

## CalARP Program Combined<sup>1</sup> List of Chemicals and Threshold Quantities (TQ)

Chemical Name	CAS Number	Table 1 TQs in (lbs)	Table 2 <sup>2</sup> TQs in (lbs)	Table 3 TQs in (lbs)
Acetaldehyde	75-07-0		10,000	
Acetone cyanohydrin <sup>3</sup>	75-86-5			1,000
Acetone thiosemicarbazide	1752-30-3			1,000/10,000 <sup>4</sup>
Acetylene [Ethyne]	74-86-2		10,000	
Acrolein [2-Propenal]	107-02-8	5,000		500
Acrylamide	79-06-1			1,000/10,000 <sup>4</sup>
Acrylonitrile [2-Propenenitrile]	107-13-1	20,000		10,000
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	5,000		100
Aldicarb	116-06-3			100/10,000 <sup>4</sup>
Aldrin	309-00-2			500/10,000 <sup>4</sup>
Allyl alcohol [2-Propen-1-ol]	107-18-6	15,000		1,000
Allylamine [2-Propen-1-amine]	107-11-9	10,000		500
Aluminum phosphide <sup>5</sup>	20859-73-8			500
Aminopterin	54-62-6			500/10,000 <sup>4</sup>
Amiton oxalate	3734-97-2			100/10,000 <sup>4</sup>
Ammonia (conc 1% or greater) <sup>6</sup>	7664-41-7			500
Ammonia (anhydrous) <sup>6</sup>	7664-41-7	10,000		500
Ammonia (conc 20% or greater) <sup>6</sup>	7664-41-7	20,000		
Ammonium hydroxide (ammonia conc 1% or greater) <sup>6</sup>	1336-21-6			500
Ammonium hydroxide (ammonia conc 20% or greater) <sup>6</sup>	1336-21-6	20,000		
Aniline <sup>3</sup>	62-53-3			1,000
Antimycin A	1397-94-0			1,000/10,000 <sup>4</sup>
ANTU	86-88-4			500/10,000 <sup>4</sup>
Arsenic pentoxide	1303-28-2			100/10,000 <sup>4</sup>
Arsenous oxide	1327-53-3			100/10,000 <sup>4</sup>
Arsenous trichloride	7784-34-1	15,000		500
Arsine	7784-42-1	1,000		100
Azinphos-ethyl	2642-71-9			100/10,000 <sup>4</sup>
Azinphos-methyl	86-50-0			10/10,000 <sup>4</sup>
Benzene, 1-(chloromethyl)-4-nitro-	100-14-1			500/10,000 <sup>4</sup>
Benzeneearsonic acid	98-05-5			10/10,000 <sup>4</sup>
Benzimidazole, 4,5-dichloro-2-(trifluoromethyl)-	3615-21-2			500/10,000 <sup>4</sup>
Benzotrichloride <sup>3</sup>	98-07-7			100
Bicyclo[2.2.1] heptane-2-carbonitrile, 5-chloro- 6-(((methylamino) carbonyl)oxy)imino)-, (1s-(1-alpha, 2-beta, 4-alpha, 5-alpha, 6E))-.	15271-41-7			500/10,000 <sup>4</sup>
Bis(Chloromethyl) ketone	534-07-6			10/10,000 <sup>4</sup>
Bitoscanate	4044-65-9			500/10,000 <sup>4</sup>
Boron trichloride [Borane, trichloro-]	10294-34-5	5,000		500
Boron trifluoride [Borane, trifluoro-]	7637-07-2	5,000		500
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis[metane]]]-, T-4-	353-42-4	15,000		1,000
Bromadiolone	28772-56-7			100/10,000 <sup>4</sup>
Bromine	7726-95-6	10,000		500
Bromotrifluorethylene [Ethene, bromotrifluoro-]	598-73-2		10,000	
1,3-Butadiene	106-99-0		10,000	
Butane	106-97-8		10,000	
1-Butene	106-98-9		10,000	
2-Butene	107-01-7		10,000	
Butene	25167-67-3		10,000	

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2-Butene-cis	590-18-1		10,000	
2-Butene-trans [2-Butene, (E)]	624-64-6		10,000	
Cadmium oxide	1306-19-0			100/10,000 <sup>4</sup>
Cadmium stearate	2223-93-0			1,000/10,000 <sup>4</sup>
Calcium arsenate	7778-44-1			500/10,000 <sup>4</sup>
Camphchlor	8001-35-2			500/10,000 <sup>4</sup>
Cantharidin	56-25-7			100/10,000 <sup>4</sup>
Carbachol chloride	51-83-2			500/10,000 <sup>4</sup>
