Tennessee State University Compatibility Group Classification System

Should be used with specific storage conditions taken from the manufacturer's label and SDS

STORAGE GROUPS

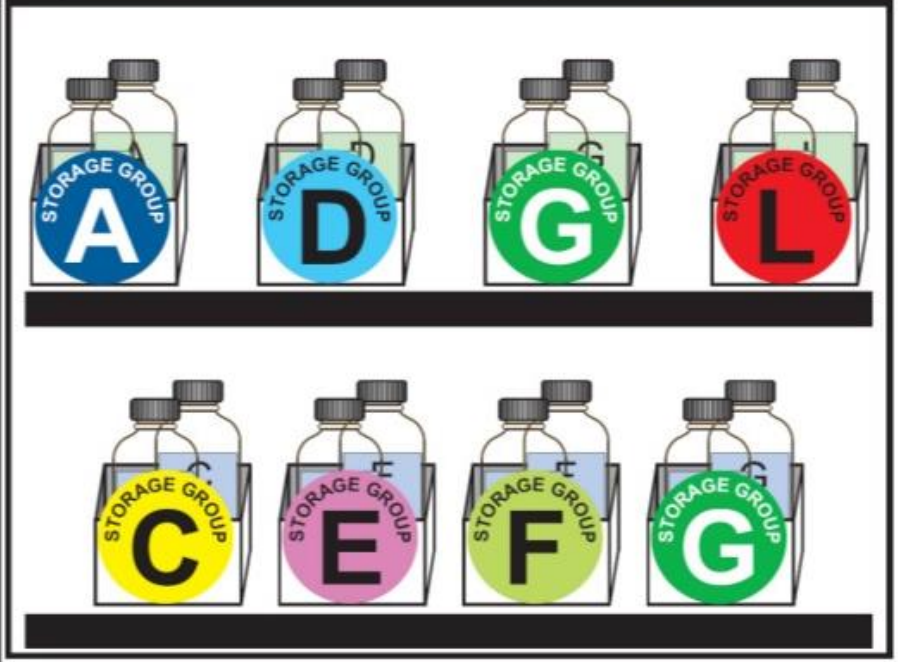
Store chemicals in separate secondary containment and cabinets

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 Intrinsically 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: Contact EH&S**

For specific storage-consult manufacturer's SDS

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 SEGREGATION

Chemicals are to be segregated into 11 different categories depending on the compatibility of that chemical with other chemicals

The Storage Groups are as follows:

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

The following is a list of chemicals and their compatibility storage codes. This is not a complete list of chemicals, but is provided to give examples of each storage group:

Storage Group A

94-75-7	2,4-D (2,4-Dichlorophenoxyacetic acid)
94-82-6	2,4-DB
609-99-4	3,5-Dinitrosalicylic acid
64-19-7	Acetic acid (Flammable liquid @ 102°F avoid alcohols, Amines, ox agents see SDS)
631-61-8	Acetic acid, Ammonium salt (Ammonium acetate)
108-24-7	Acetic anhydride (Flammable liquid @102°F avoid alcohols see SDS)
79-10-7	Acrylic acid Peroxide Former
65-85-0	Benzoic acid
98-07-7	Benzotrichloride
98-88-4	Benzoyl chloride
107-92-6	Butyric Acid
115-28-6	Chlorendic acid
79-11-8	Chloroacetic acid
627-11-2	Chloroethyl chloroformate
77-92-9	Citric acid
5949-29-1	Citric acid monohydrate
57-00-1	Creatine
20624-25-3	Diethyldithiocarbamic acid sodium salt
79-44-7	Dimethylcarbamyl chloride
89-65-6	D-Isoascorbic acid (Erythorbic acid)
7200-25-1	DL-Arginine

59-51-8	DL-Methionine
760-78-1	DL-Norvaline, 2-Aminopentanoic acid
302-84-1	DL-Serine
673-06-3	D-Phenylalanine
60-00-4	Ethylenediaminetetraacetic acid (EDTA)
139-33-3	Ethylenediaminetetraacetic acid disodium salt
144-49-0	Fluoroacetic acid
64-18-6	Formic acid
540-69-2	Formic acid ammonium salt, Ammonium formate
590-29-4	Formic acid potassium salt, Potassium formate
142-62-1	Hexanoic acid
97-67-6	L-(-)-Malic acid
79-33-4	L-(+)-Lactic acid
50-21-5	Lactic acid
50-81-7	L-Ascorbic acid, Vitamin C
56-84-8	L-Aspartic acid
143-07-7	Lauric acid
56-86-0	L-Glutamic acid
71-00-1	L-Histidine
463-40-1	Linolenic acid
73-32-5	L-Isoleucine
61-90-5	L-Leucine, (S)-2-Amino-4-methylpentanoic acid
657-26-1	L-Lysine dihydrochloride
39665-12-8	L-Lysine monohydrate
657-27-2	L-Lysine monohydrochloride
63-91-2	L-Phenylalanine
147-85-3	L-Proline
72-18-4	L-Valine
108-31-6	Maleic anhydride
6915-15-7	Malic acid
544-63-8	Myristic acid
59-67-6	Nicotinic acid
139-13-9	Nitrilotriacetic acid
124-07-2	Octanoic acid
112-80-1	Oleic acid
144-62-7	Oxalic acid
6153-56-6	Oxalic acid dihydrate
57-10-3	Palmitic acid
10450-60-9	Periodic acid (solution)
83-86-3	Phytic acid
88-89-1	Picric acid, moist (10-40% water)
877-24-7	Potassium hydrogen phthalate, KHP
79-09-4	Propionic acid
69-72-7	Salicylic acid
7783-00-8	Selenious acid
532-32-1	Sodium Benzoate
141-53-7	Sodium formate
54-21-7	Sodium salicylate

