



# South Coast Air Quality Management District

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## Form 400-CEQA, Table 1 – Regulated Substances List and Threshold Quantities for Accidental Release Prevention (343 Substances)

Table 1 contains a list of substances that are regulated by the California Accidental Release Prevention Program\*. To respond to Question 4 on Section C of Form 400-CEQA, the applicant will need to: 1) identify the chemicals or compounds that are contained in the products used at the facility or site where the project is located; and, 2) determine whether these chemicals or compounds are included in Table 1 and whether the amounts stored onsite or transported by motor vehicle to or from the site are greater than or equal to the corresponding threshold quantity. The following resources may be helpful with this task:

- 1) Refer to each product’s Material Safety Data Sheet (MSDS) which typically identifies the chemical, either by brand name, common name, chemical name, or Chemical Abstract Service number (CAS). If the MSDS is not included as part of the product shipment, it may be obtained directly from the supplier, distributor, vendor or manufacturer.
- 2) Refer to the equipment manufacturer’s specifications to establish what products are suitable for proper operation of the equipment.

Chemical Name	CAS No.	Threshold Quantity (lbs)
Acetaldehyde	75-07-0	10,000
Acetone Cyanohydrin <sup>1</sup>	75-86-5	1,000
Acetone Thiosemicarbazide	1752-30-3	1,000 / 10,000 <sup>2</sup>
Acetylene [Ethyne]	74-86-2	10,000
Acrolein [2-Propenal]	107-02-8	500
Acrylamide	79-06-1	1,000 / 10,000 <sup>2</sup>
Acrylonitrile [2-Propenenitrile]	107-13-1	10,000
Acrylyl chloride [2-Propenoyl chloride]	814-68-6	100
Aldicarb	116-06-3	100 / 10,000 <sup>2</sup>
Aldrin	309-00-2	500 / 10,000 <sup>2</sup>
Allyl alcohol [2-Propen-1-ol]	107-18-6	1,000
Allylamine [2-Propen-1-amine]	107-11-9	500
Aluminum Phosphide <sup>3</sup>	20859-73-8	500
Aminopterin	54-62-6	500 / 10,000 <sup>2</sup>
Amiton Oxalate	3734-97-2	100 / 10,000 <sup>2</sup>
Ammonia <sup>4</sup>	7664-41-7	500
Aniline <sup>1</sup>	62-53-3	1,000
Antimycin A	1397-94-0	1,000 / 10,000 <sup>2</sup>
ANTU	86-88-4	500 / 10,000 <sup>2</sup>
Arsenic Pentoxide	1303-28-2	100 / 10,000 <sup>2</sup>

\* Extracted from California Accidental Release Prevention (CalARP) Program as promulgated in the California Code of Regulations (CCR), Title 19, Division 2, Chapter 4.5, Article 8, §2770.5, Tables 1, 2 and 3, January 1, 2015.  
<http://www.caloes.ca.gov/FireRescueSite/Documents/CalARP%20Regulations%2001012015.pdf>

Table 1 (continued)

