

**SARA Title III
EXTREMELY HAZARDOUS SUBSTANCES**

CAS	EHS NAME	TPQ*	CAS	EHS NAME	TPQ*
108054	Acetic acid ethenyl ester	1,000	28772567	Bromadiolone	100/10,000
75865	Acetone cyanohydrin	1,000	7726956	Bromomethane	500
1752303	Acetone thiosemicarbazide	1,000/10,000	74839	Bromomethane	1,000
107028	Acrolein	500	4170303	2-Butenal	1,000
79061	Acrylamide	1,000/10,000	123739	2-Butenal, (e)-	1,000
107131	Acrylonitrile	10,000	1306190	Cadmium oxide	100/10,000
814686	Acrylyl chloride	100	2223930	Cadmium stearate	1,000/10,000
111693	Adiponitrile	1,000	7778441	Calcium arsenate	500/10,000
116063	Aldicarb	100/10,000	8001352	Camphechlor	500/10,000
309002	Aldrin	500/10,000	8001352	Camphene, octachloro-	500/10,000
107186	Allyl alcohol	1,000	56257	Cantharidin	100/10,000
107119	Allylamine	500	51832	Carbachol chloride	500/10,000
20859738	Aluminum phosphide	500	26419738	Carbamic acid, methyl-, O-((2,4-dimethyl-1,3-dithiolan-2-yl)methylene)amino)-	100/10,000
2763964	5-(Aminomethyl)-3-isoxazolol	500/10,000	1563662	Carbofuran	10/10,000
54626	Aminopterin	500/10,000	75150	Carbon disulfide	10,000
504245	4-Aminopyridine	500/10,000	75445	Carbonic dichloride	10
78535	Amiton	500	79221	Carbonochloridic acid, methylester	500
3734972	Amiton oxalate	100/10,000	108236	Carbonochloridic acid, 1-methylethyl ester	1,000
7664417	Ammonia	500	109615	Carbonochloridic acid, propylester	500
300629	Amphetamine	1,000	786196	Carbophenothion	500
62533	Aniline	1,000	57749	Chlordane	1,000
88051	Aniline, 2,4,6-trimethyl-	500	470906	Chlorfenvinfos	500
7783702	Antimony pentafluoride	500	7782505	Chlorine	100
1397940	Antimycin A	1,000/10,000	24934916	Chlormephos	500
86884	ANTU	500/10,000	999815	Chlormequat chloride	100/10,000
1303282	Arsenic pentoxide	100/10,000	79118	Chloroacetic acid	100/10,000
1327533	Arsenic trioxide	100/10,000	51752	2-Chloro-N-(2-chloroethyl)-N-methylethanamine	10
1327533	Arsenous oxide	100/10,000	107073	Chloroethanol	500
7784341	Arsenous trichloride	500	627112	Chloroethyl chloroformate	1,000
7784421	Arsine	100	67663	Chloroform	10,000
2642719	Azinphos-ethyl	100/10,000	542881	Chloromethyl ether	100
86500	Azinphos-methyl	10/10,000	107302	Chloromethyl methyl ether	100
151564	Aziridine	500	3691358	Chlorophacinone	100/10,000
75558	Aziridine, 2-methyl	10,000	542767	3-Chloropropionitrile	1,000
98873	Benzal chloride	500	1982474	Chloroxuron	500/10,000
98168	Benzenamine, 3-(trifluoromethyl)-	500	21923239	Chlorthiophos	500
98055	Benzeneearsonic acid	10/10,000	10025737	Chromic chloride	1/10,000
100141	Benzene, 1-(chloromethyl)-4-nitro-	500/10,000	10210681	Cobalt carbonyl	10/10,000
584849	Benzene, 2,4-diisocyanato-1-methyl-	500	62207765	Cobalt, ((2,2'-(1,2-ethanediylobis(nitrilomethylidene))bis(6-fluorophenylato))(2)-N,N',O,O')-	100/10,000
91087	Benzene, 1,3-diisocyanato-2-methyl-	100	64868	Colchicine	10/10,000
