


<p>July 1, 2010</p>	<p align="center">SANTA ROSA FIRE DEPARTMENT FIRE PREVENTION BUREAU STANDARD</p>
	<p align="center">CALARP</p>

PURPOSE

This document is provided to assist you with understanding the California Accidental Release Prevention Program. If you are the owner or operator of a *stationary source*, this document provides guidance to help you determine if your processes are subject to the CalARP regulations and how to comply with these regulations. This document does not substitute for the CalARP regulations, nor is it a regulation itself. Thus, this document cannot impose legally binding requirements and may not apply to a particular situation based upon the circumstances. However, the Health and Safety Code requires each stationary source to work closely with the administering agency (Santa Rosa Fire Department) in determining an appropriate level of detail for the Risk Management Plan which may be required (RMP).

This CalARP Guidance only addresses the specific requirements for the CalARP Program and is intended to provide “General Guidance” for Risk Management Programs.

CODE REFERENCES

Compliance Guidance Document for California Accidental Release Prevention Program
 Health and Safety Code Ch. 6.5, Article 2
 Title 19 CCR 2770.5
 40 CFR part 355

PERMIT(S) REQUIRED

Annual CUPA CAL ARP operating permit

ATTACHMENTS

- 1) Plan Review Checklist
- 2) Inspection Checklist

REQUIRED INSPECTIONS

Annually CalARP facilities are inspected to determine code compliance. Inspections are scheduled and conducted by a Santa Rosa Fire Department with the owner of the regulated facility. Inspections may include the entire facility or may be exclusively for the purpose of inspecting the regulated material.

The California Health and Safety Code States CalARP reporting applies to any stationary source with one or more covered processes. The Santa Rosa Fire Department (CUPA) makes the determination as to whether the facility meets the definition and if there is a significant likelihood that the use of regulated substances may pose an accident risk. If a regulated substance is determined to pose significant risk, the stationary source must submit a Risk Management Plan (RMP) and meet the requirements of the program.

HOW TO DETERMINE THRESHOLD QUANTITIES & THRESHOLD PLANNING QUANTITIES

A *regulated substance* is a substance listed in Section 2770.5 of Title 19 of the California Code of Regulations (CCR). An *extremely hazardous substance* is a substance listed in Appendix A of Part 355 of Subchapter J of Title 40 of the Code of Federal Regulations. A *regulated substance* has a Threshold Quantity (TQ). An *extremely hazardous substance* has a Threshold Planning Quantity (TPQ).

The list of *regulated substances* in Section 2770.5 of Title 19 CCR is used to determine the need to comply with the California Accidental Release Program (CalARP). The list of *regulated substances* comprises three tables. Table 1 and 2 are used to determine compliance with the federal and state requirements of CalARP. Table 3 is used to determine compliance with the state only requirements of CalARP. (**Note:** Some *regulated substances* appear on both Table 1 and Table 3. This is because the state requirements designated lower thresholds for some toxic *regulated substances* than the thresholds established in federal regulations.)

The list of *extremely hazardous substances* in Appendix A of Part 355 of Subchapter J of Title 40 CFR is used to determine the need to comply with the federal Emergency Planning Community Right-to-Know Act (EPCRA). In addition, facilities have a general duty under Section 112 (r) (1) of the federal Clean Air Act Amendments to prevent and mitigate the consequences of extremely hazardous substances.

The following listing shows the Threshold Quantity (TQ) for reporting the California Regulated Substances (CA RS) and the Federal Regulated Substances (Fed RS) as well as the Threshold Planning Quantity (TPQ) for reporting the Federal Extremely Hazardous Substances (Fed EHS) as found in Title 19 CCR Sec 2770.

To determine if a chemical is considered as a **Fed EHS** and needs to be reported, review the listing of chemical under the Fed EHS column. If the chemical TPQ would meet the Fed EHS reporting levels, then this would also have to be reported by Federal requirements.

For regulated "chemical mixtures" please refer to Title 19 CCR 2770.5 For a toxic substance only the portion of the mixture that is actually the regulated substance counts towards the threshold quantity.

