

Stanford University Compatible Storage Group Classification System

Should be used in conjunction with specific storage conditions taken from the manufacturer's label and MSDS.

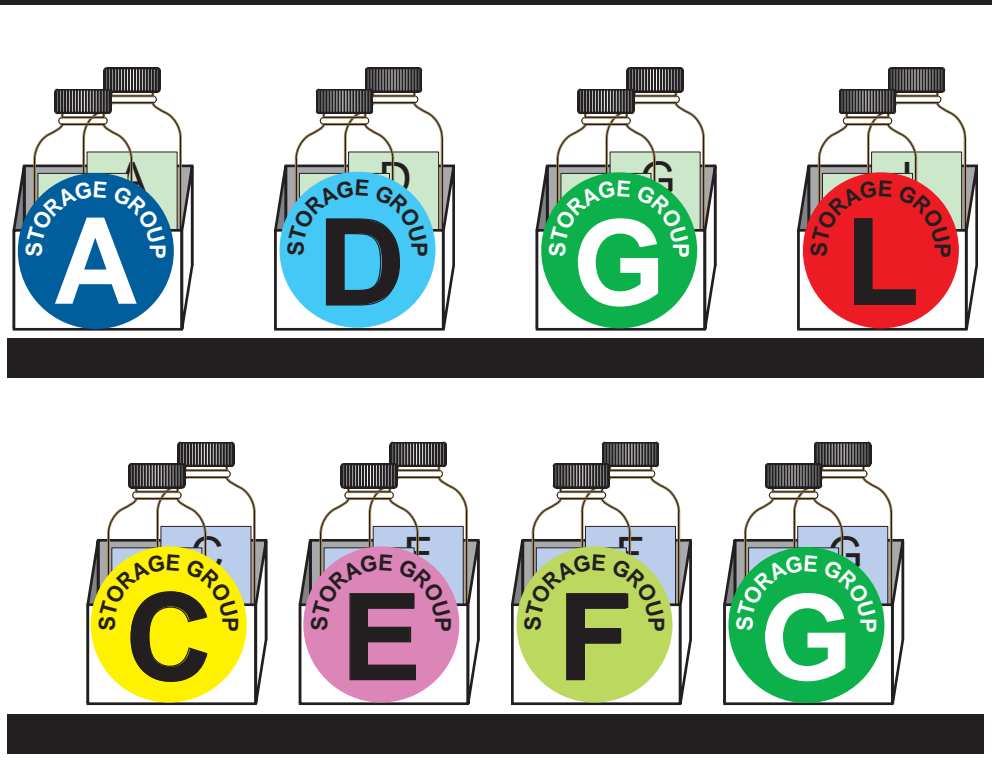
STORAGE GROUPS

Store chemicals in separate secondary containment and cabinets

- A** Compatible Organic Bases
- B** Compatible Pyrophoric & Water Reactive Materials
- C** Compatible Inorganic Bases
- D** Compatible Organic Acids
- E** Compatible Oxidizers including Peroxides
- F** Compatible Inorganic Acids not including Oxidizers or Combustible
- G** Not Inherently Reactive or Flammable or Combustible
- J*** Poison Compressed Gases
- K*** Compatible Explosive or other highly Unstable Material
- L** Non-Reactive Flammable and Combustible, including solvents
- X*** Incompatible with ALL other storage groups

***Storage Groups J, K and X: Consult EHS Department For specific storage - consult manufacturer's MSDS**

If space does not allow Storage Groups to be kept in separate cabinets the following scheme can be used with extra care taken to provide stable, uncrowded, and carefully monitored conditions.



Storage Group X must be segregated from all other chemicals.



Storage Group B is not compatible with any other storage group.