Carbamic acid, methyl-,o-(((2,4-dimethyl-1, 3-dithiolan-2-yl)methylene) amino)-.	26419-73-8			100/10,000 <sup>4</sup>
Carbofuran	1563-66-2			10/10,000 <sup>4</sup>
Carbon disulfide	75-15-0	20,000		10,000
Carbon oxysulfide [Carbon oxide sulfide (COS)]	463-58-1		10,000	
Chlorine	7782-50-5	2,500		100
Chlorine dioxide [Chlorine oxide (ClO <sub>2</sub> )]	10049-04-4	1,000		
Chlorine monoxide [Chlorine oxide]	7791-21-1		10,000	
Chlormequat chloride	999-81-5			100/10,000 <sup>4</sup>
Chloroacetic acid	79-11-8			100/10,000 <sup>4</sup>
Chloroform [Methane, trichloro-]	67-66-3	20,000		10,000
Chloromethyl ether [Methane, oxybis[chloro-]]	542-88-1	1,000		100
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	5,000		100
Chlorophacinone	3691-35-8			100/10,000 <sup>4</sup>
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6		10,000	
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2		10,000	
Chloroxuron	1982-47-4			500/10,000 <sup>4</sup>
Chromic chloride	10025-73-7			1/10,000 <sup>4</sup>
Cobalt carbonyl	10210-68-1			10/10,000 <sup>4</sup>
Cobalt, ((2,2'-(1,2-ethanediylobis (nitrilomethylidyne)) bis(6-fluorophenolato))(2-)-N,N',O,O')-.	62207-76-5			100/10,000 <sup>4</sup>
Colchicine	64-86-8			10/10,000 <sup>4</sup>
Coumaphos	56-72-4			100/10,000 <sup>4</sup>
Coumatetralyl	5836-29-3			500/10,000 <sup>4</sup>
Cresol, o-	95-48-7			1,000/10,000 <sup>4</sup>
Crimidine	535-89-7			100/10,000 <sup>4</sup>
Crotonaldehyde [2-Butenal]	4170-30-3	20,000		1,000
Crotonaldehyde, (E)- [2-Butenal, (E)-]	123-73-9	20,000		1,000
Cyanogen bromide	506-68-3			500/10,000 <sup>4</sup>
Cyanogen iodide	506-78-5			1,000/10,000 <sup>4</sup>
Cyanogen [Ethanedinitrile]	460-19-5		10,000	
Cyanogen chloride	506-77-4	10,000		
Cyanuric fluoride	675-14-9			100
Cycloheximide	66-81-9			100/10,000 <sup>4</sup>
Cyclohexylamine [Cyclohexanamine]	108-91-8	15,000		10,000
Cyclopropane	75-19-4		10,000	
Decaborane(14)	17702-41-9			500/10,000 <sup>4</sup>
Dialifor	10311-84-9			100/10,000 <sup>4</sup>
Diborane	19287-45-7	2,500		100
Dichlorosilane [Silane, dichloro-]	4109-96-0		10,000	
Diepoxybutane <sup>3</sup>	1464-53-5			500
Difluoroethane [Ethane, 1,1-difluoro-]	75-37-6		10,000	
Digitoxin	71-63-6			100/10,000 <sup>4</sup>
Digoxin	20830-75-5			10/10,000 <sup>4</sup>
Dimethoate	60-51-5			500/10,000 <sup>4</sup>
Dimethylamine [Methanamine, N-methyl-]	124-40-3		10,000	
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	5,000		500

Chemical Name	CAS Number	Table 1 TQs in (lbs)	Table 2 <sup>2</sup> TQs in (lbs)	Table 3 TQs in (lbs)
1,1-Dimethylhydrazine [Hydrazine, 1,1-dimethyl-]	57-14-7	15,000		1,000
Dimethyl-p-phenylenediamine	99-98-9			10/10,000 <sup>4</sup>
Dimethyl sulfate <sup>3</sup>	77-78-1			500
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1		10,000	
Dimetilan	644-64-4			500/10,000 <sup>4</sup>
Dinitroresol	534-52-1			10/10,000 <sup>4</sup>
Dinoseb	88-85-7			100/10,000 <sup>4</sup>
Dinoterb	1420-07-1			500/10,000 <sup>4</sup>
Diphacinone	82-66-6			10/10,000 <sup>4</sup>
Disulfoton <sup>3</sup>	298-04-4			500
Dithiazanine iodide	514-73-8			500/10,000 <sup>4</sup>