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CAS NUMBER	CHEMICAL NAME	CA REG SUBS TQ (LBS) * TABLE 3	FEDERAL REG SUBS TQ (LBS) * TABLE 1 & 2	FEDERAL EHS TPQ (LBS) *	FOOT NOTES
75-07-0	ACETALDEHYDE		10,000		G
108-05-4	ACETIC ACID ETHENYL ESTER	1,000	15,000	1,000	
75-86-5	ACETONE CYANOHYDRIN			1,000	
1752-30-3	ACETONE THIOSEMICARBAZIDE	1,000/10,000		1,000/10,000	
74-86-2	ACETYLENE (ETHYNE)		10,000		F
107-02-8	ACROLEIN	500	5,000	500	B
79-06-1	ACRYLAMIDE	1,000/10,000		1,000/10,000	
107-13-1	ACRYLONITRILE	10,000	20,000	10,000	B
814-68-6	ACRYLYL CHLORIDE	100	5,000	100	B
111-69-3	ADIPONITRILE			1,000	
116-06-3	ALDICARB	100/10,000		100/10,000	
309-00-2	ALDRIN	500/10,000		500/10,000	
107-18-6	ALLYL ALCOHOL	1,000	15,000	1,000	B
107-11-9	ALLYLAMINE	500	10,000	500	B
20859-73-8	ALUMINUM PHOSPHIDE	500		500	
2763-96-4	5-(AMINOMETHYL)-3-ISOXAZOLOL	500/10,000		500/10,000	
54-62-6	AMINOPTERIN	500/10,000		500/10,000	
504-24-5	4-AMINOPYRIDINE	500/10,000		500/10,000	
78-53-5	AMITON			500	
3734-97-2	AMITON OXALATE	100/10,000		100/10,000	
7664-41-7	AMMONIA	500	10,000	500	A B
7664-41-7	AMMONIA (ANHYDROUS)	500	10,000	500	A B
7664-41-7	AMMONIA (CONC >= 20%)		20,000	500	A B
300-62-9	AMPHETAMINE			1,000	
62-53-3	ANILINE	1,000		1,000	
88-05-1	ANILINE, 2,4,6-TRIMETHYL-			500	
7783-70-2	ANTIMONY PENTAFLUORIDE			500	
1397-94-0	ANTIMYCIN A	1,000/10,000		1,000/10,000	
86-88-4	ANTU	500/10,000		500/10,000	
1303-28-2	ARSENIC PENTOXIDE	100/10,000		100/10,000	
1327-53-3	ARSENIC TRIOXIDE	100/10,000		100/10,000	
1327-53-3	ARSENOUS OXIDE	100/10,000		100/10,000	
7784-34-1	ARSENOUS TRICHLORIDE	500	15,000	500	B
7784-42-1	ARSINE (ARSENIC HYDRIDE)	100	1,000	100	B
2642-71-9	AZINPHOS-ETHYL	100/10,000		100/10,000	
86-50-0	AZINPHOS-METHYL	10/10,000		10/10,000	
151-56-4	AZIRIDINE	500	10,000	500	
75-55-8	AZIRIDINE, 2-METHYL	10,000	10,000	10,000	
98-87-3	BENZAL CHLORIDE			500	
98-16-8	BENZENAMINE, 3-(TRIFLUOROMETHYL)-			500	
100-14-1	BENZENE, 1-(CHLOROMETHYL)-4-NITRO	500/10,000		500/10,000	
91-08-7	BENZENE, 1,3-DIISOCYANATO-2-METHYL-	100	10,000	100	
584-84-9	BENZENE, 2,4-DIISOCYANATO-1-METHYL-	500	10,000	500	
98-05-5	BENZENEARSONIC ACID	10/10,000		10/10,000	
108-98-5	BENZENETHIOL			500	
3615-21-2	BENZIMIDAZOLE, 4,5-DICHLORO-2-(TRIFLUOROMETHYL)-	500/10,000		500/10,000	
98-07-7	BENZOIC TRICHLORIDE	100		100	
98-07-7	BENZOTRICHLORIDE	100		100	
100-44-7	BENZYL CHLORIDE			500	
140-29-4	BENZYL CYANIDE			500	
15271-41-7	BICYCLO [2.2.1] HEPTANE-2-CARBONITRILE, 5-CHLORO-06-(((METHYLAMINO) CARBONYL) OXY) IMINO)-, (1S-(1-ALPHA, 2-BETA, 4-ALPHA, 5-ALPHA, 6E))-	500/10,000		500/10,000	
1464-53-5	2,2'-BIOXIRANE	500		500	
542-88-1	BIS (CHLOROMETHYL) ETHER	100	1,000	100	
111-44-4	BIS (2-CHLOROETHYL) ETHER			10,000	
534-07-6	BIS (CHLOROMETHYL) KETONE	10/10,000		10/10,000	
4044-65-9	BITOSCANATE	500/10,000		500/10,000	
10294-34-5	BORANE, TRICHLORO-	500	5,000	500	B
7637-07-2	BORANE, TRIFLUORO-	500	5,000	500	B
10294-34-5	BORON TRICHLORIDE [Trichloroborane]	500	5,000	500	
7637-07-2	BORON TRIFLUORIDE [Trifluoroborane]	500	5,000	500	
353-42-4	BORON TRIFLUORIDE COMPOUND with METHYL ETHER (1:1)	1,000	15,000	1,000	B
353-42-4	BORON, TRIFLUORO [oxybis [methane]]-, (T-4)-	1,000	15,000	1,000	B
28772-56-7	BROMADIOLONE	100/10,000		100/10,000	
7726-95-6	BROMINE	500	10,000	500	A B
74-83-9	BROMOMETHANE	1,000		1,000	

