is decided upon by the Seller.

### Grade Information

**"STANDARDS GRADE" (S.G.)** - Material has been analyzed and assigned a certified purity and valid expiration date. The analysis is traceable by lot number. Minimum purity requirement is 98% for neat materials, except in a few cases where it is not physically or economically possible (a few of these items may be assigned a purity of "Tech" or "Mix of Isomers" due to the nature of the compound - not to be confused with "Technical Grade"). This item is acceptable as a standard by various government agencies.

Products furnished by Chem Service, Inc. are **FOR LABORATORY USE ONLY!** Our products may **NOT BE USED** as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

**Warning** - Read your Material Safety Data Sheet before handling or using any chemicals.

### Safety Precautions

Every chemical, especially every chemical used in a pesticide, must be considered highly poisonous unless known to be inert. Observe the following precautions:

1. Always read and understand the Material Safety Data Sheet (MSDS) for each chemical.
2. Avoid skin contact with pesticides, whether in solvent or undiluted.
3. Avoid breathing vapors. These chemicals should be used in a properly functioning fume hood. Keep containers closed except when in actual use.
4. The LD50 values (mg/kg of the pesticide that results in a fatality of 50% of rats by oral administration) are given in the numerical section of the catalog and in the MSDS. Chemicals with a value less than 50mg/kg are considered especially poisonous and special precautions should be observed. These values are the result of literature searches and are not independently verified by Chem Service. All chemicals should be regarded as poisonous.

If evidence of leakage or spillage of any pesticide is present when the pesticide is unpacked, transfer the package to a restricted area where it may be stored safely. Except for arranging safe storage, **DO NOT FURTHER HANDLE** the package or packaging materials. Thoroughly wash hands or skin that may have been in contact with the materials. Use rubber or plastic gloves in handling. Also, advise the shipper immediately and request further instructions from Chem Service. **DO NOT**, however, ship or RETURN any material without written authorization from Chem Service.



## Terms and Conditions of Sale

NOTICE: THIS LANGUAGE FORMS YOUR CONTRACT WITH CHEM SERVICE, INC.

- ACCEPTANCE GOVERNING PROVISIONS** - Buyer places any order subject to the terms and conditions herein contained, whether additional to or different from those contained in Buyer's purchase order or any other form or document heretofore or hereafter supplied by Buyer to Seller. Seller's failure to object to provisions contained in any purchase order or any other form or document from Buyer shall not be construed as a waiver of these terms and conditions and not an acceptance of any such provision. If Buyer places an order from Seller's catalogue or catalogue supplement, Buyer is deemed to have assented to these terms. If Buyer places an order without reference to the catalogue, Buyer is deemed to have assented to these terms within ten (10) days of receipt of Seller's invoice or delivery of all or any part of the order, whichever is first, unless Seller receives written notice of any objection within 10 days after Buyer's receipt of this form. This contract and the terms and conditions shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania.
- CHANGES, CANCELLATION** - No change by Buyer of any term or condition of this contract or any of Seller's rights or remedies hereunder shall be binding on Seller, nor shall the order thereby acknowledged be cancelled or changed by Buyer, unless Seller shall expressly consent thereto in writing by Seller's authorized officer. There are no representations, agreements, promises or understandings between Buyer and Seller that are not expressed herein.
- DELIVERY, CLAIMS, DELAYS, RETURNS** - Unless specified differently in writing, all sales are F.O.B. Seller's shipping point. Delivery of goods to the carrier at Seller's plant or other loading point shall constitute delivery to Buyer and, regardless of shipping terms, all risk of loss or damage in transit shall be borne by Buyer. Seller reserves the right to make delivery in installments, all such installments to be separately invoiced and paid for when due per invoice, without regard to subsequent deliveries. Delay in delivery of any installment shall not relieve Buyer of its obligation to accept remaining deliveries.  
  
Immediately upon Buyer's receipt of any goods shipped hereunder, Buyer shall inspect the same and shall notify Seller, in writing, of any claims for shortages, defects or damages and shall hold the goods for Seller's written instructions concerning disposition. If Buyer shall fail to so notify Seller, within five days after the goods have been received by Buyer, such goods shall conclusively be deemed to conform to the terms and conditions thereof.  
  