108985	Benzenethiol	500	56724	Coumaphos	100/10,000
3615212	Benzimidazole, 4,5-dichloro-2-(trifluoromethyl)-	500/10,000	5836293	Coumatetralyl	500/10,000
98077	Benzoic trichloride	100	95487	o-Cresol	1,000/10,000
98077	Benzotrichloride	100	535897	Crimidine	100/10,000
100447	Benzyl chloride	500	4170303	Crotonaldehyde	1,000
140294	Benzyl cyanide	500	123739	Crotonaldehyde, (E)-	1,000
15271417	Bicyclo[2.2.1]heptane-2-carbonitrile, 5-chloro-6-(((methylamino)carbonyl)oxy)imino)-(1-alpha,2-beta,4-alpha,5-alpha,6E))-	500/10,000	12002038	Cupric acetoarsenite	500/10,000
1464535	2,2'-Bioxirane	500	506683	Cyanogen bromide	500/10,000
111444	Bis(2-chloroethyl) ether	10,000	506785	Cyanogen iodide	1,000/10,000
542881	Bis(chloromethyl) ether	100	2636262	Cyanophos	1,000
534076	Bis(chloromethyl) ketone	10/10,000	675149	Cyanuric fluoride	100
4044659	Bitoscanate	500/10,000	108918	Cyclohexanamine	10,000
10294345	Borane, trichloro-	500	58899	Cyclohexane, 1,2,3,4,5,6-hexachloro-(1.alpha.,2.alpha.,3.beta.,4.alpha.,5.alpha.,6.beta.)-	1,000/10,000
7637072	Borane, trifluoro-	500	66819	Cycloheximide	100/10,000
10294345	Boron trichloride	500	108918	Cyclohexylamine	10,000
7637072	Boron trifluoride	500	17702419	Decaborane(14)	500/10,000
353424	Boron trifluoride compound with methyl ether (1:1)	1,000			
353424	Boron, trifluoro[oxybis[methane]]-, (T-4)-	1,000			

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CAS	EHS NAME	TPQ*	CAS	EHS NAME	TPQ*
8065483	Demeton	500	13194484	Ethoprop	1,000
919868	Demeton-S-methyl	500	13194484	Ethoprophos	1,000
10311849	Dialifor	100/10,000	538078	Ethylbis(2-chloroethyl)amine	500
19287457	Diborane	100	107120	Ethyl cyanide	500
19287457	Diborane(6)	100	107153	Ethylenediamine	10,000
110576	trans-1,4-Dichloro-2-butene	500	371620	Ethylene fluorohydrin	10
110576	trans-1,4-Dichlorobutene	500	151564	Ethyleneimine	500
111444	Dichloroethyl ether	10,000	75218	Ethylene oxide	1,000
542881	Dichloromethyl ether	100	542905	Ethylthiocyanate	10,000
149746	Dichloromethylphenylsilane	1,000	22224926	Fenamiphos	10/10,000
696286	Dichlorophenylarsine	500	115902	Fensulfothion	500
62737	Dichlorvos	1,000	4301502	Fluenetil	100/10,000
141662	Dicrotophos	100	7782414	Fluorine	500
1464535	Diepoxybutane	500	640197	Fluoroacetamide	100/10,000
814493	Diethyl chlorophosphate	500	144490	Fluoroacetic acid	10/10,000
297972	O,O-Diethyl O-pyrazinyl phosphorothioate	500	62748	Fluoroacetic acid, sodium salt	10/10,000
71636	Digitoxin	100/10,000	359068	Fluoroacetyl chloride	10
2238075	Diglycidyl ether	1,000	51218	Fluorouracil	500/10,000
20830755	Digoxin	10/10,000	51218	5-Fluorouracil	500/10,000
55914	Diisopropylfluorophosphate	100	944229	Fonofos	500
115264	Dimefox	500	50000	Formaldehyde	500