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598-73-2	BROMOTRIFLUORETHYLENE (ETHENE, BROMOTRIFLUORO-)		10,000		F
106-99-0	1,3-BUTADIENE		10,000		F
106-97-8	BUTANE		10,000		F
4170-30-3	2-BUTENAL	1,000	20,000	1,000	
123-73-9	2-BUTENAL, (E)-	1,000	20,000	1,000	
25167-67-3	BUTENE		10,000		F
106-98-9	1-BUTENE		10,000		F
107-01-7	2-BUTENE		10,000		F
590-18-1	2-BUTENE-CIS		10,000		F
624-64-6	2-BUTENE-TRANS (2-BUTENE, (E))		10,000		F
1306-19-0	CADMIUM OXIDE	100/10,000		100/10,000	
2223-93-0	CADMIUM STEARATE	1,000/10,000		1,000/10,000	
7778-44-1	CALCIUM ARSENATE	500/10,000		500/10,000	
8001-35-2	CAMPHECHLOR	500/10,000		500/10,000	
8001-35-2	CAMPHENE, OCTACHLORO-	500/10,000		500/10,000	
56-25-7	CANTHARIDIN	100/10,000		100/10,000	
51-83-2	CARBACHOL CHLORIDE	500/10,000		500/10,000	
26419-73-8	CARBAMIC ACID, METHYL-, 0-(((2,4-DIMETHYL-1,3-DITHI	100/10,000		100/10,000	
463-58-1	CARBON OXYSULFIDE (CARBON OXIDE SULFIDE (COS))		10,000		F
1563-66-2	CARBOFURAN	10/10,000		10/10,000	
75-15-0	CARBON DISULFIDE	10,000	20,000	10,000	B
75-44-5	CARBONIC DICHLORIDE	10	500	10	
79-22-1	CARBOCHLORIDIC ACID METHYLESTER	500	5,000	500	
108-23-6	CARBOCHLORIDIC ACID, 1-METHYLETHYL ESTER	1,000	15,000	1,000	
109-61-5	CARBOCHLORIDIC ACID, PROPYLESTER	500	15,000	500	
786-19-6	CARBOPHENOTHION			500	
57-74-9	CHLORDANE			1,000	
470-90-6	CHLORFENVINFOS			500	
7782-50-5	CHLORINE	100	2,500	100	A B
10049-04-4	CHLORINE DIOXIDE (CHLORINE OXIDE (ClO2))		1,000		C
7791-21-1	CHLORINE MONOXIDE (CHLORINE OXIDE)		10,000		F
24934-91-6	CHLORMEPHOS			500	
999-81-5	CHLORMEQUAT CHLORIDE	100/10,000		100/10,000	
51-75-2	2-CHLORO-N-(2-CCHLOROETHYL)-N-METHYLETHANAMINE	10		10	
79-11-8	CHLOROACETIC ACID	100/10,000		100/10,000	
107-07-3	CHLOROETHANOL			500	
627-11-2	CHLOROETHYL CHLOROFORMATE			1,000	
67-66-3	CHLOROFORM	10,000	20,000	10,000	B
542-88-1	CHLOROMETHYL ETHER	100	1,000	100	B
107-30-2	CHLOROMETHYL METHYL ETHER	100	5,000	100	B
3691-35-8	CHLOROPHACINONE	100/10,000		100/10,000	
542-76-7	3-CHLOROPROPIONITRILE			1,000	
590-21-6	1-CHLOROPROPYLENE (1-PROPENE, 1-CHLORO-)		10,000		G
557-98-2	2-CHLOROPROPYLENE (1-PROPENE, 2-CHLORO-)		10,000		G
1982-47-4	CHLOROXYURON	500/10,000		500/10,000	
21923-23-9	CHLORTHIOPHOS			500	
10025-73-7	CHROMIC CHLORIDE	1/10,000		1/10,000	
62207-76-5	COBALT, ((2,2'-(1,2-ETHANEDIYLBIS(NITRILOMETHYLIDINE)) BIS(6-FLUOROPHENOLATO)(2-)-N, N', O, O')-	100/10,000		100/10,000	
10210-68-1	COBALT CARBONYL	10/10,000		10/10,000	
64-86-8	COLCHICINE	10/10,000		10/10,000	
56-72-4	COUMAPHOS	100/10,000		100/10,000	
5836-29-3	COUMATETRALYL	500/10,000		500/10,000	
95-48-7	o-CRESOL	1,000/10,000		1,000/10,000	
535-89-7	CRIMIDINE	100/10,000		100/10,000	
123-73-9	CROTONALDEHYDE, (E)-	1,000	20,000	1,000	B
4170-30-3	CROTONALDEHYDE	1,000	20,000	1,000	B
12002-03-8	CUPRIC ACETOARSENITE	500/10,000		500/10,000	
460-19-5	CYANOGEN (ETHANEDINITRILE)		10,000		F
506-68-3	CYANOGEN BROMIDE	500/10,000		500/10,000	
506-77-4	CYANOGEN CHLORIDE		10,000		C
506-78-5	CYANOGEN IODIDE	1,000/10,000		1,000/10,000	
2636-26-2	CYANOPHOS			1,000	
675-14-9	CYANURIC FLUORIDE	100		100	
108-91-8	CYCLOHEXANAMINE	10,000	15,000	10,000	B
58-89-9	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-(1.alpha.,.2.al	1,000/10,000		1,000/10,000	
66-81-9	CYCLOHEXIMIDE	100/10,000		100/10,000	
108-91-8	CYCLOHEXYLAMINE	10,000	15,000	10,000	

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75-19-4	CYCLOPROPANE		10,000		F
17702-41-9	DECABORANE (14)	500/10,000		100/10,000	
8065-48-3	DEMETON			500	
919-86-8	DEMETON-S-METHYL			500	
10311-84-9	DIALIFOR	100/10,000		100/10,000	
19287-45-7	DIBORANE	100	2,500	100	
19287-45-7	DIBORANE (6)	100	2,500	100	B
110-57-6	trans-1,4-DICHLORO-2-BUTENE			500	
110-57-6	trans-1,4-DICHLOROBUTENE			500	
111-44-4	DICHLOROETHYL ETHER			10,000	
542-88-1	DICHLOROMETHYL ETHER	100	1,000	100	
149-74-6	DICHLOROMETHYLPHENYLSILANE			1,000	
696-28-6	DICHLOROPHENYLARSINE	500		500	
4109-96-0	DICHLOROSILANE (SILANE, DICHLORO-)		10,000		F
62-73-7	DICHLORVOS			1,000	
141-66-2	DICROTOPHOS			100	
1464-53-5	DIEPOXYBUTANE	500		500	
814-49-3	DIETHYL CHLOROPHOSPHATE			500	
297-97-2	0,0-DIETHYL 0-PYRAZINYL PHOSPHOROTHIOATE			500	
75-37-6	DIFLUOROETHANE (ETHANE, 1,1-DIFLUORO-)		10,000		F
71-63-6	DIGITOXIN	100/10,000		100/10,000	
2238-07-5	DIGLYCIDYL ETHER			1,000	
20830-75-5	DIGOXIN	10/10,000		10/10,000	
55-91-4	DIISOPROPYLFLUOROPHOSPHATE			100	
115-26-4	DIMEFOX			500	
309-00-2	1,4:5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10-HEXACHL			500/10,000	
60-51-5	DIMETHOATE	500/10,000		500/10,000	
2524-03-0	DIMETHYL CHLOROTHIOPHOSPHATE			500	
2524-03-0	DIMETHYL PHOSPHOROCHLORIDOTHIOATE			500	
77-78-1	DIMETHYL SULFATE	500		500	
99-98-9	DIMETHYL-P-PHENYLENEDIAMINE	10/10,000		10/10,000	
124-40-3	DIMETHYLAMINE (METHANAMINE, N-METHYL-)		10,000		F
75-78-5	DIMETHYLDICHLOROSILANE	500	5,000	500	B
57-14-7	1,1-DIMETHYL HYDRAZINE	1,000	15,000	1,000	B
57-14-7	DIMETHYLHYDRAZINE	1,000	15,000	1,000	B
463-82-1	2,2-DIMETHYLPROPANE (PROPANE, 2,2-DIMETHYL-)		10,000		F
644-64-4	DIMETILAN	500/10,000		500/10,000	
534-52-1	4,6-DINITRO-O-CRESOL	10/10,000		10/10,000	
88-85-7	DINITROBUTYL PHENOL	100/10,000		100/10,000	
534-52-1	DINITROCRESOL	10/10,000		10/10,000	
88-85-7	DINOSEB	100/10,000		100/10,000	
1420-07-1	DIOTERB	500/10,000		500/10,000	
78-34-2	DIOXATHION			500	
82-66-6	DIPHACINONE	10/10,000		10/10,000	
152-16-9	DIPHOSPHORAMIDE, OCTAMETHYL-			100	
298-04-4	DISULFOTON	500		500	
514-73-8	DITHIAZANINE IODIDE	500/10,000		500/10,000	
541-53-7	DITHIOBIURET	100/10,000		100/10,000	
541-53-7	2,4-DITHIOBIURET	100/10,000		100/10,000	
316-42-7	EMETINE, DIHYDROCHLORIDE	1/10,000		1/10,000	
115-29-7	ENDOSULFAN	10/10,000		10/10,000	
2778-04-3	ENDOTHION	500/10,000		500/10,000	
72-20-8	ENDRIN	500/10,000		500/10,000	
106-89-8	EPICHLOROHYDRIN	1,000	20,000	1,000	B
2104-64-5	EPN	100/10,000		100/10,000	
50-14-6	ERGOALCIFEROL	1,000/10,000		1,000/10,000	
379-79-3	ERGOTAMINE TARTRATE	500/10,000		500/10,000	
74-84-0	ETHANE		10,000		F
505-60-2	ETHANE, 1-1'-THIOBIS [2-chloro-	500		500	
107-15-3	1,2-ETHANEDIAMINE	10,000	20,000	10,000	B
79-21-0	ETHANEPEROXOIC ACID	500	10,000	500	
1622-32-8	ETHANESULFONYL CHLORIDE, 2-CHLORO-			500	
16752-77-5	ETHANIMIDOTHIOIC ACID, N-[(methylamino) carbonyl]	500/10,000		500/10,000	
10140-87-1	ETHANOL, 1,2-DICHLORO-, ACETATE			1,000	
563-12-2	ETHION			1,000	
13194-48-4	ETHOPROP			1,000	
13194-48-4	ETHOPROPHOS			1,000	
107-00-6	ETHYL ACETYLENE (1-BUTYNE)		10,000		F
75-00-3	ETHYL CHLORIDE (ETHANE, CHLORO-)		10,000		F
107-12-0	ETHYL CYANIDE	500	10,000	500	
60-29-7	ETHYL ETHER (ETHANE, 1,1'-OXYBIS-)		10,000		G