Seller shall not be liable for any loss, damage or penalty as a result of any delay in or failure to manufacture, deliver or otherwise perform hereunder due to any cause beyond Seller's reasonable control, including, without limitation, unsuccessful reactions, act of Buyer, embargo or other governmental act, regulation or request, including but not limited to reinterpretation of any regulation, or change in enforcement or policy, affecting the conduct of Seller's business, fire, explosion, accident, theft, vandalism, riot, acts of war, strikes or other labor difficulties, lightning, flood, windstorm or other act of God, delay in transportation or inability to obtain necessary labor, fuel, materials, supplies or power at current prices.
- ALLOCATION OF GOODS** - If Seller is unable for any reason to supply the total demands for goods specified in Buyer's order, Seller may allocate its available supply among any or all buyers on such basis as Seller may deem fair and practical, without liability for any failure of performance which may result therefrom.
- PAYMENT** - Terms of sale are net 30 days of date of invoice, unless otherwise stated. Materials will be billed at the price in effect at the time shipment is made. If the financial condition of Buyer does not justify the terms of payment specified, Seller may demand full or partial payment in advance before proceeding with the contract. If Buyer defaults in any payment when due, under this or any other order, Seller at its option without prejudice to its other lawful remedies, may defer delivery or cancel this contract.
- TAXES AND OTHER CHARGES** - Any use tax, sales tax, excise tax, duty, custom, inspection or testing fee, or any other tax, fee or charge of any nature whatsoever imposed by any governmental authority, on or measured by the transaction between Seller and Buyer shall be paid by Buyer in addition to price quoted or invoiced. In the event Seller is required to pay any such tax, fee or charge, Buyer shall reimburse Seller therefor or, in lieu of such payment, Buyer shall provide Seller at the time the order is submitted an exemption certificate or other document acceptable to the authority imposing the tax, fee or charge.
- WARRANTIES** - Unless specified differently in writing, Seller warrants that its products shall conform to the description of such products as provided in the Seller's catalog. THIS WARRANTY IS EXCLUSIVE, AND SELLER MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURCHASE. Seller's warranties made in connection with this sale shall not be effective if Seller has determined in its sole discretion, that Buyer has misused the products in any manner or has failed to use the products in accordance with instructions, if any, furnished by the Seller and/or in accordance with any material safety data sheet.  
  
Seller's sole and exclusive liability and Buyer's exclusive remedy with respect to products proved to Seller's satisfaction to be defective or nonconforming shall be the replacement of such product without charge or refund of the purchase price, at Seller's sole discretion, upon the disposition of such products in accordance with Seller's instructions. SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR CONTINGENT DAMAGES.
- COMPLIANCE WITH LAWS, REGULATIONS** - Seller certifies that to the best of its knowledge its products are produced in compliance with applicable requirements of the Fair Labor Standards Act, as amended, and the Occupational Safety and Health Standards Act of 1970 and regulations, rules and orders issued pursuant thereto. Seller also certifies to the best of its knowledge, it is in compliance with Executive Order 11246 and its regulations, rules and orders issued pursuant thereto, that it does not discriminate against any employee or prospective employee because of race, creed, color, national origin, sex, age or handicap, nor permit discrimination in any form nor maintain segregated facilities for its employees; that it actively pursues employment of minorities, females, handicapped, disabled veterans and veterans of the Vietnam era; and that it uses its best efforts to award contracts to and place purchase orders with minority business enterprises and with labor surplus area concerns and small business concerns.

**WARNING - READ YOUR MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR USING ANY CHEMICALS**

## Terms and Conditions of Sale

9. **BUYER'S USE OF PRODUCTS** - Seller's products are intended only for laboratory use and, unless otherwise indicated on Seller's invoice, other writings, or on product labels, are not to be used for other purposes, including but not limited to as, or a component in a food, drug, medical device (including in vitro diagnostic reagents) or cosmetics as defined in the Federal Food, Drug and Cosmetic Act, as amended, nor as a pesticide unless otherwise stated by Seller in writing furnished to Buyer. Buyer expressly represents and warrants to Seller that Buyer will properly test, use, manufacture and market any products purchased from Seller and any final articles made from them in accordance with the practices of a reasonable person who is an expert in the field and in strict compliance with all applicable federal and state food, drug, device and cosmetic and other relevant laws and regulations, now and hereinafter enacted. Buyer further warrants to Seller that any final articles manufactured from Seller's products shall not be adulterated or misbranded within the meaning of the Federal Food, Drug, and Cosmetic Act and shall not be articles which may not be introduced into interstate commerce. Buyer agrees to comply with instructions, if any, furnished by Seller relating to the use of the products and not misuse the products in any manner.