309002	1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1.alpha.,4.alpha.,4a.beta.,5.alpha.,8.alpha.,8a.beta.)-	500/10,000	107164	Formaldehyde cyanohydrin	1,000
60515	Dimethoate	500/10,000	23422539	Formetanate hydrochloride	500/10,000
2524030	Dimethyl chlorothiophosphate	500	2540821	Formothion	100
75785	Dimethyldichlorosilane	500	17702577	Formparanate	100/10,000
57147	1,1-Dimethyl hydrazine	1,000	21548323	Fosthietan	500
57147	Dimethylhydrazine	1,000	3878191	Fuberidazole	100/10,000
99989	Dimethyl-p-phenylenediamine	10/10,000	110009	Furan	500
2524030	Dimethyl phosphorochloridothioate	500	13450903	Gallium trichloride	500/10,000
77781	Dimethyl sulfate	500	86500	Guthion	10/10,000
644644	Dimetilan	500/10,000	58899	Hexachlorocyclohexane (gamma isomer)	1,000/10,000
88857	Dinitrobutyl phenol	100/10,000	77474	Hexachlorocyclopentadiene	100
534521	4,6-Dinitro-o-cresol	10/10,000	4835114	Hexamethylenediamine, N,N'-dibutyl-	500
534521	Dinitrocresol	10/10,000	302012	Hydrazine	1,000
88857	Dinoseb	100/10,000	57147	Hydrazine, 1,1-dimethyl-	1,000
1420071	Dinoterb	500/10,000	60344	Hydrazine, methyl-	500
78342	Dioxathion	500	74908	Hydrocyanic acid	100
82666	Diphacinone	10/10,000	7664393	Hydrofluoric acid	100
152169	Diphosphoramidate, octamethyl-	100	7647010	Hydrogen chloride (gas only)	500
298044	Disulfoton	500	74908	Hydrogen cyanide	100
514738	Dithiazanine iodide	500/10,000	7664393	Hydrogen fluoride	100
541537	Dithiobiuret	100/10,000	7722841	Hydrogen peroxide (Conc.> 52%)	1,000
541537	2,4-Dithiobiuret	100/10,000	7783075	Hydrogen selenide	10
316427	Emetine, dihydrochloride	1/10,000	7783064	Hydrogen sulfide	500
115297	Endosulfan	10/10,000	123319	Hydroquinone	500/10,000
2778043	Endothion	500/10,000	13463406	Iron carbonyl (Fe(CO)5), (TB-5-11)-	100
72208	Endrin	500/10,000	13463406	Iron, pentacarbonyl-	100
106898	Epichlorohydrin	1,000	297789	Isobenzan	100/10,000
2104645	EPN	100/10,000	78820	Isobutyronitrile	1,000
50146	Ergocalciferol	1,000/10,000	102363	Isocyanic acid, 3,4-dichlorophenyl ester	500/10,000
379793	Ergotamine tartrate	500/10,000	465736	Isodrin	100/10,000
107153	1,2-Ethanediamine	10,000	55914	Isofluorophate	100
79210	Ethaneperoxoic acid	500	4098719	Isophorone diisocyanate	500
1622328	Ethanesulfonyl chloride, 2-chloro-	500	108236	Isopropyl chloroformate	1,000
505602	Ethane, 1,1'-thiobis[2-chloro-	500	119380	Isopropylmethylpyrazolyl dimethylcarbamate	500
16752775	Ethanimidothioic acid, N-[[methylamino]carbonyl]	500/10,000	556616	Isothiocyanatomethane	500
10140871	Ethanol, 1,2-dichloro-, acetate	1,000	78977	Lactonitrile	1,000
563122	Ethion	1,000	21609905	Leptophos	500/10,000
			541253	Lewisite	10
			58899	Lindane	1,000/10,000
			7580678	Lithium hydride	100
			109773	Malononitrile	500/10,000
			12108133	Manganese, tricarbonyl	100

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CAS	EHS NAME	TPQ*	CAS	EHS NAME	TPQ*