Chemical Name	CAS No.	Threshold Quantity (lbs)
Arsenous Oxide	1327-53-3	100 / 10,000 <sup>2</sup>
Arsenous trichloride	7784-34-1	500
Arsine	7784-42-1	100
Azinphos-Ethyl	2642-71-9	100 / 10,000 <sup>2</sup>
Azinphos-Methyl	86-50-0	10 / 10,000 <sup>2</sup>
Benzene, 1-(Chloromethyl)-4-Nitro-	100-14-1	500 / 10,000 <sup>2</sup>
Benzeneearsonic Acid	98-05-5	10 / 10,000 <sup>2</sup>
Benzimidazole, 4,5-Dichloro-2-(Trifluoromethyl)-	3615-21-2	500 / 10,000 <sup>2</sup>
Benzotrichloride <sup>1</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>2</sup>
Bis(Chloromethyl) Ketone	534-07-6	10 / 10,000 <sup>2</sup>
Bitoscanate	4044-65-9	500 / 10,000 <sup>2</sup>
Boron trichloride [Borane, trichloro-]	10294-34-5	500
Boron trifluoride [Borane, trifluoro-]	7637-07-2	500
Boron trifluoride compound with methyl ether (1:1) [Boron, trifluoro [oxybis[metane]]]-, T-4-	353-42-4	1,000
Bromadiolone	28772-56-7	100 / 10,000 <sup>2</sup>
Bromine	7726-95-6	500
Bromotrifluoroethylene [Ethene, bromotrifluoro-]	598-73-2	10,000
1,3-Butadiene	106-99-0	10,000
Butane	106-97-8	10,000
Butene	25167-67-3	10,000
1-Butene	106-98-9	10,000
2-Butene	107-01-7	10,000
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>2</sup>
Cadmium Stearate	2223-93-0	1,000 / 10,000 <sup>2</sup>
Calcium Arsenate	7778-44-1	500 / 10,000 <sup>2</sup>
Camphechlor	8001-35-2	500 / 10,000 <sup>2</sup>
Cantharidin	56-25-7	100 / 10,000 <sup>2</sup>
Carbachol Chloride	51-83-2	500 / 10,000 <sup>2</sup>
Carbamic Acid, Methyl-,o-(((2,4-Dimethyl-1,3-Dithiolan-2-yl)Methylene)Amino)-.	26419-73-8	100 / 10,000 <sup>2</sup>
Carbofuran	1563-66-2	10 / 10,000 <sup>2</sup>
Carbon disulfide	75-15-0	10,000
Carbon oxysulfide or Carbon oxide sulfide (COS)	463-58-1	10,000
Chlorine	7782-50-5	100
Chlorine dioxide or Chlorine oxide (ClO <sub>2</sub> )	10049-04-4	1,000
Chlorine monoxide or Chlorine oxide	7791-21-1	10,000
Chlormequat Chloride	999-81-5	100 / 10,000 <sup>2</sup>
Chloroacetic Acid	79-11-8	100 / 10,000 <sup>2</sup>
Chloroform [Methane, trichloro-]	67-66-3	10,000
Chloromethyl ether [Methane, oxybis[chloro-]]	542-88-1	100
Chloromethyl methyl ether [Methane, chloromethoxy-]	107-30-2	100
Chlorophacinone	3691-35-8	100 / 10,000 <sup>2</sup>
1-Chloropropylene [1-Propene, 1-chloro-]	590-21-6	10,000

Table 1 (continued)

Chemical Name	CAS No.	Threshold Quantity (lbs)
2-Chloropropylene [1-Propene, 2-chloro-]	557-98-2	10,000
Chloroxuron	1982-47-4	500 / 10,000 <sup>2</sup>
Chromic Chloride	10025-73-7	1 / 10,000 <sup>2</sup>
Cobalt Carbonyl	10210-68-1	10 / 10,000 <sup>2</sup>
Cobalt, ((2,2'-(1,2-Ethanediy)lbis (Nitrilomethylidyne))Bis(6-Fluorophenolato))(2)-N,N',O,O')-	62207-76-5	100 / 10,000 <sup>2</sup>
Colchicine	64-86-8	10 / 10,000 <sup>2</sup>
Coumaphos	56-72-4	100 / 10,000 <sup>2</sup>
Coumatetralyl	5836-29-3	500 / 10,000 <sup>2</sup>
Cresol, o-	95-48-7	1,000 / 10,000 <sup>2</sup>
Crimidine	535-89-7	100 / 10,000 <sup>2</sup>
Crotonaldehyde [2-Butenal]	4170-30-3	1,000
Crotonaldehyde, (E)- [2-Butenal, (E)-]	123-73-9	1,000
Cyanogen [Ethanedinitrile]	460-19-5	10,000
Cyanogen Bromide	506-68-3	500 / 10,000 <sup>2</sup>
Cyanogen chloride	506-77-4	10,000
Cyanogen Iodide	506-78-5	1,000 / 10,000 <sup>2</sup>
Cyanuric Fluoride	675-14-9	100
Cycloheximide	66-81-9	100 / 10,000 <sup>2</sup>
Cyclohexylamine [Cyclohexanamine]	108-91-8	10,000
Cyclopropane	75-19-4	10,000
Decaborane(14)	17702-41-9	500 / 10,000 <sup>2</sup>
Dialifor	10311-84-9	100 / 10,000 <sup>2</sup>
Diborane	19287-45-7	100
Dichlorosilane [Silane, dichloro-]	4109-96-0	10,000
Diepoxybutane <sup>1</sup>	1464-53-5	500
Difluoroethane [Ethane, 1,1-difluoro-]	75-37-6	10,000
Digitoxin	71-63-6	100 / 10,000 <sup>2</sup>
Digoxin	20830-75-5	10 / 10,000 <sup>2</sup>
Dimethoate	60-51-5	500 / 10,000 <sup>2</sup>
Dimethyl Sulfate <sup>1</sup>	77-78-1	500
Dimethylamine [Methanamine, N-methyl-]	124-40-3	10,000
Dimethyldichlorosilane [Silane, dichlorodimethyl-]	75-78-5	500
Dimethylhydrazine	57-14-7	1,000
2,2-Dimethylpropane [Propane, 2,2-dimethyl-]	463-82-1	10,000
Dimethyl-p-Phenylenediamine	99-98-9	10 / 10,000 <sup>2</sup>
Dimetilan	644-64-4	500 / 10,000 <sup>2</sup>
Dinitrocresol	534-52-1	10 / 10,000 <sup>2</sup>
Dinoseb	88-85-7	100 / 10,000 <sup>2</sup>
Dinoterb	1420-07-1	500 / 10,000 <sup>2</sup>
Diphacinone	82-66-6	10 / 10,000 <sup>2</sup>
Disulfoton <sup>1</sup>	298-04-4	500
Dithiazanine Iodide	514-73-8	500 / 10,000 <sup>2</sup>
Dithiobiuret	541-53-7	100 / 10,000 <sup>2</sup>
Emetine, Dihydrochloride	316-42-7	1 / 10,000 <sup>2</sup>
Endosulfan	115-29-7	10 / 10,000 <sup>2</sup>
Endothion	2778-04-3	500 / 10,000 <sup>2</sup>
Endrin	72-20-8	500 / 10,000 <sup>2</sup>

