

Regulated Substance	CAS #	TQ
Phosphorous trichloride	7719-12-2	15,000
Phosphorus oxychloride	10025-87-3	5,000
Phosphoryl chloride	10025-87-3	5,000
Piperidine	110-89-4	15,000
Plumbane, tetramethyl-	75-74-1	10,000
Propadiene	463-49-0	10,000
Propane	74-98-6	10,000
Propane, 2,2-dimethyl-	463-82-1	10,000
Propane, 2-chloro-	75-29-6	10,000
Propane, 2-methyl	75-28-5	10,000
Propanenitrile	107-12-0	10,000
Propanenitrile, 2-methyl-	78-82-0	20,000
Propene	115-07-1	10,000
Propionitrile	107-12-0	10,000
Propyl chloroformate	109-61-5	15,000
Propylene	115-07-1	10,000
Propylene oxide	75-56-9	10,000
Propyleneimine	75-55-8	10,000
Propyne	74-99-7	10,000
Silane	7803-62-5	10,000
Silane, chlorotrimethyl-	75-77-4	10,000
Silane, dichloro-	4109-96-0	10,000
Silane, dichlorodimethyl-	75-78-5	5,000
Silane, tetramethyl-	75-76-3	10,000
Silane, trichloro-	10025-78-2	10,000
Silane, trichloromethyl-	75-79-6	5,000
Sulfur dioxide (anhydrous)	7446-09-5	5,000
Sulfur fluoride (SF ₄), (T-4)-	7783-60-0	2,500
Sulfur tetrafluoride	7783-60-0	2,500
Sulfur trioxide	7446-11-9	10,000
Sulfuric acid (fuming)	8014-95-7	10,000
Sulfuric acid, mixture with sulfur trioxide	8014-95-7	10,000
Tetrafluoroethylene	116-14-3	10,000
Tetramethyllead	75-74-1	10,000
Tetramethylsilane	75-76-3	10,000
Tetranitromethane	509-14-8	10,000
Thiocyanic acid, methyl ester	556-64-9	20,000
Thiomethanol	74-93-1	10,000
Titanium chloride (TiCl ₄) (T-4)-	7550-45-0	2,500
Titanium tetrachloride	7550-45-0	2,500
Toluene diisocyanate (unspecified isomer)	26471-62-5	10,000
Toluene-2,4-diisocyanate	584-84-9	10,000
Toluene-2,6-diisocyanate	91-08-7	10,000
Toluenediisocyanate (mixed isomers)	26471-62-5	10,000
Trichloromethanesulfenyl chloride	594-42-3	10,000
Trichlorosilane	10025-78-2	10,000
Trifluorochloroethylene	79-38-9	10,000
Trimethylamine	75-50-3	10,000
Trimethylchlorosilane	75-77-4	10,000
Vinyl acetate	108-05-4	15,000
Vinyl acetate monomer	108-05-4	15,000
Vinyl acetylene	689-97-4	10,000
Vinyl chloride	75-01-4	10,000
Vinyl ethyl ether	109-92-2	10,000
Vinyl fluoride	75-02-5	10,000
Vinyl methyl ether	107-25-5	10,000
Vinylidene chloride	75-35-4	10,000
Vinylidene fluoride	75-38-7	10,000

For More Information

Contact the South Carolina Department of Health and Environmental Control, Bureau of Air Quality at (803) 898-4123.
<http://www.state.sc.us/dhec/eqc/baq/>

Contact the Emergency Planning and Community Right-to-Know Hotline at (800) 424-9346 or (703) 412-9810.

Visit the 112(r) Chemical Emergency Preparedness and Prevention Office (CEPPO) Home Page at
<http://www.epa.gov/swercepp/acc-pre.html>.

Available Information

Electronic Submission Package
 Press Releases
 Fact Sheets
 Training Modules
 Legislation
 Regulations
 The List Rule
 The Risk Management Plan Rule
 Question & Answer Database
 Guidance Documents
 One-Plan Guidance [(from the National Response Team (NRT))]
 RMP Data Elements & Definitions
 Off-Site Consequence Analysis
 Program Guidance/Model Plans
 Ammonia Refrigeration
 Waste Water Treatment



Is your facility subject to the Accidental Release Prevention Requirements [Section 112(r)] of the Clean Air Act?

The Environmental Protection Agency (EPA) recently published the "List Rule" and "Risk Management Plan" rule.

This flyer can help you determine if you must comply with the accidental release prevention requirements of the Clean Air Act.

If your facility has more than the threshold quantity (TQ) of a 112(r) listed "regulated substance" in a single process, then you must develop and implement a risk management program as specified by the rule. In terms of the regulation, "process" means manufacturing, storing, distributing, handling, or using a regulated substance in any way. All flammable substances used as fuel at any facility or held for sale as fuel at a retail facility are exempt from these requirements.

Facilities subject to the rule must conduct a hazard assessment, compile a 5-year accident history, develop an accident prevention program, develop an emergency response program, and submit risk management information to EPA prior to the compliance date.

The compliance deadline for existing facilities was June 21, 1999. New processes (after June 21, 1999) must be in compliance no later than the date on which a regulated substance is first present above the threshold quantity.