	methylcyclopentadienyl		0	Organorhodium Complex (PMN-82-147)	10/10,000
51752	Mechlorethamine	10	630604	Ouabain	100/10,000
950107	Mephosfolan	500	23135220	Oxamyl	100/10,000
2032657	Mercaptodimethur	500/10,000	78717	Oxetane, 3,3-bis(chloromethyl)-	500
1600277	Mercuric acetate	500/10,000	75218	Oxirane	1,000
7487947	Mercuric chloride	500/10,000	106898	Oxirane, (chloromethyl)-	1,000
21908532	Mercuric oxide	500/10,000	75569	Oxirane, methyl-	10,000
10476956	Methacrolein diacetate	1,000	2497076	Oxydisulfoton	500
760930	Methacrylic anhydride	500	10028156	Ozone	100
126987	Methacrylonitrile	500	1910425	Paraquat dichloride	10/10,000
920467	Methacryloyl chloride	100	2074502	Paraquat methosulfate	10/10,000
30674807	Methacryloyloxyethyl isocyanate	100	56382	Parathion	100
10265926	Methamidophos	100/10,000	298000	Parathion-methyl	100/10,000
62759	Methanamine, N-methyl-N-nitroso-	1,000	12002038	Paris green	500/10,000
107302	Methane, chloromethoxy-	100	19624227	Pentaborane	500
624839	Methane, isocyanato-	500	2570265	Pentadecylamine	100/10,000
542881	Methane, oxybis[chloro-	100	79210	Peracetic acid	500
594423	Methanesulfonyl chloride, trichloro-	500	594423	Perchloromethyl mercaptan	500
558258	Methanesulfonyl fluoride	1,000	108952	Phenol	500/10,000
509148	Methane, tetranitro-	500	64006	Phenol, 3-(1-methylethyl)-, methylcarbamate	500/10,000
74931	Methanethiol	500	4418660	Phenol, 2,2'-thiobis[4-chloro-6-methyl-	100/10,000
67663	Methane, trichloro-	10,000	58366	Phenoxarsine, 10,10'-oxydi-	500/10,000
57749	4,7-Methanoindan, 1,2,3,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	1,000	696286	Phenyl dichloroarsine	500
950378	Methidathion	500/10,000	59881	Phenylhydrazine hydrochloride	1,000/10,000
2032657	Methiocarb	500/10,000	62384	Phenylmercuric acetate	500/10,000
16752775	Methomyl	500/10,000	62384	Phenylmercury acetate	500/10,000
151382	Methoxyethylmercuric acetate	500/10,000	2097190	Phenylsilatrane	100/10,000
74839	Methyl bromide	1,000	103855	Phenylthiourea	100/10,000
80637	Methyl 2-chloroacrylate	500	298022	Phorate	10
79221	Methyl chlorocarbonate	500	4104147	Phosacetim	100/10,000
79221	Methyl chloroformate	500	947024	Phosfolan	100/10,000
60344	Methyl hydrazine	500	75445	Phosgene	10
624839	Methyl isocyanate	500	732116	Phosmet	10/10,000
556616	Methyl isothiocyanate	500	13171216	Phosphamidon	100
75865	2-Methylactonitrile	1,000	7803512	Phosphine	500
74931	Methyl mercaptan	500	2703131	Phosphonothioic acid, methyl-, O-ethyl O-(4-(methylthio)phenyl) ester	500
502396	Methylmercuric dicyanamide	500/10,000	50782699	Phosphonothioic acid, methyl-, S-(2-(bis(1-methylethyl)amino)ethyl) O-ethyl ester	100
298000	Methyl parathion	100/10,000	2665307	Phosphonothioic acid, methyl-, O-(4-nitrophenyl) O-phenyl ester	500
3735237	Methyl phenkapton	500	62737	Phosphoric acid, 2-dichloroethenyl dimethyl ester	1,000