CHEMICAL COMPATIBILITY STORAGE CODES¹

Storage Group A: Compatible Organic Bases

Identifier	Name
100-46-9	Benzylamine
100-85-6	Benzyltrimethylammonium hydroxide
108-91-8	Cyclohexylamine
111-42-2	Diethanolamine
109-89-7	Diethylamine
75-04-7	Ethylamine
107-15-3	Ethylenediamine
110-89-4	Piperidine
102-71-6	Triethanolamine
121-44-8	Triethylamine

Storage Group B: Compatible Pyrophoric And Water Reactive Materials

Identifier	Name
7783-70-2	Antimony pentafluoride
98-88-4	Benzoyl chloride
353-42-4	Boron trifluoride compound with methyl ether (1:1)
594-19-4	<i>Tert</i> -Butyllithium
156-62-7	Calcium cyanamide
16853-85-3	Lithium aluminum hydride
4111-54-0	Lithium diisopropylamide
7580-67-8	Lithium hydride
7439-93-2	Lithium metal (e.g., in THF)
124-63-0	Methanesulfonyl chloride
917-54-4	Methylolithium solution (and other alkyls)
7440-09-7	Potassium metal
17242-52-3	Potassium amide
16940-66-2	Sodium borohydride
7646-69-7	Sodium hydride
7440-66-6	Zinc (fume or dust)

Storage Group C: Compatible Inorganic Bases

Identifier	Name
1336-21-6	Ammonium hydroxide
17194-00-2	Barium hydroxide
1305-62-0	Calcium hydroxide
21351-79-1	Cesium hydroxide
1310-65-2	Lithium hydroxide

¹ Adapted from Stanford University's ChemTracker Storage System. Used with permission from Lawrence M. Gibbs, Stanford University.

1310-58-3	Potassium hydroxide
1310-82-3	Rubidium hydroxide
1310-73-2	Sodium hydroxide
18480-07-4	Strontium hydroxide

Storage Group D: Compatible Organic Acids

Identifier	Name
64-19-7	Acetic acid
79-10-7	Acrylic acid
65-85-0	Benzoic acid
98-07-7	Benzotrichloride
98-88-4	Benzoyl chloride
10043-35-3	Boric acid
79-11-8	Chloroacetic acid
627-11-2	Chloroethyl chloroformate
77-92-9	Citric acid
79-44-7	Dimethylcarbamyl chloride
64-18-6	Formic acid
6915-15-7	Malic acid
108-31-6	Maleic anhydride
7697-37-2	Nitric acid
139-13-9	Nitrilotriacetic acid
79-09-4	Propionic acid
7783-00-8	Selenious acid
76-05-1	Trifluoroacetic acid (TFA)
76-03-9	Trichloroacetic acid

Storage Group E: Compatible Oxidizers, Including Peroxides

Identifier	Name
21205-91-4	9-BBN
13473-90-0	Aluminum nitrate
7789-09-5	Ammonium dichromate
7790-98-9	Ammonium perchlorate
13446-10-1	Ammonium permanganate
7727-54-0	Ammonium persulfate
10022-31-8	Barium nitrate
10124-37-5	Calcium nitrate
1305-79-9	Calcium peroxide
19004-19-4	Cupric nitrate
506-93-4	Guanidine nitrate
937-14-4	3-Chloroperoxybenzoic acid
7722-84-1	Hydrogen peroxide
10099-74-8	Lead nitrate
13840-33-0	Lithium hypochlorite
10377-60-3	Magnesium nitrate
10034-81-8	Magnesium perchlorate
13138-45-9	Nickel nitrate

7697-37-2	Nitric acid
79-21-0	Peracetic acid
7601-90-3	Perchloric acid
7778-50-9	Potassium dichromate
7757-79-1	Potassium nitrate
7722-64-7	Potassium permanganate
7727-21-1	Potassium persulfate
17014-71-0	Potassium superoxide
7761-88-8	Silver nitrate
15630-89-4	Sodium carbonate peroxide
7775-09-9	Sodium chlorate
7758-19-2	Sodium chlorite
2893-78-9	Sodium dichloro-s-triazinetrione
10588-01-9	Sodium dichromate
7681-52-9	Sodium hypochlorite
7631-99-4	Sodium nitrate
7632-00-0	Sodium nitrite
10101-50-5	Sodium permanganate
1313-60-6	Sodium peroxide
7775-27-1	Sodium persulfate
7791-10-8	Strontium chlorate
10042-76-9	Strontium nitrate
1314-18-7	Strontium peroxide
87-90-1	Trichloro-s-triazinetrione (Trichloroisocyanuric acid, TCCA)