This flyer lists the chemicals [with Chemical Abstract Service (CAS) number and threshold quantity in pounds] which are regulated under accidental release prevention requirements of the Clean Air Act.

<u>Regulated Substance</u>	<u>CAS #</u>	<u>TQ</u>
1,1-Dichloroethylene	75-35-4	10,000
1,1-Dimethyl hydrazine	57-14-7	15,000
1,2-Ethanediamine	107-15-3	20,000
1,2-Propadiene	463-49-0	10,000
1,3-Butadiene	106-99-0	10,000
1,3-Butadiene, 2-methyl-	78-79-5	10,000
1,3-Pentadiene	504-60-9	10,000
1-Buten-3-yne	689-97-4	10,000
1-Butene	106-98-9	10,000
1-Butyne	107-00-6	10,000
1-Chloropropylene	590-21-6	10,000
1-Pentene	109-67-1	10,000
1-Propene	115-07-1	10,000
1-Propene, 1-chloro-	190-21-6	10,000
1-Propene, 2-chloro-	557-98-2	10,000
1-Propene, 2-methyl-	115-11-7	10,000
1-Propyne	74-99-7	10,000
2,2-Dimethylpropane	463-82-1	10,000
2-Butenal	4170-30-3	20,000
2-Butenal, (e)-	123-73-9	20,000
2-Butene	107-01-7	10,000
2-Butene, (E)	624-64-6	10,000
2-Butene-cis	590-18-1	10,000
2-Butene-trans	624-64-6	10,000
2-Chloropropylene	557-98-2	10,000
2-Methyl-1-butene	563-46-2	10,000
2-Methylpropene	115-11-7	10,000
2-Pentene, (E)-	646-04-8	10,000
2-Pentene, (Z)-	627-20-3	10,000
2-Propanamine	75-31-0	10,000
2-Propen-1-amine	107-11-9	10,000
2-Propen-1-ol	107-18-6	15,000
2-Propenal	107-02-8	5,000
2-Propenenitrile	107-13-1	20,000
2-Propenenitrile, 2-methyl-	126-98-7	10,000
2-Propenoyl chloride	814-68-6	5,000
3-Methyl-1-butene	563-45-1	10,000
Acetaldehyde	75-07-0	10,000
Acetic acid ethenyl ester	108-05-4	15,000
Acetylene	74-86-2	10,000
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 (anhydrous)	7664-41-7	10,000
Ammonia (conc 20% or greater)	7664-41-7	20,000
Arsenous trichloride	7784-34-1	15,000
Arsine	7784-42-1	1,000
Aziridine	151-56-4	10,000
Aziridine, 2-methyl	75-55-8	10,000
Benzene, 1,3-diisocyanato		
-2-methyl-	91-08-7	10,000
Benzene, 1,3-diisocyanatomethyl-	26471-62-5	10,000
Benzene, 2,4-diisocyanato		
-1-methyl-	584-84-9	10,000
Bis(chloromethyl) ether	542-88-1	1,000
Borane, trichloro-	10294-34-5	5,000
Borane, trifluoro-	7637-07-2	5,000
Boron trichloride	10294-34-5	5,000
Boron trifluoride	7637-07-2	5,000
Boron trifluoride compound		
with methyl ether (1:1)	353-42-4	15,000
Boron, trifluoro[oxymethylmethane]]		
-, (T-4)-	353-42-4	15,000
Bromine	7726-95-6	10,000
Bromotrifluoroethylene	598-73-2	10,000
Butane	106-97-8	10,000
Butane, 2-methyl-	78-78-4	10,000