Dithiobiuret	541-53-7			100/10,000 <sup>4</sup>
Emetine, dihydrochloride	316-42-7			1/10,000 <sup>4</sup>
Endosulfan	115-29-7			10/10,000 <sup>4</sup>
Endothion	2778-04-3			500/10,000 <sup>4</sup>
Endrin	72-20-8			500/10,000 <sup>4</sup>
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	20,000		1,000
EPN	2104-64-5			100/10,000 <sup>4</sup>
Ergocalciferol	50-14-6			1,000/10,000 <sup>4</sup>
Ergotamine tartrate	379-79-3			500/10,000 <sup>4</sup>
Ethane	74-84-0		10,000	
Ethyl acetylene [1-Butyne]	107-00-6		10,000	
Ethylamine [Ethanamine]	75-04-7		10,000	
Ethyl chloride [Ethane, chloro-]	75-00-3		10,000	
Ethylene [Ethene]	74-85-1		10,000	
Ethylenediamine [1,2-Ethanediamine]	107-15-3	20,000		10,000
Ethylene fluorohydrin	371-62-0			10
Ethyleneimine [Aziridine]	151-56-4	10,000		500
Ethylene oxide [Oxirane]	75-21-8	10,000		1,000
Ethyl ether [Ethane, 1,1'-oxybis-]	60-29-7		10,000	
Ethyl mercaptan [Ethanethiol]	75-08-1		10,000	
Ethyl nitrite [Nitrous acid, ethyl ester]	109-95-5		10,000	
Fenamiphos	22224-92-6			10/10,000 <sup>4</sup>
Fluenetil	4301-50-2			100/10,000 <sup>4</sup>
Fluorine	7782-41-4	1,000		500
Fluoroacetamide	640-19-7			100/10,000 <sup>4</sup>
Fluoroacetic acid	144-49-0			10/10,000 <sup>4</sup>
Fluoroacetyl chloride	359-06-8			10
Fluorouracil	51-21-8			500/10,000 <sup>4</sup>
Formaldehyde (including solutions) <sup>6</sup>	50-00-0	15,000		500
Formetanate hydrochloride	23422-53-9			500/10,000 <sup>4</sup>
Formparanate	17702-57-7			100/10,000 <sup>4</sup>
Fuberidazole	3878-19-1			100/10,000 <sup>4</sup>
Furan	110-00-9	5,000		500
Gallium trichloride	13450-90-3			500/10,000 <sup>4</sup>
Hydrazine	302-01-2	15,000		1,000
Hydrochloric acid (conc 37% or greater)	7647-01-0	15,000		
Hydrocyanic acid	74-90-8	2,500		100
Hydrogen chloride (gas / anhydrous)	7647-01-0	5,000		500
Hydrogen fluoride	7664-39-3	1,000		100
Hydrofluoric acid (conc 1% or greater) <sup>6</sup>	7664-39-3			100
Hydrofluoric acid (conc 50% or greater)	7664-39-3	1,000		
Hydrogen selenide	7783-07-5	500		10
Hydrogen	1333-74-0		10,000	

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Hydrogen sulfide	7783-06-4	10,000		500
Hydroquinone <sup>7</sup>	123-31-9			500/10,000 <sup>4</sup>
Iron, pentacarbonyl- [Iron carbonyl (Fe(CO) <sub>5</sub> ), (TB-5-11)-]	13463-40-6	2,500		100
Isobenzan	297-78-9			100/10,000 <sup>4</sup>
Isobutane [Propane, 2-methyl]	75-28-5		10,000	
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	20,000		1,000
Isocyanic acid, 3,4-dichlorophenyl ester	102-36-3			500/10,000 <sup>4</sup>
Isodrin	465-73-6			100/10,000 <sup>4</sup>
Isopentane [Butane, 2-methyl-]	78-78-4		10,000	
Isophorone diisocyanate	4098-71-9			100
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5		10,000	
Isopropylamine [2-Propanamine]	75-31-0		10,000	
Isopropyl chloride [Propane, 2-chloro-]	75-29-6		10,000	
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	15,000		1,000
Leptophos	21609-90-5			500/10,000 <sup>4</sup>
Lewisite <sup>3</sup>	541-25-3			10
Lindane	58-89-9			1,000/10,000 <sup>4</sup>
Lithium hydride <sup>5</sup>	7580-67-8			100
Malononitrile	109-77-3			500/10,000 <sup>4</sup>