Storage Group F: Compatible Inorganic Acids, Not Including Oxidizers Or Combustibles

Identifier	Name
7790-93-4	Chloric acid
10034-85-2	Hydrioc acid
7647-01-0	Hydrochloric acid
7664-39-3	Hydrogen fluoride solution
7664-38-2	Phosphoric acid
7664-93-9	Sulfuric acid

Storage Group G: Not Intrinsicly Reactive Or Flammable Or Combustible

Identifier	Name
71751-41-2	Abamectin [avermectin b1]
640-19-7	Acetamide, 2-fluoro-
62-74-8	Acetic acid, fluoro-, sodium salt
1752-30-3	Acetone thiosemicarbazide
53-96-3	2-Acetylaminofluorene
79-06-1	Acrylamide
814-68-6	Acrylyl chloride
111-69-3	Adiponitrile
309-00-2	Aldrin
60-09-3	4-Aminoazobenzene

92-67-1	4-Aminodiphenyl
82-28-0	1-Amino-2-methylantraquinone
54-62-6	Aminopterin
504-24-5	4-Aminopyridine
61-82-5	Amitrole
101-05-3	Anilazine [4, 6-dichloro- <i>N</i> -(2-chlorophenyl)-1, 3, 5-triazin-2-amine]
90-04-0	<i>o</i> -Anisidine
7440-36-0	Antimony
7440-38-2	Arsenic
1303-28-2	Arsenic pentoxide
7784-34-1	Arsenic trichloride
1327-53-3	Arsenic trioxide
86-50-0	Azinphos-methyl
7440-39-3	Barium
56-55-3	Benz[a]anthracene
98-87-3	Benzal chloride
55-21-0	Benzamide
98-16-8	Benzenamine, 3-(trifluoromethyl)-
100-14-1	Benzene, 1-(chloromethyl)-4-nitro-
98-05-5	Benzenearsonic acid
108-98-5	Benzenethiol
92-87-5	Benzidine
50-32-8	Benzo[a]pyrene
57-64-7	Benzoic acid, 2-hydroxy-, compound with (3 <i>as</i> - <i>cis</i>)-1,2,3,3 <i>a</i> ,8,8 <i>a</i> -hexahydro-1,3 <i>a</i> ,8-trimethylpyrrolo[2,3, <i>b</i>]indol-5-ylmethylcarbamate ester (1:1)
100-44-7	Benzyl chloride
140-29-4	Benzyl cyanide
7440-41-7	Beryllium powder
91-59-8	Beta-naphthylamine
82657-04-3	Bifenthrin
92-52-4	Biphenyl
534-07-6	Bis(chloromethyl) ketone
542-88-1	Bis(chloromethyl)ether
28772-56-7	Bromadiolone
75-25-2	Bromoform (tribromomethane)
74-83-9	Bromomethane
75-63-8	Bromotrifluoromethane (halon 1301)
81-88-9	C.I. Food red 15 (Rhodamine B)
97-56-3	C.I. Solvent yellow 3
7440-43-9	Cadmium
1306-19-0	Cadmium oxide
2223-93-0	Cadmium stearate
7778-44-1	Calcium arsenate
56-25-7	Cantharidin
51-83-2	Carbachol chloride
644-64-4	Carbamic acid, dimethyl-, 1-[(dimethylamino)carbonyl]-5-methyl-1 <i>h</i> -pyrazol-3-yl ester

