



ACCIDENTAL RELEASE PREVENTION REQUIREMENTS

RMP established thresholds

Regulated Toxic Chemicals (CAS Numbers) with Thresholds (alphabetical order)

Chemical	CAS	Threshold
Acrolein	(107-02-8)	5,000
Acrylonitrile	(107-13-1)	20,000
Acrylyl chloride	(814-68-6)	5,000
Allyl alcohol	(107-18-6)	15,000
Allylamine	(107-11-9)	10,000
Ammonia (<i>anhydrous</i>)	(7664-41-7)	10,000
Ammonia <i>conc. 20% or greater</i>	(7664-41-7)	20,000
Arsenous trichloride	(7784-34-1)	15,000
Arsine	(7784-42-1)	1,000
Boron trichloride	(10294-34-5)	5,000
Boron trifluoride	(7637-07-2)	5,000
Boron trifluoride compound with methyl ether	(353-42-4)	15,000
Bromine	(7726-95-6)	10,000
Carbon disulfide	(75-15-0)	20,000
Chlorine	(7782-50-5)	2,500
Chlorine dioxide	(10049-04-4)	1,000
Chloroform	(67-66-3)	20,000
Chloromethyl ether	(542-88-1)	1,000
Chloromethyl methyl ether	(107-30-2)	5,000
Crotonaldehyde	(4170-30-3)	20,000
Crotonaldehyde, (E)	(123-73-9)	20,000
Cyanogen chloride	(506-77-4)	10,000
Cyclohexylamine	(108-91-8)	15,000
Diborane	(19287-45-7)	2,500
Dimethyldichlorosilane	(75-78-5)	5,000
1,1-Dimethylhydrazine	(57-14-7)	15,000
Epichlorohydrin	(106-89-8)	20,000
Ethylenediamine	(107-15-3)	20,000
Ethyleneimine	(151-56-4)	10,000
Ethylene oxide	(75-21-8)	10,000
Fluorine	(7782-41-4)	1,000
Formaldehyde <i>solution</i>	(50-00-0)	15,000


Furan	(110-00-9)	5,000
Hydrazine	(302-01-2)	15,000
Hydrochloric acid (<i>conc 37% or greater</i>)	(7647-01-0)	15,000
Hydrocyanic acid	(74-90-8)	2,500
Hydrogen chloride (<i>anhydrous</i>)	(7647-01-0)	5,000
Hydrogen fluoride/hydrofluoric acid (<i>conc 50% or greater</i>)		1,000
Hydrogen selenide	(7783-07-5)	500
Hydrogen sulfide	(7783-06-4)	10,000
Iron, pentacarbonyl	(13463-40-6)	2,500
Isobutyronitrile	(78-82-0)	20,000
Isopropyl chloroformate	(108-23-6)	15,000
Methacrylonitrile	(126-98-7)	10,000
Methyl chloride	(74-87-3)	10,000
Methyl chloroformate	(79-22-1)	5,000
Methyl hydrazine	(60-34-4)	15,000
Methyl isocyanate	(624-83-9)	10,000
Methyl mercaptan	(74-93-1)	10,000
Methyl thiocyanate	(556-64-9)	20,000
Methyltrichlorosilane	(75-79-6)	5,000
Nickel carbonyl	(13463-39-3)	1,000
Nitric acid (<i>conc. 80% or greater</i>)	(7697-37-2)	15,000
Nitric oxide	(10102-43-9)	10,000
Oleum	(8014-95-7)	10,000
Peracetic acid	(79-21-0)	10,000
Perchloromethylmercaptan	(594-42-3)	10,000
Phosgen	(75-44-5)	500
Phosphine	(7803-51-2)	5,000
Phosphorous oxychloride	(10025-87-3)	5,000
Phosphorus trichloride	(7719-12-2)	15,000
Piperidine	(110-89-4)	15,000
Propionitrile	(107-12-0)	10,000
Propyl chloroformate	(109-61-5)	15,000
Propyleneimine	(75-55-8)	10,000
Propylene oxide	(75-56-9)	10,000
Sulfur dioxide (<i>anhydrous</i>)	(7446-09-5)	5,000
Sulfur tetrafluoride	(7783-60-0)	2,500
Sulfur trioxide	(7446-11-9)	10,000
Tetramethyllead	(75-74-1)	10,000
Tetranitromethane	(509-14-8)	10,000
Toluene 2,4-diisocyanate	(584-84-9)	10,000

Toluene 2,6-diisocyanate	(91-08-7)	10,000
Toluene diisocyanate (<i>unspecified isomer</i>)	(26471-62-5)	10,000
Trimethylchlorosilane	(75-77-4)	10,000
Vinyl acetate monomer	(108-05-04)	15,000

Regulated Flammable Substances (CAS Numbers)
All Thresholds = 10,000 pounds

Chemical	CAS
Acetaldehyde	(75-07-0)
Acetylene	(74-86-2)
Bromotrifluorethylene	(598-73-2)
1,3-Butadiene	(106-99-0)
Butane	(106-97-8)
1-Butene	(106-98-9)
2-Butene	(107-01-7)
Butene	(25167-67-3)
2-Butene-cis	(590-18-1)
1-Butene-trans	(624-64-6)
Carbon oxysulfide	(463-58-1)
Chlorine monoxide	(7791-21-1)
2-Chloropropylene	(557-98-2)
1-Chloropropylene	(590-21-6)
Cyanogen	(460-19-5)
Cyclopropane	(75-19-4)
Dichlorosilane	(4109-96-0)
Difluoroethane	(75-37-6)
Dimethylamine	(124-40-3)
2,2-Dimethylpropane	(463-82-1)
Ethane	(74-84-0)
Ethyl acetylene	(107-00-6)
Ethylamine	(75-04-7)
Ethyl chloride	(75-00-3)
Ethylene	(74-85-1)
Ethyl ether	(60-29-7)
Ethyl mercaptan	(75-08-1)
Ethyl nitrite	(109-95-5)

Hydrogen	(1333-74-0)
Isobutane	(75-28-5)
Isopentane	(78-78-4)
Isoprene	(78-79-5)
Isopropylamine	(75-31-0)
Isopropyl chloride	(75-29-6)
Methane	(74-82-8)
Methylamine	(74-89-5)
3-Methyl-1-butene	(563-45-1)
2-Methyl-1-butene	(563-46-2)
Methyl ether	(115-10-6)
Methyl formate	(107-31-3)
2-Methylpropene	(115-11-7)
1,3-Pentadiene	(504-60-9)
Pentane	(109-66-0)
1-Pentene	(109-67-1)
2-Pentene, (E)	(646-04-8)
2-Pentene, (Z)	(627-20-3)
Propadiene	(463-49-0)
Propane	(74-98-6)
Propylene	(115-07-1)
Propyne	(74-99-7)
Silane	(7803-62-5)
Tetrafluoroethylene	(116-14-3)
Tetramethylsilane	(75-76-3)
Trichlorosilane	(10025-78-2)
Trifluorochloroethylene	(79-38-9)
Trimethylamine	(75-50-3)
Vinyl acetylene	(689-97-4)
Vinyl chloride	(75-01-4)
Vinyl ethyl ether	(109-92-2)
Vinyl fluoride	(75-02-5)
Vinylidene chloride	(75-35-4)
Vinylidene fluoride	(75-38-7)
Vinyl methyl ether	(107-25-5)

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