Manganese, tricarbonyl methylcyclopentadienyl <sup>3</sup>	12108-13-3			100
Mechlorethamine <sup>3</sup>	51-75-2			10
Mercuric acetate	1600-27-7			500/10,000 <sup>4</sup>
Mercuric chloride	7487-94-7			500/10,000 <sup>4</sup>
Mercuric oxide	21908-53-2			500/10,000 <sup>4</sup>
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	10,000		500
Methacryloyl chloride	920-46-7			100
Methacryloyloxyethyl isocyanate	30674-80-7			100
Methamidophos	10265-92-6			100/10,000 <sup>4</sup>
Methane	74-82-8		10,000	
Methanesulfonyl fluoride	558-25-8			1,000
Methodathion	950-37-8			500/10,000 <sup>4</sup>
Methiocarb	2032-65-7			500/10,000 <sup>4</sup>
Methomyl	16752-77-5			500/10,000 <sup>4</sup>
Methoxyethylmercuric acetate	151-38-2			500/10,000 <sup>4</sup>
Methylamine [Methanamine]	74-89-5		10,000	
Methyl bromide	74-83-9			1,000
2-Methyl-1-butene	563-46-2		10,000	
3-Methyl-1-butene	563-45-1		10,000	
Methyl chloride [Methane, chloro-]	74-87-3	10,000		
Methyl 2-chloroacrylate	80-63-7			500
Methyl chloroformate [Carbonochloridic acid, methylester]	79-22-1	5,000		500
Methyl ether [Methane, oxybis-]	115-10-6		10,000	
Methyl formate [Formic acid, methyl ester]	107-31-3		10,000	
Methyl hydrazine [Hydrazine, methyl-]	60-34-4	15,000		500
Methyl isocyanate [Methane, isocyanato-]	624-83-9	10,000		500
Methyl isothiocyanate <sup>5</sup>	556-61-6			500
Methyl mercaptan [Methanethiol]	74-93-1	10,000		500
Methylmercuric Dicyanamide	502-39-6			500/10,000 <sup>4</sup>
Methyl phosphonic dichloride <sup>5</sup>	676-97-1			100
2-Methylpropene [1-Propene, 2-methyl-]	115-11-7		10,000	
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	20,000		10,000
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	5,000		500
Methyl vinyl ketone	78-94-4			10
Metolcarb	1129-41-5			100/10,000 <sup>4</sup>

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Mexacarbate	315-18-4			500/10,000 <sup>4</sup>
Mitomycin C	50-07-7			500/10,000 <sup>4</sup>
Monocrotophos	6923-22-4			10/10,000 <sup>4</sup>
Muscimol	2763-96-4			500/10,000 <sup>4</sup>
Mustard gas <sup>3</sup>	505-60-2			500
Nickel carbonyl	13463-39-3	1,000		1
Nicotine sulfate	65-30-5			100/10,000 <sup>4</sup>
Nitric acid <sup>1</sup> (conc 1% or greater)	7697-37-2			1,000
Nitric acid (conc 80% or greater)	7697-37-2	15,000		
Nitric oxide [Nitrogen oxide (NO)]	10102-43-9	10,000		100
Nitrobenzene <sup>3</sup>	98-95-3			10,000
Nitrogen dioxide	10102-44-0			100
Norbormide	991-42-4			100/10,000 <sup>4</sup>
Oleum (Fuming H <sub>2</sub> SO <sub>4</sub> ) [Sulfuric acid, mixture with SO <sub>3</sub> ] <sup>3</sup>	8014-95-7	10,000		
Organorhodium complex (PMN-82-147)	MIXTURE			10/10,000 <sup>4</sup>
Ouabain	630-60-4			100/10,000 <sup>4</sup>
Oxamyl	23135-22-0			100/10,000 <sup>4</sup>
Ozone	10028-15-6			100
Paraquat dichloride	1910-42-5			10/10,000 <sup>4</sup>
Paraquat methosulfate	2074-50-2			10/10,000 <sup>4</sup>
Parathion-methyl	298-00-0			100/10,000 <sup>4</sup>
Paris Green	12002-03-8			500/10,000 <sup>4</sup>
Pentaborane	19624-22-7			500
Pentadecylamine	2570-26-5			100/10,000 <sup>4</sup>
1,3-Pentadinene	504-60-9		10,000	
Pentane	109-66-0		10,000	
1-Pentene	109-67-1		10,000	