63-25-2	Carbaryl [1-naphthalenol, methylcarbamate]
1563-66-2	Carbofuran
56-23-5	Carbon tetrachloride
57-74-9	Chlordane
115-28-6	Chlorendic acid
532-27-4	2-Chloroacetophenone
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride
75-45-6	Chlorodifluoromethane (HCFC-22)
67-66-3	Chloroform
107-30-2	Chloromethyl methyl ether
5344-82-1	1-(<i>o</i> -Chlorophenyl)thiourea
542-76-7	3-Chloropropionitrile
63938-10-3	Chlorotetrafluoroethane
75-88-7	2-Chloro-1,1,1-trifluoro-ethane (HCFC-133a)
75-72-9	Chlorotrifluoromethane (CFC-13)
1982-47-4	Chloroxuron
10025-73-7	Chromic chloride
7440-47-3	Chromium
64-86-8	Colchicine
56-72-4	Coumaphos
5836-29-3	Coumatetralyl
1319-77-3	Cresol (mixed isomers)
95-48-7	<i>o</i> -Cresol
535-89-7	Crimidine
4170-30-3	Crotonaldehyde
123-73-9	(<i>e</i>)-Crotonaldehyde
64-00-6	<i>m</i> -Cumenyl methylcarbamate
21725-46-2	Cyanazine
506-68-3	Cyanogen bromide
506-78-5	Cyanogen iodide
675-14-9	Cyanuric fluoride
66-81-9	Cycloheximide
94-75-7	2,4-D (2,4-Dichlorophenoxyacetic acid)
2971-38-2	2,4-D Chlorocrotyl ester
94-11-1	2,4-D Isopropyl ester
94-82-6	2,4-DB
919-86-8	Demeton-s-methyl
101-80-4	4,4'-Diaminodiphenyl ether
101-77-9	4,4'-Diaminodiphenylmethane
615-05-4	2,4-Diaminoanisole
95-80-7	2,4-Diaminotoluene
25376-45-8	Diaminotoluene (mixed isomers)
333-41-5	Diazinon
53-70-3	Dibenzo(a, h)anthracene
132-64-9	Dibenzofuran
96-12-8	1,2-Dibromo-3-chloropropane

106-93-4	1,2-Dibromoethane (ethylene dibromide)
84-74-2	Dibutyl phthalate
99-30-9	Dichloran [2, 6-dichloro-4-nitroaniline]
95-50-1	1,2-Dichlorobenzene
541-73-1	1,3-Dichlorobenzene
106-46-7	1,4-Dichlorobenzene
91-94-1	3,3'-Dichlorobenzidine
75-27-4	Dichlorobromomethane
764-41-0	1,4-Dichloro-2-butene
75-71-8	Dichlorodifluoromethane (cfc-12)
111-44-4	Dichloroethyl ether
75-09-2	Dichloromethane (methylene chloride)
91-93-0	3,3'-Dimethoxybenzidine-4,4'-diisocyanate
91-97-4	3,3'-Dimethyl-4,4'-diphenylene diisocyanate
127564-92-5	Dichloropentafluoropropane
97-23-4	Dichlorophene [2, 2'-methylene-bis(4-chlorophenol)]
120-83-2	2,4-Dichlorophenol
105-67-9	2,4-Dimethylphenol
696-28-6	Dichlorophenylarsine
76-14-2	Dichlorotetrafluoroethane (cfc-114)
62-73-7	Dichlorvos
1464-53-5	Diepoxybutane
38727-55-8	Diethyl ethyl
814-49-3	Diethyl chlorophosphate
297-97-2	<i>O,O</i> -Diethyl <i>O</i> -pyrazinyl phosphorothioate
78-53-5	<i>O,O</i> -Diethyl <i>S</i> -[2-(diethylamino)ethyl] phosphorothiolate
71-63-6	Digitoxin
101-90-6	Diglycidyl resorcinol ether
94-58-6	Dihydrosafrole
55-91-4	Diisopropylfluorophosphate (DFP)
60-51-5	Dimethoate
60-11-7	4-Dimethylaminoazobenzene
57-97-6	7,12-Dimethylbenz[a]anthracene
91-93-0	3,3'-Dimethoxybenzidine-4,4'-diisocyanate
2524-03-0	Dimethyl chlorothiophosphate
91-97-4	3,3'-Dimethyl-4,4'-diphenylene diisocyanate
105-67-9	2,4-Dimethylphenol
131-11-3	Dimethyl phthalate
77-78-1	Dimethyl sulfate
2300-66-5	Dimethylamine dicamba
534-52-1	4,6-Dinitro- <i>o</i> -cresol
78-34-2	Dioxathion
82-66-6	Diphacinone
957-51-7	Diphenamid
122-39-4	Diphenylamine
107-49-3	Diphosphoric acid, tetraethyl ester