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75-08-1	ETHYL MERCAPTAN (ETHANEITHIOL)		10,000		G
109-95-5	ETHYL NITRITE (NITROUS ACID, ETHYL ESTER)		10,000		F
75-04-7	ETHYLAMINE (ETHANAMINE)		10,000		F
538-07-8	ETHYLBIS (2-CHLOROETHYL) AMINE			500	
74-85-1	ETHYLENE (ETHENE)		10,000		F
371-62-0	ETHYLENE FLUOROXYDRIN	10		10	
75-21-8	ETHYLENE OXIDE	1,000	10,000	1,000	A B
107-15-3	ETHYLENEDIAMINE	10,000	20,000	10,000	
151-56-4	ETHYLENEIMINE	500	10,000	500	B
542-90-5	ETHYLTHIOCYANATE			10,000	
22224-92-6	FENAMIPHOS	10/10,000		10/10,000	
115-90-2	FENSULFOTHION			500	
4301-50-2	FLUENETIL	100/10,000		100/10,000	
7782-41-4	FLUORINE	500	1,000	500	B
640-19-7	FLUOROACETAMIDE	100/10,000		100/10,000	
144-49-0	FLUOROACETIC ACID	10/10,000		10/10,000	
62-74-8	FLUOROACETIC ACID, SODIUM SALT	10/10,000		10/10,000	
359-06-8	FLUOROACETYL CHLORIDE	10		10	
51-21-8	FLUOROURACIL	500/10,000		500/10,000	
51-21-8	5-FLUOROURACIL	500/10,000		500/10,000	
944-22-9	FONOFOS			500	
50-00-0	FORMALDEHYDE [Formalin]	500	15,000	500	B
50-00-0	FORMALDEHYDE (Solution)	500	15,000	500	B
107-16-4	FORMALDEHYDE CYANOXYDRIN			1,000	
23422-53-9	FORMETHANATE HYDROCHLORIDE	500/10,000		500/10,000	
2540-82-1	FORMOTHION			100	
17702-57-7	FORMPARANATE	100/10,000		100/10,000	
21548-32-3	FOSTHIETAN			500	
3878-19-1	FUBERIDAZOLE	100/10,000		100/10,000	
110-00-9	FURAN	500	5,000	500	B
13450-90-3	GALLIUM TRICHLORIDE	500/10,000		500/10,000	
86-50-0	GUTHION	10/10,000		10/10,000	
58-89-9	HEXACHLOROCYCLOHEXANE [GAMMA ISOMER]	1,000/10,000		1,000/10,000	
77-47-4	HEXACHLOROCYCLOPENTADIENE			100	
4835-11-4	HEXAMETHYLENEDIAMINE, N,N'-DIBUTYL-			500	
302-01-2	HYDRAZINE	1,000	15,000	1,000	B
57-14-7	HYDRAZINE, 1,1-DIMETHYL-	1,000	15,000	1,000	
60-34-4	HYDRAZINE, METHYL-	500	15,000	500	
7647-01-0	HYDROCHLORIC ACIDE (CONC >= 37%)		15,000		D
74-90-8	HYDROCYANIC ACID	100	2,500	100	A B
7664-39-3	HYDROFLUORIC ACID	100	1,000	100	A B
7664-39-3	HYDROFLUORIC ACID (CONC >= 50%)		1,000	100	A B
1333-74-0	HYDROGEN		10,000		F
7647-01-0	HYDROGEN CHLORIDE (ANHYDROUS)	500	5,000	500	A
7647-01-0	HYDROGEN CHLORIDE (GAS ONLY)	500		500	
74-90-8	HYDROGEN CYANIDE	100	2,500	100	
7664-39-3	HYDROGEN FLUORIDE	100	1,000	100	
7664-39-3	HYDROGEN FLUORIDE (ANHYDROUS)	100	1,000	100	
7722-84-1	HYDROGEN PEROXIDE (CONC > 52%)			1,000	
7783-07-5	HYDROGEN SELENIDE	10	500	10	B
7783-06-4	HYDROGEN SULFIDE	500	10,000	500	A B
123-31-9	HYDROQUINONE	500/10,000		500/10,000	
13463-40-6	IRON CARBONYL (Fe(CO)5), (TB-5-11)-	100	2,500	100	B
13463-40-6	IRON, PENTACARBONYL-	100	2,500	100	B
297-78-9	ISOBENZAN	100/10,000		100/10,000	
75-28-5	ISOBUTANE (PROPANE, 2-METHYL)		10,000		F
78-82-0	ISOBUTYRONITRILE	1,000	20,000	1,000	B
102-36-3	ISOCYANIC ACID, 3,4-DICHLOROPHENYL ESTER	500/10,000		500/10,000	
465-73-6	ISODRIN	100/10,000		100/10,000	
55-91-4	ISOFLUORPHATE			100	
78-78-4	ISOPENTANE (BUTANE, 2-METHYL-)		10,000		G
4098-71-9	IPHORONE DIISOCYANATE	100		100	
78-79-5	IPRENE (1,3-BUTADINENE, 2-METHYL-)		10,000		B
75-29-6	IPROPYL CHLORIDE (PROPANE, 2-CHLORO-)		10,000		G
108-23-6	IPROPYL CHLOROFORMATE	1,000	15,000	1,000	B
75-31-0	IPROPYLAMINE (2-PROPANAMINE)		10,000		G
119-38-0	IPROPYLMETHYLPYRAZOLYL DIMETHYLCARBAMATE			500	