2-Pentene, (E)-	646-04-8		10,000	
2-Pentene, (Z)-	627-20-3		10,000	
Peracetic acid [Ethaneperoxoic acid]	79-21-0	10,000		500
Perchloromethylmercaptan [Methanesulfenyl chloride, trichloro-]	594-42-3	10,000		500
Phenol	108-95-2			500/10,000 <sup>4</sup>
Phenol, 2,2'-thiobis(4-chloro-6-methyl)-	4418-66-0			100/10,000 <sup>4</sup>
Phenol, 3-(1-methylethyl)-, methylcarbamate	64-00-6			500/10,000 <sup>4</sup>
Phenoxarsine, 10, 10' - oxydi-	58-36-6			500/10,000 <sup>4</sup>
Phenyl dichloroarsine <sup>3</sup>	696-28-6			500
Phenylhydrazine hydrochloride	59-88-1			1,000/10,000 <sup>4</sup>
Phenylmercury acetate	62-38-4			500/10,000 <sup>4</sup>
Phenylsilatrane	2097-19-0			100/10,000 <sup>4</sup>
Phenylthiourea	103-85-5			100/10,000 <sup>4</sup>
Phorate <sup>3</sup>	298-02-2			10
Phosacetim	4104-14-7			100/10,000 <sup>4</sup>
Phosfolan	947-02-4			100/10,000 <sup>4</sup>
Phosgene [Carbonic dichloride]	75-44-5	500		10
Phosmet	732-11-6			10/10,000 <sup>4</sup>
Phosphine	7803-51-2	5,000		500
Phosphonothioic acid, methyl-, S-(2-(bis(1-methylethyl)amino)ethyl) O-ethyl ester. <sup>3</sup>	50782-69-9			100
Phosphorus <sup>5</sup>	7723-14-0			100
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	5,000		500
Phosphorus pentachloride <sup>5</sup>	10026-13-8			500
Phosphorus trichloride [Phosphorous trichloride]	7719-12-2	15,000		1,000
Physostigmine	57-47-6			100/10,000 <sup>4</sup>
Physostigmine, salicylate (1:1)	57-64-7			100/10,000 <sup>4</sup>

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Picrotoxin	124-87-8			500/10,000 <sup>4</sup>
Piperidine	110-89-4	15,000		1,000
Potassium arsenite	10124-50-2			500/10,000 <sup>4</sup>
Potassium cyanide <sup>5</sup>	151-50-8			100
Potassium silver cyanide <sup>5</sup>	506-61-6			500
Promecarb	2631-37-0			500/10,000 <sup>4</sup>
Propadiene [1,2-Propadiene]	463-49-0		10,000	
Propane	74-98-6		10,000	
Propargyl bromide	106-96-7			10
Propiolactone, beta- <sup>3</sup>	57-57-8			500
Propionitrile [Propanenitrile]	107-12-0	10,000		500
Propiophenone, 4-amino-	70-69-9			100/10,000 <sup>4</sup>
Propyl chloroformate [Carbonochloridic acid, propylester]	109-61-5	15,000		500
Propylene [1-Propene]	115-07-1		10,000	
Propylene oxide [Oxirane, methyl-]	75-56-9	10,000		10,000
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	10,000		10,000
Propyne [1-Propyne]	74-99-7		10,000	
Prothoate	2275-18-5			100/10,000 <sup>4</sup>
Pyrene	129-00-0			1,000/10,000 <sup>4</sup>
Pyridine, 4-amino-	504-24-5			500/10,000 <sup>4</sup>
Pyridine, 4-nitro-, 1-oxide	1124-33-0			500/10,000 <sup>4</sup>
Pyriminil	53558-25-1			100/10,000 <sup>4</sup>
Salcomine	14167-18-1			500/10,000 <sup>4</sup>
Sarin <sup>3</sup>	107-44-8			10
Selenious acid	7783-00-8			1,000/10,000 <sup>4</sup>
Semicarbazide hydrochloride	563-41-7			1,000/10,000 <sup>4</sup>
Silane	7803-62-5		10,000	
Sodium arsenate	7631-89-2			1,000/10,000 <sup>4</sup>
Sodium arsenite	7784-46-5			500/10,000 <sup>4</sup>
Sodium azide (Na (N3)) <sup>5</sup>	26628-22-8			500
Sodium cacodylate	124-65-2			100/10,000 <sup>4</sup>
Sodium cyanide (Na (CN)) <sup>5</sup>	143-33-9			100
Sodium fluoroacetate	62-74-8			10/10,000 <sup>4</sup>