<u>Regulated Substance</u>	<u>CAS #</u>	<u>TQ</u>
Butene	25167-67-3	10,000
Carbon disulfide	75-15-0	20,000
Carbon oxide sulfide (COS)	463-58-1	10,000
Carbonic dichloride	75-44-5	500
Carbonochloridic acid,		
1-methylethyl ester	108-23-6	15,000
Carbonochloridic acid,		
methylester	79-22-1	5,000
Carbonochloridic acid,		
propylester	109-61-5	15,000
Carbonyl sulfide	463-58-1	10,000
Chlorine	7782-50-5	2,500
Chlorine dioxide	10049-04-4	1,000
Chlorine monoxide	7791-21-1	10,000
Chlorine oxide	7791-21-1	10,000
Chlorine oxide (ClO2)	10049-04-4	1,000
Chloroethane	75-00-3	10,000
Chloroform	67-66-3	20,000
Chloromethane	74-87-3	10,000
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	460-19-5	10,000
Cyanogen chloride	506-77-4	10,000
Cyanogen chloride ((CN)Cl)	506-77-4	10,000
Cyclohexanamine	108-91-8	15,000
Cyclohexylamine	108-91-8	15,000
Cyclopropane	75-19-4	10,000
Diborane	19287-45-7	2,500
Diborane(6)	19287-45-7	2,500
Dichloromethyl ether	542-88-1	1,000
Dichlorosilane	4109-96-0	10,000
Diffluoroethane	75-37-6	10,000
Methylamine	124-40-3	10,000
Dimethyldichlorosilane	75-78-5	5,000
Dimethylhydrazine	57-14-7	15,000
Epichlorohydrin	106-89-8	20,000
Ethanamine	75-04-7	10,000
Ethane	74-84-0	10,000
Ethane, 1,1'-oxybis-	60-29-7	10,000
Ethane, 1,1-difluoro-	75-37-6	10,000
Ethane, chloro-	75-00-3	10,000
Ethanedinitrile	460-19-5	10,000
Ethaneperoxyic acid	79-21-0	10,000
Ethanethiol	75-08-1	10,000
Ethene	74-85-1	10,000
Ethene, 1,1-dichloro-	75-35-4	10,000
Ethene, 1,1-difluoro-	75-38-7	10,000
Ethene, bromotrifluoro-	598-73-2	10,000
Ethene, chloro-	75-01-4	10,000
Ethene, chlorotrifluoro-	79-38-9	10,000
Ethene, ethoxy-	109-92-2	10,000
Ethene, fluoro-	75-02-5	10,000
Ethene, methoxy-	107-25-5	10,000
Ethene, tetrafluoro-	116-14-3	10,000
Ethyl acetylene	107-00-6	10,000
Ethyl chloride	75-00-3	10,000
Ethyl cyanide	107-12-0	10,000
Ethyl ether	60-29-7	10,000
Ethyl mercaptan	75-08-1	10,000
Ethyl nitrite	109-95-5	10,000
Ethylene	74-85-1	10,000
Ethylene oxide	75-21-8	10,000
Ethylenediamine	107-15-3	20,000
Ethyleneimine	151-56-4	10,000
Ethyne	74-86-2	10,000
Fluorine	7782-41-4	1,000
Formaldehyde	50-00-0	15,000

<u>Regulated Substance</u>	<u>CAS #</u>	<u>TQ</u>
Formaldehyde (solution)	50-00-0	15,000
Formic acid, methyl ester	107-31-3	10,000
Furan	110-00-9	5,000
Hydrazine	302-01-2	15,000
Hydrazine, 1,1-dimethyl-	57-14-7	15,000
Hydrazine, methyl-	60-34-4	15,000
Hydrochloric acid		
(conc 37% or greater)	7647-01-0	15,000
Hydrocyanic acid	74-90-8	2,500
Hydrofluoric acid		
(conc. 50% or greater)	7664-39-3	1,000
Hydrogen	1333-74-0	10,000
Hydrogen chloride (anhydrous)	7647-01-0	5,000
Hydrogen chloride (gas only)	7647-01-0	5,000
Hydrogen cyanide	74-90-8	2,500
Hydrogen fluoride (anhydrous)	7664-39-3	1,000
Hydrogen selenide	7783-07-5	500
Hydrogen sulfide	7783-06-4	10,000
Iron carbonyl (Fe(CO)5),		
(TB-5-11)-	13463-40-6	2,500
Iron, pentacarbonyl-	13463-40-6	2,500
Isobutane	75-28-5	10,000
Isobutyronitrile	78-82-0	20,000
Isopentane	78-78-4	10,000
Isoprene	78-79-5	10,000
Isopropyl chloride	75-29-6	10,000
Isopropyl chloroformate	108-23-6	15,000
Isopropylamine	75-31-0	10,000
Methacrylonitrile	126-98-7	10,000
Methanamine	74-89-5	10,000
Methanamine, N,N-dimethyl-	75-50-3	10,000
Methanamine, N-methyl-	124-40-3	10,000
Methane	74-82-8	10,000
Methane, chloro-	74-87-3	10,000
Methane, chloromethoxy-	107-30-2	5,000
Methane, isocyanato-	624-83-9	10,000
Methane, oxybis-	115-10-6	10,000
Methane, oxybis(chloro-	542-88-1	1,000
Methane, tetranitro-	509-14-8	10,000
Methane, trichloro-	67-66-3	20,000
Methanesulfenyl chloride,		
trichloro-	594-42-3	10,000
Methanethiol	74-93-1	10,000
Methyl chloride	74-87-3	10,000
Methyl chlorocarbonate	79-22-1	5,000
Methyl chloroformate	79-22-1	5,000
Methyl ether	115-10-6	10,000
Methyl formate	107-31-3	10,000
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
Monoethylamine	75-04-7	10,000
Monomethylamine	74-89-5	10,000
Nickel carbonyl	13463-39-3	1,000
Nitric acid (>= conc 80%)	7697-37-2	15,000
Nitric oxide	10102-43-9	10,000
Nitrogen oxide (NO)	10102-43-9	10,000
Nitrous acid, ethyl ester	109-95-5	10,000
Oleum (fuming sulfuric acid)	8014-95-7	10,000
Oxirane	75-21-8	10,000
Oxirane, (chloromethyl)-	106-89-8	20,000
Oxirane, methyl-	75-56-9	10,000
Pentane	109-66-0	10,000
Peracetic acid	79-21-0	10,000
Perchloromethyl mercaptan	594-42-3	10,000
Phosgene	75-44-5	500
Phosphine	7803-51-2	5,000