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556-61-6	THIOCYANATOMETHANE	500		500	
78-97-7	CTONITRILE			1,000	
21609-90-5	PTOPHOS	500/10,000		500/10,000	
541-25-3	WISITE	10		10	
58-89-9	IDANE	1,000/10,000		1,000/10,000	
7580-67-8	HIUM HYDRIDE	100		100	
109-77-3	LONONITRILE	500/10,000		500/10,000	
12108-13-3	NGANESE, TRICARBONYL THYLCYCLOPENTADIENYL	100		100	
51-75-2	CHLORETHAMINE	10		10	
950-10-7	PHOSFOLAN			500	
2032-65-7	RCAPTODIMETHUR	500/10,000		500/10,000	
1600-27-7	RCURIC ACETATE	500/10,000		500/10,000	
7487-94-7	RCURIC CHLORIDE	500/10,000		500/10,000	
21908-53-2	RCURIC OXIDE	500/10,000		500/10,000	
10476-95-6	THACROLEIN DIACETATE			1,000	
760-93-0	THACRYLIC ANHYDRIDE			500	
126-98-7	THACRYLONITRILE	500	10,000	500	B
920-46-7	THACRYLOYL CHLORIDE	100		100	
30674-80-7	THACRYLOYLOXYETHYL ISOCYANATE	100		100	
10265-92-6	THAMIDOPHOS	100/10,000		100/10,000	
62-75-9	THANAMINE, N-METHYL-N-NITROSO-			1,000	
74-82-8	THANE		10,000		F
107-30-2	THANE, CHLOROMETHOXY-	100	5,000	100	
624-83-9	THANE, ISOCYANATO-	500	10,000	500	
542-88-1	THANE, OXYBIS [chloro-	100	1,000	100	
509-14-8	THANE, TETRANITRO-	500	10,000	500	
67-66-3	THANE, TRICHLORO-	10,000	20,000	10,000	
594-42-3	THANESULFENYL CHLORIDE, TRICHLORO-	500	10,000	500	
558-25-8	THANESULFONYL FLUORIDE	1,000		1,000	
74-93-1	THANETHIOL	500	10,000	500	
57-74-9	METHANOINDAN, 1,2,3,4,5,6,7,8,8-OCTACHLORO-2,3,			1,000	
950-37-8	THIDATHION	500/10,000		500/10,000	
2032-65-7	THIOCARB	500/10,000		500/10,000	
16752-77-5	THOMYL	500/10,000		500/10,000	
151-38-2	THOXYETHYLMERCURIC ACETATE	500/10,000		500/10,000	
74-83-9	THYL BROMIDE	1,000		1,000	
74-87-3	THYL CHLORIDE (METHANE, CHLORO-)		10,000		A
80-63-7	THYL 2-CHLOROACRYLATE	500		500	
79-22-1	THYL CHLOROCARBONATE	500	5,000	500	B
79-22-1	THYL CHLOROFORMATE	500	5,000	500	B
115-10-6	THYL ETHER (METHANE, OXYBIS-)		10,000		F
107-31-3	THYL FORMATE (FORMIC ACIDE, METHYL ESTER)		10,000		G
60-34-4	THYL HYDRAZINE	500	15,000	500	B
624-83-9	THYL ISOCYANATE	500	10,000	500	A B
556-61-6	THYL ISOTHIOCYANATE	500		500	
74-93-1	THYL MERCAPTAN	500	10,000	500	B
298-00-0	THYL PARATHION	100/10,000		100/10,000	
3735-23-7	THYL PHENKAPTON			500	
676-97-1	THYL PHOSPHONIC DICHLORIDE	100		100	
556-64-9	THYL THIOCYANATE	10,000	20,000	10,000	B
78-94-4	THYL VINYL KETONE	10		10	
74-89-5	THYLAMINE (METHANAMINE)		10,000		F
563-46-2	IETHYL-1-BUTENE		10,000		G
563-45-1	IETHYL-1-BUTENE		10,000		F
75-86-5	IETHYLLACTONITRILE			1,000	
502-39-6	THYLMERCURIC DICYANAMIDE	500/10,000		500/10,000	
115-11-7	IETHYLPROPENE (1-PROPENE, 2-METHYL-)		10,000		F
75-79-6	THYLTRICHLOROSILANE	500	5,000	500	B
1129-41-5	TOLCARB	100/10,000		100/10,000	
7786-34-7	VINPHOS			500	
315-18-4	XACARBATE	500/10,000		500/10,000	
50-07-7	MITOMYCIN C	500/10,000		500/10,000	
6923-22-4	MONOCROTOPHOS	10/10,000		10/10,000	
2763-96-4	MUSCIMOL	500/10,000		500/10,000	
505-60-2	MUSTARD GAS	500		500	
86-88-4	1-NAPHTHALENYLTHIOUREA	500/10,000		500/10,000	
13463-39-3	NICKEL CARBONYL	1	1,000	1	B