Sodium selenate	13410-01-0			100/10,000 <sup>4</sup>
Sodium selenite	10102-18-8			100/10,000 <sup>4</sup>
Sodium tellurite	10102-20-2			500/10,000 <sup>4</sup>
Stannane, acetoxytriphenyl-	900-95-8			500/10,000 <sup>4</sup>
Strychnine	57-24-9			100/10,000 <sup>4</sup>
Strychnine sulfate	60-41-3			100/10,000 <sup>4</sup>
Sulfur dioxide	7446-09-5			500
Sulfur dioxide (anhydrous)	7446-09-5	5,000		
Sulfuric acid <sup>8</sup>	7664-93-9			1,000
Sulfur tetrafluoride [Sulfur fluoride (SF4), (T-4)-]	7783-60-0	2,500		100
Sulfur trioxide <sup>5</sup>	7446-11-9	10,000		100
Tabun <sup>3</sup>	77-81-6			10
Tellurium hexafluoride	7783-80-4			100
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3		10,000	
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	10,000		100
Tetramethylsilane [Silane, tetramethyl-]	75-76-3		10,000	
Tetranitromethane [Methane, tetranitro-]	509-14-8	10,000		500
Thallium sulfate	10031-59-1			100/10,000 <sup>4</sup>
Thallos carbonate	6533-73-9			100/10,000 <sup>4</sup>
Thallos chloride	7791-12-0			100/10,000 <sup>4</sup>
Thallos malonate	2757-18-8			100/10,000 <sup>4</sup>

Chemical Name	CAS Number	Table 1 TQs in (lbs)	Table 2 <sup>2</sup> TQs in (lbs)	Table 3 TQs in (lbs)
Thallosulfate	7446-18-6			100/10,000 <sup>4</sup>
Thiocarbamide	2231-57-4			1,000/10,000 <sup>4</sup>
Thiofanox	39196-18-4			100/10,000 <sup>4</sup>
Thiosemicarbazide	79-19-6			100/10,000 <sup>4</sup>
Thiourea, (2-Chlorophenyl)-	5344-82-1			100/10,000 <sup>4</sup>
Thiourea, (2-Methylphenyl)-	614-78-8			500/10,000 <sup>4</sup>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	2,500		100
Toluene 2,4-diisocyanate [Benzene, 2,4-diisocyanato-1-methyl-] <sup>3</sup>	584-84-9	10,000		500
Toluene 2,6-diisocyanate [Benzene, 1,3-diisocyanato-2-methyl-] <sup>3</sup>	91-08-7	10,000		100
Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-] <sup>3</sup>	26471-62-5	10,000		
Triamiphos	1031-47-6			500/10,000 <sup>4</sup>
Trichloro(chloromethyl)silane	1558-25-4			100
Trichloro(dichlorophenyl)silane	27137-85-5			500
Trichlorosilane [Silane, trichloro-]	10025-78-2		10,000	
Triethoxysilane	998-30-1			500
Trifluorochloroethylene [Ethene, chlorotrifluoro-]	79-38-9		10,000	
Trimethylamine [Methanamine, N,N-dimethyl-]	75-50-3		10,000	
Trimethylchlorosilane [Silane, chlorotrimethyl-]	75-77-4	10,000		1,000
Trimethylolpropane phosphite	824-11-3			100/10,000 <sup>4</sup>
Trimethyltin chloride	1066-45-1			500/10,000 <sup>4</sup>
Triphenyltin chloride	639-58-7			500/10,000 <sup>4</sup>
Tris(2-chloroethyl)amine <sup>3</sup>	555-77-1			100
Valinomycin	2001-95-8			1,000/10,000 <sup>4</sup>
Vanadium pentoxide	1314-62-1			100/10,000 <sup>4</sup>
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	15,000		1,000
Vinyl acetylene [1-Buten-3-yne]	689-97-4		10,000	
Vinyl chloride [Ethene, chloro-]	75-01-4		10,000	
Vinyl ethyl ether [Ethene, ethoxy-]	109-92-2		10,000	
Vinyl fluoride [Ethene, fluoro-]	75-02-5		10,000	
Vinylidene chloride [Ethene, 1,1-dichloro-]	75-35-4		10,000	
Vinylidene fluoride [Ethene, 1,1-difluoro-]	75-38-7		10,000	
Vinyl methyl ether [Ethene, methoxy-]	107-25-5		10,000	