Table 1 (continued)

Chemical Name	CAS No.	Threshold Quantity (lbs)
Epichlorohydrin [Oxirane, (chloromethyl)-]	106-89-8	1,000
EPN	2104-64-5	100 / 10,000 <sup>2</sup>
Ergocalciferol	50-14-6	1,000 / 10,000 <sup>2</sup>
Ergotamine Tartrate	379-79-3	500 / 10,000 <sup>2</sup>
Ethane	74-84-0	10,000
Ethyl Acetylene [1-Butyne]	107-00-6	10,000
Ethyl Chloride [Ethane, chloro-]	75-00-3	10,000
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
Ethylamine [Ethanamine]	75-04-7	10,000
Ethylene [Ethene]	74-85-1	10,000
Ethylene Fluorohydrin	371-62-0	10
Ethylene oxide [Oxirane]	75-21-8	1,000
Ethylenediamine [1,2-Ethanediamine]	107-15-3	10,000
Ethyleneimine [Aziridine]	151-56-4	500
Fenamiphos	22224-92-6	10 / 10,000 <sup>2</sup>
Fluenetil	4301-50-2	100 / 10,000 <sup>2</sup>
Fluorine	7782-41-4	500
Fluoroacetamide	640-19-7	100 / 10,000 <sup>2</sup>
Fluoroacetic Acid	144-49-0	10 / 10,000 <sup>2</sup>
Fluoroacetyl Chloride	359-06-8	10
Fluorouracil	51-21-8	500 / 10,000 <sup>2</sup>
Formaldehyde <sup>4</sup>	50-00-0	500
Formetanate Hydrochloride	23422-53-9	500 / 10,000 <sup>2</sup>
Formparanate	17702-57-7	100 / 10,000 <sup>2</sup>
Fuberidazole	3878-19-1	100 / 10,000 <sup>2</sup>
Furan	110-00-9	500
Gallium Trichloride	13450-90-3	500 / 10,000 <sup>2</sup>
Hydrazine	302-01-2	1,000
Hydrogen chloride or Hydrochloric acid (anhydrous) <sup>4</sup>	7647-01-0	500
Hydrogen chloride or Hydrochloric acid (liquid at a concentration of 37% or greater) <sup>4</sup>	7647-01-0	15,000
Hydrocyanic acid	74-90-8	100
Hydrogen	1333-74-0	10,000
Hydrogen fluoride or Hydrofluoric acid (at a concentration of 50% or greater)	7664-39-3	100
Hydrogen selenide	7783-07-5	10
Hydrogen sulfide	7783-06-4	500
Hydroquinone <sup>5</sup>	123-31-9	500 / 10,000 <sup>2</sup>
Iron, pentacarbonyl- [Iron carbonyl (Fe(CO) <sub>5</sub> ), (TB-5-11)-]	13463-40-6	100
Isobenzan	297-78-9	100 / 10,000 <sup>2</sup>
Isobutane [Propane, 2-methyl]	75-28-5	10,000
Isobutyronitrile [Propanenitrile, 2-methyl-]	78-82-0	1,000
Isocyanic Acid, 3,4-DichlorophenylEster	102-36-3	500 / 10,000 <sup>2</sup>
Isodrin	465-73-6	100 / 10,000 <sup>2</sup>
Isopentane [Butane, 2-methyl-]	78-78-4	10,000
Isophorone Diisocyanate	4098-71-9	100