541-53-7	Dithiobiuret
72-20-8	Endrin
50-14-6	Ergocalciferol
563-12-2	Ethion
13194-48-4	Ethoprop
541-41-3	Ethyl chloroformate
759-94-4	Ethyl dipropylthiocarbamate [EPTC]
371-62-0	Ethylene fluorohydrin
107-21-1	Ethylene glycol
96-45-7	Ethylene thiourea
542-90-5	Ethylthiocyanate
52-85-7	Famphur
55-38-9	Fenthion [<i>o</i> , <i>o</i> -dimethyl <i>o</i> -[3-methyl-4-(methylthio)phenyl]ester, phosphorothioic acid]
144-49-0	Fluoroacetic acid
359-06-8	Fluoroacetyl chloride
51-21-8	Fluorouracil
944-22-9	Fonofos
107-16-4	Formaldehyde cyanohydrin
23422-53-9	Formetanate hydrochloride
76-13-1	Freon 113 [ethane, 1, 1, 2-trichloro-1, 2, 2-trifluoro-]
76-44-8	Heptachlor
87-68-3	Hexachloro-1, 3-butadiene
118-74-1	Hexachlorobenzene
77-47-4	Hexachlorocyclopentadiene
67-72-1	Hexachloroethane
1335-87-1	Hexachloronaphthalene
70-30-4	Hexachlorophene
822-06-0	Hexamethylene-1, 6-diisocyanate
51235-04-2	Hexazinone
51-75-2	Hn2 (nitrogen mustard-2)
555-77-1	Hn3 (nitrogen mustard-3)
79-19-6	Hydrazinecarbothioamide
123-31-9	Hydroquinone
102-36-3	Isocyanic acid, 3,4-dichlorophenyl ester
465-73-6	Isodrin
4098-71-9	Isophorone diisocyanate
108-23-6	Isopropyl chloroformate
80-05-7	4,4'-Isopropylidenediphenol
120-58-1	Isosafrole
78-97-7	Lactonitrile
7439-92-1	Lead
58-89-9	Lindane
554-13-2	Lithium carbonate
121-75-5	Malathion
109-77-3	Malononitrile
93-65-2	Mecoprop