676971	Methyl phosphonic dichloride	100	3254635	Phosphoric acid, dimethyl 4-(methylthio) phenyl ester	500
556649	Methyl thiocyanate	10,000	13194484	Phosphorodithioic acid O-ethyl S,S-dipropyl ester	1,000
75796	Methyltrichlorosilane	500	56382	Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester	100
78944	Methyl vinyl ketone	10	2587908	Phosphorothioic acid, O,O-dimethyl-5-(2-(methylthio)ethyl)ester	500
1129415	Metolcarb	100/10,000	7719122	Phosphorous trichloride	1,000
7786347	Mevinphos	500	7723140	Phosphorus	100
315184	Mexacarbate	500/10,000	10025873	Phosphorus oxychloride	500
50077	Mitomycin C	500/10,000	10026138	Phosphorus pentachloride	500
6923224	Monocrotophos	10/10,000	7719122	Phosphorus trichloride	1,000
2763964	Muscimol	500/10,000	10025873	Phosphoryl chloride	500
505602	Mustard gas	500	57476	Physostigmine	100/10,000
13463393	Nickel carbonyl	1	57647	Physostigmine, salicylate (1:1)	100/10,000
54115	Nicotine	100	124878	Picrotoxin	500/10,000
65305	Nicotine sulfate	100/10,000	110894	Piperidine	1,000
7697372	Nitric acid	1,000	23505411	Pirimifos-ethyl	1,000
10102439	Nitric oxide	100			
98953	Nitrobenzene	10,000			
1122607	Nitrocyclohexane	500			
10102440	Nitrogen dioxide	100			
51752	Nitrogen mustard	10			
10102439	Nitrogen oxide (NO)	100			
62759	N-Nitrosodimethylamine	1,000			
62759	Nitrosodimethylamine	1,000			
991424	Norbormide	100/10,000			

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CAS	EHS NAME	TPQ*
75741	Plumbane, tetramethyl-	100
10124502	Potassium arsenite	500/10,000
151508	Potassium cyanide	100
506616	Potassium silver cyanide	500
2631370	Promecarb	500/10,000
107120	Propanenitrile	500
78820	Propanenitrile, 2-methyl-	1,000
106967	Propargyl bromide	10
107028	2-Propenal	500
107119	2-Propen-1-amine	500
107131	2-Propenenitrile	10,000
126987	2-Propenenitrile, 2-methyl-	500
107186	2-Propen-1-ol	1,000
814686	2-Propenoyl chloride	100
57578	beta-Propiolactone	500
107120	Propionitrile	500
542767	Propionitrile, 3-chloro-	1,000
70699	Propiophenone, 4'-amino	100/10,000
109615	Propyl chloroformate	500
75558	Propyleneimine	10,000
75569	Propylene oxide	10,000
2275185	Prothoate	100/10,000
129000	Pyrene	1,000/10,000
504245	Pyridine, 4-amino-	500/10,000
54115	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-	100
140761	Pyridine, 2-methyl-5-vinyl-	500
1124330	Pyridine, 4-nitro-, 1-oxide	500/10,000
53558251	Pyriminil	100/10,000
14167181	Salcomine	500/10,000
107448	Sarin	10
7783008	Selenious acid	1,000/10,000
7791233	Selenium oxychloride	500
563417	Semicarbazide hydrochloride	1,000/10,000
3037727	Silane, (4-aminobutyl)diethoxymethyl-	1,000
75774	Silane, chlorotrimethyl-	1,000
75785	Silane, dichlorodimethyl-	500
75796	Silane, trichloromethyl-	500
7631892	Sodium arsenate	1,000/10,000
7784465	Sodium arsenite	500/10,000