Table 1 (continued)

Chemical Name	CAS No.	Threshold Quantity (lbs)
Isoprene [1,3-Butadiene, 2-methyl-]	78-79-5	10,000
Isopropyl Chloride [Propane, 2-chloro-]	75-29-6	10,000
Isopropyl chloroformate [Carbonochloridic acid, 1-methylethyl ester]	108-23-6	1,000
Isopropylamine [2-Propanamine]	75-31-0	10,000
Leptophos	21609-90-5	500 / 10,000 <sup>2</sup>
Lewisite <sup>1</sup>	541-25-3	10
Lindane	58-89-9	1,000 / 10,000 <sup>2</sup>
Lithium Hydride <sup>3</sup>	7580-67-8	100
Malononitrile	109-77-3	500 / 10,000 <sup>2</sup>
Manganese, Tricarbonyl Methylcyclopentadienyl <sup>1</sup>	12108-13-3	100
Mechlorethamine <sup>1</sup>	51-75-2	10
Mercuric Acetate	1600-27-7	500 / 10,000 <sup>2</sup>
Mercuric Chloride	7487-94-7	500 / 10,000 <sup>2</sup>
Mercuric Oxide	21908-53-2	500 / 10,000 <sup>2</sup>
Methacrylonitrile [2-Propenenitrile, 2-methyl-]	126-98-7	500
Methacryloyl Chloride	920-46-7	100
Methacryloyloxyethylisocyanate	30674-80-7	100
Methamidophos	10265-92-6	100 / 10,000 <sup>2</sup>
Methane	74-82-8	10,000
Methanesulfonyl Fluoride	558-25-8	1,000
Methidathion	950-37-8	500 / 10,000 <sup>2</sup>
Methiocarb	2032-65-7	500 / 10,000 <sup>2</sup>
Methomyl	16752-77-5	500 / 10,000 <sup>2</sup>
Methoxyethylmercuric Acetate	151-38-2	500 / 10,000 <sup>2</sup>
2-Methyl-1-butene	563-46-2	10,000
3-Methyl-1-butene	563-45-1	10,000
Methyl 2-Chloroacrylate	80-63-7	500
Methyl Bromide	74-83-9	1,000
Methyl chloride [Methane, chloro-]	74-87-3	10,000
Methyl chloroformate [Carbonochloridic acid, methylester]	79-22-1	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	500
Methyl isocyanate [Methane, isocyanato-]	624-83-9	500
Methyl Isothiocyanate <sup>3</sup>	556-61-6	500
Methyl mercaptan [Methanethiol]	74-93-1	500
Methyl Phosphonic Dichloride <sup>3</sup>	676-97-1	100
Methyl thiocyanate [Thiocyanic acid, methyl ester]	556-64-9	10,000
Methyl Vinyl Ketone	78-94-4	10
Methylamine [Methanamine]	74-89-5	10,000
Methylmercuric Dicyanamide	502-39-6	500 / 10,000 <sup>2</sup>
2-Methylpropene [1-Propene, 2-methyl-]	115-11-7	10,000
Methyltrichlorosilane [Silane, trichloromethyl-]	75-79-6	500
Metolcarb	1129-41-5	100 / 10,000 <sup>2</sup>
Mexacarbate	315-18-4	500 / 10,000 <sup>2</sup>
Mitomycin C	50-07-7	500 / 10,000 <sup>2</sup>
Monocrotophos	6923-22-4	10 / 10,000 <sup>2</sup>

