

SNo	Chemical	CAS number	Threshold quantity (lbs)
1	Acetaldehyde	75-07-0	2500
2	Acrolein	107-02-8	150
3	Acryloyl chloride	814-68-6	250
4	Allyl chloride	107-05-1	1000
5	Allylamine	107-11-9	1000
6	Alkylaluminum		5000
7	Ammonia, anhydrous	7664-41-7	10000
8	Ammonia solutions (greater than 44% ammonia by weight)	7664-41-7	15000
9	Ammonium perchlorate	7790-98-9	7500
10	Ammonium permanganate	7787-36-2	7500
11	Arsine	7784-42-1	100
12	Bis(chloromethyl) ether	542-88-1	100
13	Boron trichloride	10294-34-5	2500
14	Boron trifluoride	7637-07-2	250
15	Bromine	7726-95-6	1500
16	Bromine chloride	13863-41-7	1500
17	Bromine pentafluoride	7789-30-2	2500
18	Bromine trifluoride	7787-71-5	15000
19	<i>tert</i> -Butyl hydroperoxide	75-91-2	5000
20	<i>tert</i> -Butyl perbenzoate	614-45-9	7500
21	Carbonyl fluoride	353-50-4	2500
22	Cellulose nitrate (concentration greater than 12.6% nitrogen)	9004-70-0	2500
23	Chlorine	7782-50-5	1500
24	Chlorine dioxide	10049-04-4	1000
25	Chlorine pentafluoride	13637-63-3	1000
26	Chlorine trifluoride	7790-91-2	1000
27	Chlorodiethylaluminum	96-10-6	5000
28	1-Chloro-2,4-dinitrobenzene	97-00-7	5000
29	Chloromethyl methyl ether	107-30-2	500
30	Chloropicrin	76-06-2	500
31	Chloropicrin and methyl bromide mixture	None	1500
32	Chloropicrin and methyl chloride mixture	None	1500
33	Cumene hydroperoxide	80-15-9	5000
34	Cyanogen	460-19-5	2500
35	Cyanogen chloride	506-77-4	500
36	Cyanuric fluoride	675-14-9	100
37	Diacetyl peroxide (concentration greater than 70%)	110-22-5	5000
38	Diazomethane	334-88-3	500
39	Dibenzoyl peroxide	94-36-0	7500

40	Diborane	19287-45-7	100
41	<i>tert</i> -Dibutyl peroxide	110-05-4	5000
42	Dichloroacetylene	7572-29-4	250
43	Dichlorosilane	4109-96-0	2500
44	Diethylzinc	557-20-0	10000
45	Diisopropyl peroxydicarbonate	105-64-6	7500
46	Dilauroyl peroxide	105-74-8	7500
47	Dimethyldichlorosilane	75-78-5	1000
48	1,1-Dimethylhydrazine	57-14-7	1000
49	Dimethylamine, anhydrous	124-40-3	2500
50	2,4-Dinitroaniline	97-02-9	5000
51	Ethyl nitrite	109-95-5	5000
52	Ethylamine	75-04-7	7500
53	Ethylene fluorohydrin	371-62-0	100
54	Ethylene Oxide	75-21-8	5000
55	Ethyleneimine	151-56-4	1000
56	Fluorine	7782-41-4	1000
57	Formaldehyde (formalin)	50-00-0	1000
58	Furan	110-00-9	500
59	Hexafluoroacetone	684-16-2	5000
60	Hydrochloric acid, anhydrous	7647-01-0	5000
61	Hydrofluoric acid, anhydrous	7664-39-3	1000
62	Hydrogen bromide	10035-10-6	5000
63	Hydrogen chloride	7647-01-0	5000
64	Hydrogen cyanide, anhydrous	74-90-8	1000
65	Hydrogen fluoride	7664-39-3	1000
66	Hydrogen peroxide (52% by weight or greater)	7722-84-1	7500
67	Hydrogen selenide	7783-07-5	150
68	Hydrogen sulfide	7783-06-4	1500
69	Hydroxylamine	7803-49-8	2500
70	Iron pentacarbonyl	13463-40-6	250
71	Isopropylamine	75-31-0	5000
72	Ketene	463-51-4	100
73	Methacrylaldehyde	78-85-3	1000
74	Methacryloyl chloride	920-46-7	150
75	Methacryloyloxyethyl isocyanate	30674-80-7	100
76	Methyl acrylonitrile	126-98-7	250
77	Methylamine, anhydrous	74-89-5	1000
78	Methyl bromide	74-83-9	2500
79	Methyl chloride	74-87-3	15000