Warfarin	81-81-2			500/10,000 <sup>4</sup>
Warfarin sodium	129-06-6			100/10,000 <sup>4</sup>
Xylylene dichloride	28347-13-9			100/10,000 <sup>4</sup>
Zinc, dichloro(4,4-dimethyl-5((((methylamino) carbonyl)oxy)imino) pentanenitrile)-, (T-4)-.	58270-08-9			100/10,000 <sup>4</sup>
Zinc phosphide <sup>5</sup>	1314-84-7			500

- 1 Consult Section 2770.5 of the CalARP Program regulations (Tables 1, 2, and 3) for the official chemical listings. Consult Sections 2770.2, 2770.4, and 2770.4.1, for specific exemptions and exclusions.
- 2 Flammable substances when used as a fuel or held for sale as a fuel at a retail facility are excluded from the CalARP Program (Section 2770.4.1).
- 3 Substances that failed the evaluation pursuant to Section 25532(g)(2) of the HSC but remain listed pursuant to potential health impacts. The exemption in Section 2770.2(b)(1)(B) regarding portions of a process where these regulated substances are handled at partial pressures below 10 mm Hg does not apply to these substances.

- 4 These extremely hazardous substances are solids. These substances are regulated at the lower listed threshold if: 1) the chemical is in powdered form with a particle size of less than 100 microns; or 2) if handled in solution or in molten form; or 3) the substance has an NFPA rating for reactivity of 2, 3, or 4. If the above 3 conditions do not apply, the threshold for each of these substances is 10,000 pounds. (Note: The 10,000 pound threshold for these substances is a remnant from the former RMPP program. OES is considering initiating a regulatory change to remove the 10,000 pound thresholds, in accordance with HSC 25532(g)(2)(A)(iii).) In addition, the exemption in Section 2770.2(b)(1)(B) regarding portions of a process where these regulated substances are handled at partial pressures below 10 mm Hg does not apply to these substances.
- 5 These extremely hazardous substances are reactive solids. The exemption in Section 2770.2(b)(1)(B) regarding portions of a process where these regulated substances are handled at partial pressures below 10 mm Hg does not apply to these substances.
- 6 Appropriate synonyms or mixtures of extremely hazardous substances with the same CAS number are also regulated, e.g., formalin. The listing of ammonia includes anhydrous and aqueous forms of ammonia pursuant to Section 25532(g)(2). Consult USEPA's "CAA Section 112(r) Frequently Asked Questions," April 2000, Questions II. 20 (List Rule Response to Comments, page 50, Docket A 91-74), II. 22, II. 36, and II. 37 for further discussion on ammonium hydroxide and formaldehyde.
- 7 Hydroquinone is exempt in crystalline form.
- 8 Sulfuric acid fails the evaluation pursuant to Section 25532(g)(2) of the HSC but remains listed as a Regulated Substance only under the following conditions:
- If concentrated with greater than 100 pounds of sulfur trioxide or the acid meets the definition of oleum. (The Table 3 threshold for sulfur trioxide is 100 pounds.) (The Table 1 threshold for oleum is 10,000 pounds.)
  - If in a container with flammable hydrocarbons (flash point < 73<sup>o</sup> F).