Table 1 (continued)

Chemical Name	CAS No.	Threshold Quantity (lbs)
Muscimol	2763-96-4	500 / 10,000 <sup>2</sup>
Mustard Gas <sup>1</sup>	505-60-2	500
Nickel carbonyl	13463-39-3	1
Nicotine Sulfate	65-30-5	100 / 10,000 <sup>2</sup>
Nitric acid (at a concentration of 80% or greater)	7697-37-2	1,000
Nitric oxide or Nitrogen oxide	10102-43-9	100
Nitrobenzene <sup>1</sup>	98-95-3	10,000
Nitrogen Dioxide	10102-44-0	100
Norbormide	991-42-4	100 / 10,000 <sup>2</sup>
Oleum (Fuming Sulfuric acid) [Sulfuric acid, mixture with sulfur trioxide] <sup>6</sup>	8014-95-7	10,000
Organorhodium Complex (PMN-82-147)	MIXTURE	10 / 10,000 <sup>2</sup>
Ouabain	630-60-4	100 / 10,000 <sup>2</sup>
Oxamyl	23135-22-0	100 / 10,000 <sup>2</sup>
Ozone	10028-15-6	100
Paraquat Dichloride	1910-42-5	10 / 10,000 <sup>2</sup>
Paraquat Methosulfate	2074-50-2	10 / 10,000 <sup>2</sup>
Parathion-Methyl	298-00-0	100 / 10,000 <sup>2</sup>
Paris Green	12002-03-8	500 / 10,000 <sup>2</sup>
Pentaborane	19624-22-7	500
Pentadecylamine	2570-26-5	100 / 10,000 <sup>2</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	500
Perchloromethylmercaptan [Methanesulfenyl chloride, trichloro-]	594-42-3	500
Phenol	108-95-2	500 / 10,000 <sup>2</sup>
Phenol, 2,2'-Thiobis(4-Chloro-6-Methyl)-	4418-66-0	100 / 10,000 <sup>2</sup>
Phenol, 3-(Methylethyl)-,Methylcarbamate	64-00-6	500 / 10,000 <sup>2</sup>
Phenoxarsine, 10, 10' - Oxydi-	58-36-6	500 / 10,000 <sup>2</sup>
Phenyl Dichloroarsine <sup>1</sup>	696-28-6	500
Phenylhydrazine Hydrochloride	59-88-1	1,000 / 10,000 <sup>2</sup>
Phenylmercury Acetate	62-38-4	500 / 10,000 <sup>2</sup>
Phenylsilatrane	2097-19-0	100 / 10,000 <sup>2</sup>
Phenylthiourea	103-85-5	100 / 10,000 <sup>2</sup>
Phorate <sup>1</sup>	298-02-2	10
Phosacetim	4104-14-7	100 / 10,000 <sup>2</sup>
Phosfolan	947-02-4	100 / 10,000 <sup>2</sup>
Phosgene [Carbonic dichloride]	75-44-5	10
Phosmet	732-11-6	10 / 10,000 <sup>2</sup>
Phosphine	7803-51-2	500
Phosphonothioic Acid, Methyl-, S-(2-(Bis(1-Methylethyl)Amino)Ethyl)O-Ethyl Ester <sup>1</sup>	50782-69-9	100
Phosphorus oxychloride [Phosphoryl chloride]	10025-87-3	500
Phosphorus Pentachloride <sup>3</sup>	10026-13-8	500
Phosphorus trichloride [Phosphorous trichloride]	7719-12-2	1,000

Table 1 (continued)