26628228	Sodium azide (Na(N3))	500
124652	Sodium cacodylate	100/10,000
143339	Sodium cyanide (Na(CN))	100
62748	Sodium fluoroacetate	10/10,000
13410010	Sodium selenate	100/10,000
10102188	Sodium selenite	100/10,000
10102202	Sodium tellurite	500/10,000
900958	Stannane, acetoxypentaphenyl-	500/10,000
57249	Strychnine	100/10,000
60413	Strychnine, sulfate	100/10,000
3689245	Sulfotep	500
3569571	Sulfoxide, 3-chloropropyl octyl	500
7446095	Sulfur dioxide	500
7783600	Sulfur fluoride (SF4), (T-4)-	100
7664939	Sulfuric acid	1,000
7783600	Sulfur tetrafluoride	100
7446119	Sulfur trioxide	100
77816	Tabun	10
7783804	Tellurium hexafluoride	100
107493	TEPP	100
13071799	Terbufos	100
3689245	Tetraethyldithiopyrophosphate	500
78002	Tetraethyl lead	100
107493	Tetraethyl pyrophosphate	100

CAS	EHS NAME	TPQ*
597648	Tetraethyltin	100
75741	Tetramethyllead	100
509148	Tetranitromethane	500
6533739	Thallium(I) carbonate	100/10,000
7791120	Thallium chloride TICl	100/10,000
10031591	Thallium sulfate	100/10,000
7446186	Thallium(I) sulfate	100/10,000
6533739	Thallos carbonate	100/10,000
7791120	Thallos chloride	100/10,000
2757188	Thallos malonate	100/10,000
7446186	Thallos sulfate	100/10,000
2231574	Thiocarbazine	1,000/10,000
556649	Thiocyanic acid, methyl ester	10,000
39196184	Thiofanox	100/10,000
74931	Thiomethanol	500
297972	Thionazin	500
108985	Thiophenol	500
79196	Thiosemicarbazide	100/10,000
5344821	Thiourea, (2-chlorophenyl)-	100/10,000
614788	Thiourea, (2-methylphenyl)-	500/10,000
86884	Thiourea, 1-naphthalenyl-	500/10,000
7550450	Titanium chloride (TiCl4) (T-4)-	100
7550450	Titanium tetrachloride	100
584849	Toluene-2,4-diisocyanate	500
91087	Toluene-2,6-diisocyanate	100
8001352	Toxaphene	500/10,000
1031476	Triamiphos	500/10,000
24017478	Triazofos	500
76028	Trichloroacetyl chloride	500
1558254	Trichloro(chloromethyl)silane	100
27137855	Trichloro(dichlorophenyl)silane	500
115219	Trichloroethylsilane	500
594423	Trichloromethanesulfenyl chloride	500
327980	Trichloronate	500
98135	Trichlorophenylsilane	500
998301	Triethoxysilane	500
75774	Trimethylchlorosilane	1,000
824113	Trimethylolpropane phosphite	100/10,000
1066451	Trimethyltin chloride	500/10,000
639587	Triphenyltin chloride	500/10,000
555771	Tris(2-chloroethyl)amine	100
2001958	Valinomycin	1,000/10,000
1314621	Vanadium pentoxide	100/10,000
108054	Vinyl acetate	1,000
108054	Vinyl acetate monomer	1,000
81812	Warfarin	500/10,000
129066	Warfarin sodium	100/10,000
28347139	Xylylene dichloride	100/10,000
58270089	Zinc, dichloro(4,4-dimethyl- 5(((methylamino)carbonyloxy)imino)p entanenitrile)-, (T-4)-	100/10,000
1314847	Zinc phosphide	500

*TPQ = Threshold Planning Quantity in **pounds**. For some solid chemicals, there are two TPQs (e.g. 500/10,000). The lower TPQ applies to solids in powder form, in solution, or in molten form.