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54-11-5	NICOTINE			100	
65-30-5	NICOTINE SULFATE	100/10,000		100/10,000	
7697-37-2	NITRIC ACID	1,000		1,000	
7697-37-2	NITRIC ACID (CONC >= 80%)		15,000	1,000	B
10102-43-9	NITRIC OXIDE	100	10,000	100	B
98-95-3	NITROBENZENE	10,000		10,000	
1122-60-7	NITROCYCLOHEXANE			500	
10102-44-0	NITROGEN DIOXIDE	100		100	
51-75-2	NITROGEN MUSTARD	10		10	
10102-43-9	NITROGEN OXIDE (NO)	100	10,000	100	
62-75-9	NITROSODIMETHYLAMINE			1,000	
62-75-9	N-NITROSODIMETHYLAMINE			1,000	
991-42-4	NORBORMIDE	100/10,000		100/10,000	
8014-95-7	OLEUM (FUMING SULFURIC ACID) (SULFURIC ACID, MIXTURE with SULFUR TRIOXIDE)		10,000		I E
630-60-4	OUBAIN	100/10,000		100/10,000	
23135-22-0	OXAMYL	100/10,000		100/10,000	
78-71-7	OXETANE, 3,3-BIS(CHLOROMETHYL)-	500		500	
75-21-8	OXIRANE	1,000	10,000	1,000	
106-89-8	OXIRANE, (CHLOROMETHYL)-	1,000	20,000	1,000	
75-56-9	OXIRANE, METHYL-	10,000	10,000	10,000	
2497-07-6	OXYDISULFOTON			500	
10028-15-6	OZONE	100		100	
1910-42-5	PARAQUAT DICHLORIDE	10/10,000		10/10,000	
2074-50-2	PARAQUAT METHOSULFATE	10/10,000		10/10,000	
56-38-2	PARATHION			10	
298-00-0	PARATHION-METHYL	100/10,000		100/10,000	
12002-03-8	PARIS GREEN	500/10,000		500/10,000	
19624-22-7	PENTABORANE	500		500	
2570-26-5	PENTADECYLAMINE	100/10,000		100/10,000	
504-60-9	1,3-PENTADINENE		10,000		F
109-66-0	PENTANE		10,000		G
109-67-1	1-PENTENE		10,000		G
646-04-8	2-PENTENE, (E)-		10,000		G
627-20-3	2-PENTENE, (Z)-		10,000		G
79-21-0	PERACETIC ACID	500	10,000	500	B
594-42-3	PERCHLOROMETHYL MERCAPTAN	500	10,000	500	B
108-95-2	PHENOL	500/10,000		500/10,000	
4418-66-0	PHENOL, 2,2'-THIOBIS [4-chloro-6-methyl-	100/10,000		100/10,000	
64-00-6	PHENOL, 3-(1-METHYLETHYL)-, METHYL-CARBAMATE	500/10,000		500/10,000	
58-36-6	PHENOXARSINE, 10,10'-OXYDI-	500/10,000		500/10,000	
696-28-6	PHENYL DICHLOROARSINE	500		500	
59-88-1	PHENYLHYDRAZINE HYDROCHLORIDE	1,000/10,000		1,000/10,000	
62-38-4	PHENYLMERCURIC ACETATE	500/10,000		500/10,000	
62-38-4	PHENYLMERCURY ACETATE	500/10,000		500/10,000	
2097-19-0	PHENYLSILATRANE	100/10,000		100/10,000	
103-85-5	PHENYLTHIOUREA	100/10,000		100/10,000	
298-02-2	PHORATE	10		10	
4104-14-7	PHOSACETIM	100/10,000		100/10,000	
947-02-4	PHOSFOLAN	100/10,000		100/10,000	
75-44-5	PHOSGENE	10	500	10	A B
732-11-6	PHOSMET	10/10,000		10/10,000	
13171-21-6	PHOSPHAMIDON			100	
7803-51-2	PHOSPHINE	500	5,000	500	B
2703-13-1	PHOSPHONOTHIOIC ACID, METHYL-, 0-ETHYL 0-(4-METHYL			500	
2665-30-7	PHOSPHONOTHIOIC ACID, METHYL-, 0-(4-NITROPHENYL) 0-			500	
50782-69-9	PHOSPHONOTHIOIC ACID, METHYL-, S-(2-(BIS(1-METHYLET	100		100	
62-73-7	PHOSPHORIC ACID, 2-DICHLOROETHENYL DIMETHYL ESTER			1,000	
3254-63-5	PHOSPHORIC ACID, DIMETHYL 4-(METHYLTHIO) PHENYL ESTER			500	
13194-48-4	PHOSPHORODITHIOIC ACID 0-ETHYL S,S-DIPROPYL ESTER			1,000	
56-38-2	PHOSPHOROTHIOIC ACID, 0,0-DIETHYL-0-(4-NITROPHENYL)			100	
2587-90-8	PHOSPHOROTHIOIC ACID, 0,0-DIMETHYL-5-(2-(METHYLTHIO			500	