Chemical Name	CAS No.	Threshold Quantity (lbs)
Phosphorus <sup>3</sup>	7723-14-0	100
Physostigmine	57-47-6	100 / 10,000 <sup>2</sup>
Physostigmine, Salicylate (1:1)	57-64-7	100 / 10,000 <sup>2</sup>
Picrotoxin	124-87-8	500 / 10,000 <sup>2</sup>
Piperidine	110-89-4	1,000
Potassium Arsenite	10124-50-2	500 / 10,000 <sup>2</sup>
Potassium Cyanide <sup>3</sup>	151-50-8	100
Potassium Silver Cyanide <sup>3</sup>	506-61-6	500
Promecarb	2631-37-0	500 / 10,000 <sup>2</sup>
Propadiene [1,2-Propadiene]	463-49-0	10,000
Propane <sup>6</sup>	74-98-6	10,000
Propargyl Bromide	106-96-7	10
Propiolactone, Beta- <sup>1</sup>	57-57-8	500
Propionitrile [Propanenitrile]	107-12-0	500
Propiophenone, 4-Amino-	70-69-9	100 / 10,000 <sup>2</sup>
Propyl chloroformate [Carbonochloridic acid, propylester]	109-61-5	500
Propylene [1-Propene]	115-07-1	10,000
Propylene oxide [Oxirane, methyl-]	75-56-9	10,000
Propyleneimine [Aziridine, 2-methyl-]	75-55-8	10,000
Propyne [1-Propyne]	74-99-7	10,000
Prothoate	2275-18-5	100 / 10,000 <sup>2</sup>
Pyrene	129-00-0	1,000 / 10,000 <sup>2</sup>
Pyridine, 4-Amino	504-24-5	500 / 10,000 <sup>2</sup>
Pyridine, 4-Nitro-, 1-Oxide	1124-33-0	500 / 10,000 <sup>2</sup>
Pyriminil	53558-25-1	100 / 10,000 <sup>2</sup>
Salcomine	14167-18-1	500 / 10,000 <sup>2</sup>
Sarin <sup>1</sup>	107-44-8	10
Selenious Acid	7783-00-8	1,000 / 10,000 <sup>2</sup>
Semicarbazide Hydrochloride	563-41-7	1,000 / 10,000 <sup>2</sup>
Silane	7803-62-5	10,000
Sodium Arsenate	7631-89-2	1,000 / 10,000 <sup>2</sup>
Sodium Arsenite	7784-46-5	500 / 10,000 <sup>2</sup>
Sodium Azide (Na (N <sub>3</sub> )) <sup>3</sup>	26628-22-8	500
Sodium Cacodylate	124-65-2	100 / 10,000 <sup>2</sup>
Sodium Cyanide (Na (CN)) <sup>3</sup>	143-33-9	100
Sodium Fluoroacetate	62-74-8	10 / 10,000 <sup>2</sup>
Sodium Selenate	13410-01-0	100 / 10,000 <sup>2</sup>
Sodium Selenite	10102-18-8	100 / 10,000 <sup>2</sup>
Sodium Tellurite	10102-20-2	500 / 10,000 <sup>2</sup>
Stannane, Acetoxytriphenyl-	900-95-8	500 / 10,000 <sup>2</sup>
Strychnine	57-24-9	100 / 10,000 <sup>2</sup>
Strychnine Sulfate	60-41-3	100 / 10,000 <sup>2</sup>
Sulfur dioxide (anhydrous)	7446-09-5	500
Sulfur tetrafluoride [Sulfur fluoride (SF <sub>4</sub> ), (T-4)-]	7783-60-0	100
Sulfur trioxide <sup>3</sup>	7446-11-9	100
Sulfuric Acid <sup>7</sup>	7664-93-9	1,000
Tabun <sup>1</sup>	77-81-6	10
Tellurium Hexafluoride	7783-80-4	100

Table 1 (continued)