80	Methyl chloroformate	79-22-1	500
81	Methyl ethyl ketone peroxide	1338-23-4	5000
82	Methyl fluoroacetate	453-18-9	100
83	Methyl fluorosulfate	421-20-5	100
84	Methyl hydrazine	60-34-4	100
85	Methyl iodide	74-88-4	7500
86	Methyl isocyanate	624-83-9	250
87	Methyl mercaptan	74-93-1	5000
88	Methyl vinyl ketone	79-84-4	100
89	Methyltrichlorosilane	75-79-6	500
90	Nickel carbonyl	13463-39-3	150
91	Nitric acid (94.5% by weight or greater)	7697-37-2	500
92	Nitric oxide	10102-43-9	250
93	<i>para</i> -Nitroaniline	100-01-6	5000
94	Nitromethane	75-52-5	2500
95	Nitrogen dioxide	10102-44-0	250
96	Nitrogen oxides (NO; NO <sub>2</sub> ; N <sub>2</sub> O <sub>4</sub> ; N <sub>2</sub> O <sub>3</sub> )	10102-44-0	250
97	Nitrogen tetroxide	10544-72-6	250
98	Nitrogen trifluoride	7783-54-2	5000
99	Nitrogen trioxide	10544-73-7	250
100	Oleum (65% to 80% by weight)	8014-95-7	1000
101	Osmium tetroxide	20816-12-0	100
102	Oxygen difluoride	7783-41-7	100
103	Ozone	10028-15-6	100
104	Pentaborane	19624-22-7	100
105	Peracetic acid (concentration greater than 60%)	79-21-0	1000
106	Perchloric acid (concentration greater than 60% by weight)	7601-90-3	5000
107	Perchloromethyl mercaptan	594-42-3	150
108	Perchloryl fluoride	7616-94-6	5000
109	Phosgene	75-44-5	100
110	Phosphine	7803-51-2	100
111	Phosphorus oxychloride	10025-87-3	1000
112	Phosphorus trichloride	7719-12-2	1000
113	Phosphoryl chloride	10025-87-3	1000
114	Propargyl bromide	106-96-7	100
115	Propyl nitrate	627-3-4	2500
116	Sarin	107-44-8	100
117	Selenium hexafluoride	7783-79-1	1000
118	Stibine	7803-52-3	500
119	Sulfur dioxide (liquid)	7446-09-5	1000

120	Sulfur pentafluoride	5714-22-7	250
121	Sulfur tetrafluoride	7783-60-0	250
122	Sulfur trioxide	7446-11-9	1000
123	Sulfuric anhydride	7446-11-9	1000
124	Tellurium hexafluoride	7783-80-4	250
125	Tetrafluoroethylene	116-14-3	5000
126	Tetrafluorohydrazine	10036-47-2	5000
127	Tetramethyl lead	75-74-1	1000
128	Thionyl chloride	7719-09-7	250
129	Trichloro(chloromethyl)silane	1558-25-4	100
130	Trichloro(dichlorophenyl)silane	27137-85-5	2500
131	Trichlorosilane	10025-78-2	5000
132	Trifluorochloroethylene	79-38-9	10000
133	Trimethoxysilane	2487-90-3	1500

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