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7719-12-2	PHOSPHOROUS TRICHLORIDE	1,000		1,000	
7723-14-0	PHOSPHORUS	100	15,000	100	
7723-14-0	PHOSPHORUS (YELLOW or WHITE)	100		100	
10025-87-3	PHOSPHORUS OXYCHLORID	500	5,000	500	B
10026-13-8	PHOSPHORUS PENTACHLORIDE	500		500	
7719-12-2	PHOSPHORUS TRICHLORIDE	1,000	15,000	1,000	B
10025-87-3	PHOSPHORYL CHLORIDE	500	5,000	500	
57-47-6	PHYSOSTIGMINE	100/10,000		100/10,000	
57-64-7	PHYSOSTIGMINE, SALICYLATE (1:1)	100/10,000		100/10,000	
124-87-8	PICROTOXIN	500/10,000		500/10,000	
110-89-4	PIPERIDINE	1,000	15,000	1,000	B
23505-41-1	PIRIMIFOS-ETHYL			1,000	
75-74-1	PLUMBANE, TETRAMETHYL-	100	10,000	100	
10124-50-2	POTASSIUM ARSENITE	500/10,000		500/10,000	
151-50-8	POTASSIUM CYANIDE	100		100	
506-61-6	POTASSIUM SILVER CYANIDE	500		500	
2631-37-0	PROMECARB	500/10,000		500/10,000	
463-49-0	PROPADIENE (1,2-PROPADIENE)		10,000		F
74-98-6	PROPANE		10,000		F
107-12-0	PROPANENITRILE	500	10,000	500	B
78-82-0	PROPANENITRILE, 2-METHYL-	1,000	20,000	1,000	
106-96-7	PROPARGYL BROMIDE	10		10	
107-11-9	2-PROPEN-1-AMINE	500	10,000	500	
107-18-6	2-PROPEN-1-OL	1,000	15,000	1,000	
107-02-8	2-PROPENAL	500	5,000	500	
107-13-1	2-PROPENENITRILE	10,000	20,000	10,000	
126-98-7	2-PROPENENITRILE, 2-METHYL-	500	10,000	500	
814-68-6	2-PROPENOYL CHLORIDE	100	5,000	100	
57-57-8	beta-PROPIOLACTONE	500		500	
107-12-0	PROPIONITRILE	500	10,000	500	
542-76-7	PROPIONITRILE, 3-CHLORO-			1,000	
70-69-9	PROPIOPHENONE, 4'-AMINO	100/10,000		100/10,000	
109-61-5	PROPYL CHLOROFORMATE	500	15,000	500	B
115-07-1	PROPYLENE (1-PROPENE)		10,000		F
75-56-9	PROPYLENE OXIDE	10,000	10,000	10,000	B
75-55-8	PROPYLENEIMINE	10,000	10,000	10,000	B
74-99-7	PROPYNE (1-PROPYNE)		10,000		F
2275-18-5	PROTHOATE	100/10,000		100/10,000	
129-00-0	PYRENE	1,000/10,000		1,000/10,000	
140-76-1	PYRIDINE, 2-METHYL-5-VINYL-				
54-11-5	PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-			100	
504-24-5	PYRIDINE, 4-AMINO-	500/10,000		500/10,000	
1124-33-0	PYRIDINE, 4-NITRO-, 1-OXIDE	500/10,000		500/10,000	
53558-25-1	PYRIMINIL	100/10,000		100/10,000	
14167-18-1	SALCOMINE	500/10,000		500/10,000	
107-44-8	SARIN	10		10	
7783-00-8	SELENIUS ACID	1,000/10,000		1,000/10,000	
7791-23-3	SELENIUM OXYCHLORIDE			500	
563-41-7	SEMICARBAZIDE HYDROCHLORIDE	1,000/10,000		1,000/10,000	
7803-62-5	SILANE		10,000		F
3037-72-7	SILANE, (4-AMINOBUTYL) DIETHOXYMETHYL-			1,000	
75-77-4	SILANE, CHLOROTRIMETHYL-	1,000	10,000	1,000	
75-78-5	SILANE, DICHLORODIMETHYL-	500	5,000	500	
75-79-6	SILANE, TRICHLOROMETHYL-	500	5,000	500	
7631-89-2	SODIUM ARSENATE	1,000/10,000		1,000/10,000	
7784-46-5	SODIUM ARSENITE	500/10,000		500/10,000	
26628-22-8	SODIUM AZIDE (Na(N3))	500		500	
124-65-2	SODIUM CACODYLATE	100/10,000		100/10,000	
143-33-9	SODIUM CYANIDE (Na(CN))	100		100	
62-74-8	SODIUM FLUOROACETATE	10/10,000		10/10,000	
13410-01-0	SODIUM SELENATE	100/10,000		100/10,000	
10102-18-8	SODIUM SELENITE	100/10,000		100/10,000	
10102-20-2	SODIUM TELLURITE	500/10,000		500/10,000	
900-95-8	STANNANE, ACETOXYTRIPHENYL-	500/10,000		500/10,000	
57-24-9	STRYCHNINE	100/10,000		100/10,000	
60-41-3	STRYCHNINE, SULFATE	100/10,000		100/10,000	
3689-24-5	SULFOTEP			500	
3569-57-1	SULFOXIDE, 3-CHLOROPROPYL OCTYL			500	
7446-09-5	SULFUR DIOXIDE	500	5,000	500	A B
7446-09-5	SULFUR DIOXIDE (ANHYDROUS)	500	5,000	500	A B