Chemical Name	CAS No.	Threshold Quantity (lbs)
Tetrafluoroethylene [Ethene, tetrafluoro-]	116-14-3	10,000
Tetramethyllead [Plumbane, tetramethyl-]	75-74-1	100
Tetramethylsilane [Silane, tetramethyl-]	75-76-3	10,000
Tetranitromethane [Methane, tetranitro-]	509-14-8	500
Thallium Sulfate	10031-59-1	100 / 10,000 <sup>2</sup>
Thallos Carbonate	6533-73-9	100 / 10,000 <sup>2</sup>
Thallos Chloride	7791-12-0	100 / 10,000 <sup>2</sup>
Thallos Malonate	2757-18-8	100 / 10,000 <sup>2</sup>
Thallos Sulfate	7446-18-6	100 / 10,000 <sup>2</sup>
Thiocarbazide	2231-57-4	1,000 / 10,000 <sup>2</sup>
Thiofanox	39196-18-4	100 / 10,000 <sup>2</sup>
Thiosemicarbazide	79-19-6	100 / 10,000 <sup>2</sup>
Thiourea, [2-Chlorophenyl-]	5344-82-1	100 / 10,000 <sup>2</sup>
Thiourea, [2-Methylphenyl-]	614-78-8	500 / 10,000 <sup>2</sup>
Titanium tetrachloride [Titanium chloride (TiCl <sub>4</sub> ) (T-4)-]	7550-45-0	100
Toluene 2,4-diisocyanate <sup>8</sup>	584-84-9	500
Toluene 2,6-diisocyanate <sup>8</sup>	91-08-7	100
Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-] <sup>8</sup>	26471-62-5	10,000
Triamphos	1031-47-6	500 / 10,000 <sup>2</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	1,000
Trimethylolpropane Phosphite	824-11-3	100 / 10,000 <sup>2</sup>
Trimethyltin Chloride	1066-45-1	500 / 10,000 <sup>2</sup>
Triphenyltin Chloride	639-58-7	500 / 10,000 <sup>2</sup>
Tris(2-Chloroethyl)Amine <sup>1</sup>	555-77-1	100
Valinomycin	2001-95-8	1,000 / 10,000 <sup>2</sup>
Vanadium Pentoxide	1314-62-1	100 / 10,000 <sup>2</sup>
Vinyl acetate monomer [Acetic acid ethenyl ester]	108-05-4	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
Vinyl Methyl Ether [Ethene, methoxy-]	107-25-5	10,000
Vinylidene Chloride [Ethene, 1,1-dichloro-]	75-35-4	10,000
Vinylidene Fluoride [Ethene, 1,1-difluoro-]	75-38-7	10,000
Warfarin	81-81-2	500 / 10,000 <sup>2</sup>
Warfarin Sodium	129-06-6	100 / 10,000 <sup>2</sup>
Xylylene Dichloride	28347-13-9	100 / 10,000 <sup>2</sup>
Zinc Phosphide <sup>3</sup>	1314-84-7	500
Zinc, Dichloro(4,4-Dimethyl-5((((Methylamino)Carbonyl)Oxy)Imino) Pentanenitrile)-(T-4)-	58270-08-9	100 / 10,000 <sup>2</sup>



**Table 1 (concluded)**

END NOTES

- <sup>1</sup> Substances that failed the evaluation pursuant to Health and Safety Code (H&S) §25532 (g)(2) but remain listed pursuant to potential health impacts. The exemption in the California Code of Regulations (CCR), Title 19, Division 2, Chapter 4.5, Article 8, §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.
- <sup>2</sup> These extremely hazardous substances are solids. The lesser quantity listed applies only if in powdered form and with a particle size of less than 100 microns; or if handled in solution or in molten form; or the substance has an NFPA rating for reactivity of 2, 3, or 4. Otherwise, a 10,000 pound threshold applies. The exemption in CCR § 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.
- <sup>3</sup> These extremely hazardous substances are reactive solids. The exemption in CCR §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.
- <sup>4</sup> Appropriate synonyms or mixtures of extremely hazardous substances with the same CAS number are also regulated, e.g., ammonia or hydrogen chloride. The listing of ammonia includes anhydrous and aqueous forms of ammonia pursuant to H&S §25532 (g)(2).
- <sup>5</sup> Hydroquinone is exempt in crystalline form.
- <sup>6</sup> Propane is also referred to as liquid petroleum gas (LPG). When propane is used as a fuel by an end user, or when it is held for retail sale as a fuel, it is excluded from the both the California and Federal RMP programs in accordance with CCR, Title 19, §2770.4.1 and Chapter 40 of the Code of Federal Regulations (CFR) Part 68, §68.126.
- <sup>7</sup> Sulfuric acid fails the evaluation pursuant to H&S §25532 (g)(2) but remains listed as a Regulated Substance only under the following conditions:
- a. If concentrated with greater than 100 pounds of sulfur trioxide or the acid meets the definition of oleum. (The threshold for sulfur trioxide is 100 pounds and the threshold for oleum is 10,000 pounds.)
  - b. If in a container with flammable hydrocarbons (flash point < 73<sup>0</sup> F).
- <sup>8</sup> The exemption in CCR §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.