950-10-7	Meposfolan
149-30-4	2-Mercaptobenzothiazole (MBT)
5124-30-1	1,1-Methylene bis(4-isocyanatocyclohexane)
1600-27-7	Mercuric acetate
7487-94-7	Mercuric chloride
21908-53-2	Mercuric oxide
7439-97-6	Mercury
760-93-0	Methacrylic anhydride
920-46-7	Methacryloyl chloride
30674-80-7	Methacryloyloxyethyl isocyanate
558-25-8	Methanesulfonyl fluoride
950-37-8	Methidathion
16752-77-5	Methomyl
94-74-6	Methoxone (4-chloro-2-methylphenoxy) acetic acid (MCPA))
72-43-5	Methoxychlor [benzene, 1, 1'-(2, 2, 2-trichloroethylidene)bis[4-methoxy-]]
151-38-2	Methoxyethylmercuric acetate
80-63-7	Methyl 2-chloroacrylate
56-49-5	3-Methylcholanthrene
74-87-3	Methyl chloride
101-14-4	4,4'-Methylenebis(2-chloroaniline) (mboca)
101-61-1	4,4'-Methylenebis(N,N-dimethyl) benzenamine
60-34-4	Methyl hydrazine
74-88-4	Methyl iodide
924-42-5	<i>N</i> -Methylolacrylamide
298-00-0	Methyl parathion
676-97-1	Methyl phosphonic dichloride
556-64-9	Methyl thiocyanate
502-39-6	Methylmercuric dicyanamide
7786-34-7	Mevinphos
90-94-8	Michler's ketone
50-07-7	Mitomycin c
1313-27-5	Molybdenum trioxide
76-15-3	Monochloropentafluoroethane (CFC-115)
6923-22-4	Monocrotophos
3173-72-6	1,5-Naphthalene diisocyanate
54-11-5	Nicotine
65-30-5	Nicotine sulfate
92-93-3	4-Nitrobiphenyl
55-63-0	Nitroglycerine
88-75-5	2-Nitrophenol
100-02-7	4-Nitrophenol
62-75-9	<i>N</i> -Nitrosodimethylamine
621-64-7	<i>N</i> -Nitrosodi- <i>N</i> -propylamine
86-30-6	<i>N</i> -Nitrosodiphenylamine
59-89-2	<i>N</i> -Nitrosomorpholine
100-75-4	<i>N</i> -Nitrosopiperidine

99-55-8	5-Nitro- <i>o</i> -toluidine
630-60-4	Ouabain
78-71-7	Oxetane, 3,3-bis(chloromethyl)-
104-94-9	<i>p</i> -anisidine
56-38-2	Parathion
12002-03-8	Paris green
106-47-8	<i>p</i> -chloroaniline
95-69-2	<i>p</i> -chloro- <i>o</i> -toluidine
106-44-5	<i>p</i> -cresol
100-25-4	<i>p</i> -dinitrobenzene
76-01-7	Pentachloroethane
87-86-5	Pentachlorophenol (PCP)
594-42-3	Perchloromethylmercaptan
85-01-8	Phenanthrene
108-95-2	Phenol
88-85-7	Phenol, 2-(1-methylpropyl)-4,6-dinitro- (dinoseb)
58-36-6	Phenoxarsine, 10,10'-oxydi-
95-54-5	1,2-Phenylenediamine
108-45-2	1,3-Phenylenediamine
624-18-0	1,4-Phenylenediamine dihydrochloride
104-49-4	1,4-Phenylene diisocyanate
59-88-1	Phenylhydrazine hydrochloride
62-38-4	Phenylmercury acetate
90-43-7	2-Phenylphenol
2097-19-0	Phenylsilatrane
103-85-5	Phenylthiourea
57-41-0	Phenytoin
947-02-4	Phosfolan
13171-21-6	Phosphamidon
57-47-6	Physostigmine
124-87-8	Picrotoxin
51-03-6	Piperonyl butoxide
100-01-6	<i>p</i> -nitroaniline
10124-50-2	Potassium arsenite
506-61-6	Potassium silver cyanide
106-50-3	<i>p</i> -phenylenediamine
23950-58-5	Pronamide
1120-71-4	Propane sultone
70-69-9	Propiophenone, 4'-amino
109-61-5	Propyl chloroformate
129-00-0	Pyrene
91-22-5	Quinoline
106-51-4	Quinone
82-68-8	Quintozene [pentachloronitrobenzene]
78-48-8	<i>S,S,S</i> -tributyltrithiophosphate (DEF)
81-07-2	Saccharin (manufacturing, no supplier notification)