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7783-60-0	SULFUR FLUORIDE (SF4), (T-4)-	100	2,500	100	B
7783-60-0	SULFUR TETRAFLUORIDE	100	2,500	100	B
7446-11-9	SULFUR TRIOXIDE	100	10,000	100	A B
7664-93-9	SULFURIC ACID	1,000		1,000	
7664-93-9	SULFURIC ACID (AEROSOL FORMS ONLY)			1,000	
8014-95-7	SULFURIC ACID, FUMING (OLEUM) (SULFURIC ACID, MIXTURE with SULFUR TRIOXIDE)	100	10,000		1 E
77-81-6	TABUN	10		10	
7783-80-4	TELLURIUM HEXAFLUORIDE	100		100	
107-49-3	TEPP			100	
13071-79-9	TERBUFOS			100	
78-00-2	TETRAETHYL LEAD			100	
107-49-3	TETRAETHYL PYROPHOSPHATE			100	
3689-24-5	TETRAETHYLDITHIOPYROPHOSPHATE			500	
597-64-8	TETRAETHYLTIN			100	
116-14-3	TETRAFLUOROETHYLENE (ETHENE, TETRAFLURO-)		10,000		F
75-74-1	TETRAMETHYLLEAD	100	10,000	100	B
75-76-3	TETRAMETHYLSILANE (SILANE, TETRAMETHYL-)		10,000		G
509-14-8	TETRANITROMETHANE	500	10,000	500	B
6533-73-9	THALLIUM (I) CARBONATE	100/10,000		100/10,000	
7791-12-0	THALLIUM CHLORIDE TICI	100/10,000		100/10,000	
10031-59-1	THALLIUM SULFATE	100/10,000		100/10,000	
7446-18-6	THALLIUM (I) SULFATE	100/10,000		100/10,000	
6533-73-9	THALLOUS CARBONATE	100/10,000		100/10,000	
7791-12-0	THALLOUS CHLORIDE	100/10,000		100/10,000	
2757-18-8	THALLOUS MALONATE	100/10,000		100/10,000	
7446-18-6	THALLOUS SULFATE	100/10,000		100/10,000	
2231-57-4	THIOCARBAZIDE	1,000/10,000		1,000/10,000	
556-64-9	THIOCYANIC ACID, METHYL ESTER	10,000	20,000	10,000	
39196-18-4	THIOFANOX	100/10,000		100/10,000	
74-93-1	THIOMETHANOL	500	10,000	500	
297-97-2	THIONAZIN			500	
108-98-5	THIOPHENOL			500	
79-19-6	THIOSEMICARBAZIDE	100/10,000		100/10,000	
86-88-4	THIOUREA, 1-NAPHTHALENYL-	500/10,000		500/10,000	
5344-82-1	THIOUREA, (2-CHLOROPHENYL)-	100/10,000		100/10,000	
614-78-8	THIOUREA, (2-METHYLPHENYL)-	500/10,000		500/10,000	
7550-45-0	TITANIUM CHLORIDE (TiCl4) (T-4)-	100	2,500	100	B
7550-45-0	TITANIUM TETRACHLORIDE	100	2,500	100	B
26471-62-5	TOLUENE DIISOCYANATE (unspecified isomer) (BENZENE, 1,3-DIISOCYANATOMETHYL-)		10,000		1 A
584-84-9	TOLUENE-2,4-DIISOCYANATE	500	10,000	500	1 A
91-08-7	TOLUENE-2,6-DIISOCYANATE	100	10,000	100	1 A
8001-35-2	TOXAPHENE	500/10,000		500/10,000	
1031-47-6	TRIAMIPHOS	500/10,000		500/10,000	
24017-47-8	TRIAZOFOS			500	
1558-25-4	TRICHLORO (CHLOROMETHYL)SILANE	100		100	
27137-85-5	TRICHLORO (DICHLOROPHENYL)SILANE	500		500	
76-02-8	TRICHLOROACETYL CHLORIDE			500	
115-21-9	TRICHLOROETHYLSILANE			500	
594-42-3	TRICHLOROMETHANESULFENYL CHLORIDE	500	10,000	500	
327-98-0	TRICHLORONATE	500		500	
98-13-5	TRICHLOROPHENYLSILANE			500	
10025-78-2	TRICHLOROSILANE (SILANE, TRICHLORO-)		10,000		G
998-30-1	TRIETHOXSILANE	500		500	
79-38-9	TRIFLUOROCHLOROETHYLENE (ETHENE, CHLOROTRIFLUORO-)		10,000		F
75-50-3	TRIMETHYLAMINE (METHANAMINE, N,N-DIMETHYL-)		10,000		F
75-77-4	TRIMETHYLCHLOROSILANE	1,000	10,000	1,000	B
824-11-3	TRIMETHYLOLPROPANE PHOSPHITE	100/10,000		100/10,000	
1066-45-1	TRIMETHYLTIN CHLORIDE	500/10,000		500/10,000	
639-58-7	TRIPHENYLTIN CHLORIDE	500/10,000		500/10,000	
555-77-1	TRIS (2-CHLOROETHYL)AMINE	100		100	
2001-95-8	VALINOMYCIN	1,000/10,000		1,000/10,000	
1314-62-1	VANADIUM PENTOXIDE	100/10,000		100/10,000	
108-05-4	VINYL ACETATE	1,000	15,000	1,000	B
108-05-4	VINYL ACETATE MONOMER	1,000	15,000	1,000	B
689-97-4	VINYL ACETYLENE (1-BUTEN-3-YNE)		10,000		F
75-01-4	VINYL CHLORIDE (ETHENE, CHLORO-)		10,000		A F

Standard
Cal ARP

CAS NUMBER	CHEMICAL NAME	CA REG SUBS TQ (LBS) * <small>TABLE 3</small>	FEDERAL REG SUBS TQ (LBS) * <small>TABLE 1 & 2</small>	FEDERAL EHS TPQ (LBS) *	FOOT NOTES
109-92-2	VINYL ETHYL ETHER (ETHENE, ETHOXY-)		10,000		G
75-02-5	VINYL FLUORIDE (ETHENE, FLUORO-)		10,000		F
107-25-5	VINYL METHYL ETHER (ETHENE, METHOXY-)		10,000		F
75-35-4	VINYLDENE CHLORIDE (ETHENE, 1,1-DICHLORO-)		10,000		G
75-38-7	VINYLDENE FLUORIDE (ETHENE, 1,1-DIFLUORO-)		10,000		F
81-81-2	WARFARIN	500/10,000		500/10,000	
129-06-6	WARFARIN SODIUM	100/10,000		100/10,000	
28347-13-9	XYLYLENE DICHLORIDE	100/10,000		100/10,000	
58270-08-9	ZINC, DICHLORO (4,4-DIMETHYL-5(((METHYLAMINO)CARBONYL) OXY) IMINO) PENTANENITRILE)-, (T-4)-	100/10,000		100/10,000	
1314-84-7	ZINC PHOSPHIDE	500		500	
1314-84-7	ZINC PHOSPHIDE (CONC <= 10%)			500	
1314-84-7	ZINC PHOSPHIDE (CONC > 10%)			500	
***	ORGANORHODIUM COMPLEX (PMN-82-147) *** This chemical was identified from a Premanufacture Review Notice (PMN) submitted to EPA. The submitter has claimed certain information on the submission to be confidential, including specific chemical identity.	10/10,000		10/10,000	

Foot Note Description

- A Mandated for listing by Congress.
- B On EHS list, vapor pressure 10 mmHg or greater.
- C Toxic gas.
- D Toxicity of hydrogen chloride, potential to release hydrogen chloride, and history of accidents.
- E Toxicity of sulfur trioxide and sulfuric acid, potential to release sulfur trioxide, and history of accidents.
- F Flammable gas.
- G Volatile flammable liquid.

TQ= Threshold Quantity

TPQ = Threshold Planning Quantity

*= Quantities listed with two amounts are solid regulated substances. The less 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 has an NFPA rating for reactive of 2, 3, or 4.