Buyer acknowledges (1) that Seller's products are small quantities solely for purposes of scientific experimentation, or analysis, or chemical research and intended only for laboratory use by technically qualified individuals, (2) that the products will be used only for such purposes, and by such qualified individuals and, (3) that some of Seller's products may not be on the Inventory of Existing Chemical Substances defined pursuant to the Toxic Substances Control Act (TSCA). Seller assumes no responsibility to assure that products purchased hereunder may be used in a commercial application under the provisions of TSCA and regulations promulgated under TSCA. Seller will provide a Material Safety Data Sheet (MSDS) to Buyer which will inform persons using the product of the health risks which Seller has reason to believe may be associated with the product. Buyer agrees that it will inform its employees (1) that some of Seller's products may not be on the Inventory of Existing Chemical Substances defined pursuant to the Toxic Substances Control Act (TSCA) and that (2) a current MSDS is available to any and all employees or other personnel working, handling and/or in contact with or proximity to Seller's products for which an MSDS is required. Buyer agrees that it will comply with all provisions of 29 C.F.R. Part 1910. If the products purchased from Seller are to be repackaged, relabeled, or used as starting material or components of other products, Buyer will verify Seller's assay of the product and accept its obligations to conform to the requirements of TSCA.

Buyer agrees that it has the responsibility to verify the hazards and to conduct any further research necessary to learn the hazards involved in using products purchased from Seller. Buyer also has the duty to warn Buyer's employees, customers and any auxiliary personnel (such as freight handlers, etc.) of any risks involved in using or handling the products.

10. **INDEMNIFICATION** - Buyer agrees to indemnify and hold Seller harmless from and against any and all losses, damages and expenses, (including attorney's fees and other costs of defending any action) that Seller may sustain or incur as a result of any claim for damages for personal injury, death, damage to property or other injury by reason of any claim of negligence, breach of express or implied warranty, strict liability in tort or other theory of law made by Buyer, its officers, agents or employees, its successors and assigns, and its customers, whether direct or indirect, in connection with the use of Seller's products, or by reason of Buyer's failure to perform the obligations herein contained. This obligation of indemnification shall exist notwithstanding any ordinary negligence or fault by the Seller.

In the event of any claim against Seller by an employee of Buyer or an employee of a subcontractor of Buyer or other person who might or would benefit from an immunity from making indemnity, contained in any state or federal workers' compensation law or similar law, the Buyer specifically waives the immunity and agrees to indemnify Seller and hold Seller harmless from any claim for any type of injury or damages.

Buyer shall notify Seller within 15 days of Buyer's receipt of knowledge of any claim involving Seller's products resulting in personal injury, death, or damage to property and Buyer shall fully cooperate with Seller in the investigation and determination of the cause of such accident and shall make available to Seller all statements, reports and tests made by Buyer or made available to Buyer by others. The furnishing of such information to Seller and any investigation by Seller shall not constitute an assumption of any liability by Seller.

11. **PATENT DISCLAIMER** - Seller does not warrant that the use or sale of the products delivered hereunder will not infringe the claims of any United States or other patents covering the product itself or the use thereof in combination with other products or in the operation of any process.
12. **RETURNS AND DISPOSAL** - Goods may not be returned for credit except with Seller's written permission and then only in strict compliance with Seller's return shipment instructions. Buyer agrees that it will, at all times, handle and dispose of goods in accordance with Seller's instructions, the current Material Safety Data Sheet, and all applicable law and government regulations.
13. **TECHNICAL ASSISTANCE** - At Buyer's request, Seller may furnish technical assistance and information with respect to Seller's products. Unless otherwise agreed, all such technical assistance and information will be provided gratis, and Buyer assumes sole responsibility for results obtained in reliance thereon. SELLER MAKES NO WARRANTIES OF ANY KIND OR NATURE WITH RESPECT TO TECHNICAL ASSISTANCE OR INFORMATION PROVIDED BY IT. ANY SUGGESTIONS BY SELLER REGARDING USE, APPLICATION OR SUITABILITY OF THE PRODUCTS SHALL NOT BE CONSTRUED A WARRANTY UNLESS EXPRESSLY DESIGNATED AS SUCH, IN WRITING, SIGNED BY SELLER.
14. **RUSH ORDERS (SAME DAY SHIPMENT)** - Seller will accept rush orders for any in-stock items until 4pm EST, for next day delivery by Federal Express or UPS. This service is provided without additional charge to all customers, but Buyer will be responsible for any additional charge for shipping made by the carrier. Seller will use reasonable efforts to ship by next day service but Seller assumes no liability for failure to deliver a rush order the next day.

For new pesticides and custom mixtures contact us at +1-610-692-3026 or [www.chemservice.com](http://www.chemservice.com)