94-59-7	Safrole
7440-22-4	Silver
7631-89-2	Sodium arsenate
7784-46-5	Sodium arsenite, solid
124-65-2	Sodium cacodylate
128-04-1	Sodium dimethyldithiocarbamate
13410-01-0	Sodium selenate
10102-18-8	Sodium selenite
10102-20-2	Sodium tellurite
57-24-9	Strychnine
505-60-2	Sulfur mustard (mustard gas H)
77-81-6	Tabun
79-94-7	Tetrabromobisphenol A
630-20-6	1,1,1,2-Tetrachloroethane
79-34-5	1,1,2,2-Tetrachloroethane
64-75-5	Tetracycline hydrochloride
78-00-2	Tetraethyl lead
3689-24-5	Tetraethyldithiopyrophosphate
597-64-8	Tetraethyltin
119-64-2	Tetrahydronaphthalene
75-74-1	Tetramethyllead
7440-28-0	Thallium
6533-73-9	Thallos carbonat
62-55-5	Thioacetamide
59669-26-0	Thiodicarb
62-56-6	Thiourea
614-78-8	Thiourea, (2-methylphenyl)-
137-26-8	Thiram
1314-20-1	Thorium dioxide
95-53-4	<i>o</i> -Toluidine
8001-35-2	Toxaphene
68-76-8	Triaziquone [2, 5-cyclohexadiene-1, 4-dione, 2, 3, 5-tris(1-aziridinyl)-]
24017-47-8	Triazofos
1983-10-4	Tributyltin fluoride
52-68-6	Trichlorfon [phosphonic acid, (2, 2, 2-trichloro-1-hydroxyethyl)-, dimethyl ester]
1558-25-4	Trichloro(chloromethyl)silane
71-55-6	1,1,1-Trichloroethane (methyl chloroform)
120-82-1	1,2,4-Trichlorobenzene
79-00-5	1,1,2-Trichloroethane
75-69-4	Trichlorofluoromethane (CFC-11)
327-98-0	Trichloronate
88-06-2	2,4,6-Trichlorophenol
96-18-4	1,2,3-Trichloropropane
88-05-1	2,4,6-Trimethyl-aniline
824-11-3	Trimethylolpropane phosphite
76-87-9	Triphenyltin hydroxide

51-79-6	Urethane (ethyl carbamate)
1314-62-1	Vanadium pentoxide
81-81-2	Warfarin
129-06-6	Warfarin sodium
87-62-7	2,6-Xylidine
28347-13-9	Xylylene dichloride

Storage Group J: Poison Compressed Gases

Identifier	Name
116-15-4	Hexafluoropropylene
7446-09-5	Sulfur dioxide

Storage Group K: Compatible Explosives Or Other Highly Unstable Materials

Identifier	Name
556-88-7	Nitroguanidine
88-89-1	Picric acid, dry (<10% water)
288-94-8	Tetrazole
124-47-0	Urea nitrate

Storage Group L: Non-Reactive Flammable And Combustible, Including Solvents

Identifier	Name
75-05-8	Acetonitrile
98-86-2	Acetophenone
107-13-1	Acrylonitrile, inhibited
557-40-4	Allyl ether
71-43-2	Benzene
103-50-4	Benzyl ether
110-47-4	Beta-isopropoxypropionitrile
106-99-0	Butadiene
78-92-2	2-Butanol
71-36-3	<i>n</i> -Butanol
75-65-0	<i>tert</i> -Butanol
78-93-3	2-Butanone (MEK)
141-32-2	Butyl acrylate
8001-58-9	Creosote
110-82-7	Cyclohexane
108-93-0	Cyclohexanol
110-83-8	Cyclohexene
931-87-3	Cyclooctene
142-29-0	Cyclopentene
91-17-8	Decahydronaphthalene
75-43-4	Dichlorofluoromethane (HCFC-21)
77-73-6	Dicyclopentadiene
462-95-3	Diethoxymethane
111-96-6	Diethylene glycol dimethyl ether
109-87-5	Dimethoxymethane

124-40-3	Dimethylamine
68-12-2	<i>N,N</i> -Dimethylformamide
99-98-9	Dimethyl- <i>p</i> -phenylenediamine
51-28-5	2,4-Dinitrophenol
123-91-1	Dioxane
821-08-9	Divinyl acetylene
110-80-5	2-Ethoxyethanol
140-88-5	Ethyl acrylate
75-00-3	Ethyl chloride
107-12-0	Ethyl cyanide
60-29-7	Ethyl ether
100-41-4	Ethylbenzene
74-85-1	Ethylene
110-71-4	Ethylene glycol dimethyl ether
75-34-3	Ethylidene dichloride
115-21-9	Ethyltrichlorosilane
110-00-9	Furan
78-82-0	Isobutyronitrile
98-82-8	Isopropyl benzene
108-20-3	Isopropyl ether
126-98-7	Methacrylonitrile
67-56-1	Methanol
109-86-4	2-Methoxyethanol
74-99-7	Methyl acetylene
96-33-3	Methyl acrylate
67-56-1	Methanol
96-37-7	Methyl cyclopentane
108-10-1	Methylisobutyl ketone (MIBK)
80-62-6	Methyl methacrylate
109-06-8	2-Methylpyridine
872-50-4	<i>N</i> -Methyl-2-pyrrolidone
1634-04-4	Methyl <i>tert</i> -butyl ether
91-20-3	Naphthalene
1122-60-7	Nitrocyclohexane
79-46-9	2-Nitropropane
67-63-0	2-Propanol
107-19-7	Propargyl alcohol
123-38-6	Propionaldehyde
110-86-1	Pyridine
100-42-5	Styrene
109-99-9	Tetrahydrofuran
108-88-3	Toluene
7440-62-2	Vanadium (except when contained in an alloy)
108-05-4	Vinyl acetate
109-93-3	Vinyl ether
1330-20-7	Xylene (mixed isomers)

95-47-6	<i>o</i> -Xylene
106-42-3	<i>p</i> -Xylene

Storage Group X: Incompatible With All Other Storage Groups

Identifier	Name
107-02-8	Acrolein
107-18-6	Allyl alcohol
107-05-1	Allyl chloride
107-11-9	Allylamine
7429-90-5	Aluminum
62-53-3	Aniline
622-79-7	Benzyl azide
7726-95-6	Bromine
109-72-8	Butyllithium
107-07-3	Chloroethanol
76-06-2	Chloropicrin
104-12-1	<i>p</i> -Chlorophenyl isocyanate
10210-68-1	Cobalt carbonyl
334-88-3	Diazomethane
78-88-6	2,3-Dichloropropene
64-67-5	Diethyl sulfate
75-78-5	Dimethyldichlorosilane
57-14-7	1,1-Dimethylhydrazine
99-65-0	<i>m</i> -Dinitrobenzene
121-14-2	2,4-Dinitrotoluene
606-20-2	2,6-Dinitrotoluene
25321-14-6	Dinitrotoluene (mixed isomers)
106-89-8	Epichlorohydrin
151-56-4	Ethyleneimine
302-01-2	Hydrazine
74-90-8	Hydrogen cyanide
7664-39-3	Hydrogen fluoride
13463-40-6	Iron, pentacarbonyl-
556-61-6	Isothiocyanatomethane
79-22-1	Methyl chloroformate
624-83-9	Methyl isocyanate
75-86-5	2-Methylactonitrile
74-93-1	Methyl mercaptan
78-94-4	Methyl vinyl ketone
74-95-3	Methylene bromide
101-68-8	Methylenebis(phenylisocyanate) (MDI)
98-95-3	Nitrobenzene
7601-90-3	Perchloric acid
98-13-5	Phenyltrichlorosilane
7723-14-0	Phosphorus

10025-87-3	Phosphorus oxychloride
10026-13-8	Phosphorus pentachloride
7719-12-2	Phosphorus trichloride
85-44-9	Phthalic anhydride
88-89-1	Picric acid, moist (10-40% water)
151-50-8	Potassium cyanide
57-57-8	β -Propiolactone
7723-14-0	Red phosphorus
26628-22-8	Sodium azide
64568-18-9	Sodium hydrogen sulfide
60-41-3	Strychnine, sulfate
7446-11-9	Sulfur trioxide
584-84-9	Toluene-2,4-diisocyanate
91-08-7	Toluene-2,6-diisocyanate
26471-62-5	Toluenediisocyanate (mixed isomers)
79-01-6	Trichloroethylene