140-10-3	trans-Cinnamic acid
76-03-9	Trichloroacetic acid
76-05-1	Trifluoroacetic acid (TFA)

Storage Group B

21205-91-4	9-BBN
7783-70-2	Antimony pentafluoride
7440-39-3	Barium
98-88-4	Benzoyl chloride
353-42-4	Boron triflouride compound with methyl ether (1:1)
7440-70-2	Calcium
75-20-7	Calcium carbide
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)
7439-95-4	Magnesium
7439-96-5	Manganese (powder)
124-63-0	Methanesulfonyl chloride
676-97-1	Methyl phosphonic dichloride
917-54-4	Methyllithium solution (and other alkyls)
17242-52-3	Potassium amide Peroxide Former
7440-09-7	Potassium metal Peroxide Former
7782-92-5	Sodium amide
16940-66-2	Sodium borohydride
7646-69-7	Sodium hydride
594-19-4	Tert-Butyllithium
7440-66-6	Zinc (fume or dust)

Storage Group C

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
1310-58-3	Potassium hydroxide
1310-82-3	Rubidium hydroxide
8006-28-8	Soda lime
1310-73-2	Sodium hydroxide
7601-54-9	Sodium phosphate
7558-79-4	Sodium phosphate dibasic
7782-85-6	Sodium phosphate dibasic heptahydrate
10101-89-0	Sodium phosphate tribasic dodecahydrate
13573-18-7	Sodium tripolyphosphate
7758-29-4	Sodium tripolyphosphate
18480-07-4	Strontium hydroxide

Storage Group D

95-54-5	1,2-Phenylenediamine
108-45-2	1,3-Phenylenediamine
624-18-0	1,4-Phenylenediamine dihydrochloride
101-75-7	4-(Phenylazo)diphenylamine
2465-27-2	Auramine O
100-85-6	Benzyltrimethylammonium hydroxide
149358-73-6	Chloramine T hydrate
7080-50-4	Chloramine T trihydrate
25376-45-8	Diaminotoluene (mixed isomers)
111-42-2	Diethanolamine
99-98-9	Dimethyl-p-phenylenediamine
122-39-4	Diphenylamine
541-69-5	m-Phenylenediamine dihydrochloride
93-05-0	N, N -Diethyl-P-Phenylenediamine
552-46-5	Naphtyhylamine hydrochloride
621-64-7	N-Nitrosodi-N-propylamine
86-30-6	N-Nitrosodiphenylamine
77-86-1	Tris base, Tris(hydroxymethyl) aminomethane

Storage Group E

937-14-4	3-Chloroperoxybenzoic acid (organic peroxide see SDS)
13473-90-0	Aluminum nitrate
7784-27-2	Aluminum nitrate nonahydrate
7789-09-5	Ammonium dichromate
6484-52-2	Ammonium nitrate
7790-98-9	Ammonium perchlorate
13446-10-1	Ammonium permanganate
7727-54-0	Ammonium persulfate
10022-31-8	Barium nitrate
10035-06-0	Bismuth (III) nitrate pentahydrate
10361-46-3	Bismuth nitrate oxide
10124-37-5	Calcium nitrate
1305-79-9	Calcium peroxide
16774-21-3	Ceric ammonium nitrate (Ammonium cerium (IV) nitrate)
7789-02-8	Chromium (III) nitrate nonahydrate (chromium nitrate)
1333-82-0	Chromium (VI) oxide
19004-19-4	Copper (II) (Cupric) nitrate hemi(pentahydrate)
3251-23-8	Copper (II) nitrate
13778-31-9	Copper (II) nitrate hydrate
506-93-4	Guanidine nitrate
7722-84-1	Hydrogen peroxide
12029-98-0	Iodopentoxide, Iodine Pentoxide, diiodine Pentoxide
7782-61-8	Iron (III) nitrate nonahydrate (ferric nitrate)
10099-74-8	Lead nitrate
13840-33-0	Lithium hypochlorite
7790-69-4	Lithium nitrate
10377-60-3	Magnesium nitrate

10034-81-8	Magnesium perchlorate
13478-00-7	Nickel (II) nitrate hexahydrate
13138-45-9	Nickel nitrate
10450-60-9	Periodic acid (crystalline powder)
51429-74-4	Phosphomolybdic acid hydrate
7758-01-2	Potassium bromate (solid)
3811-04-9	Potassium chlorate
7778-50-9	Potassium dichromate
7758-05-6	Potassium iodate
7757-79-1	Potassium nitrate
7758-09-0	Potassium nitrite
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
7789-12-0	Sodium dichromate dihydrate
13600-98-1	Sodium hexanitrocobaltate (III)
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)
10196-18-6	Zinc nitrate hexahydrate
13778-30-8	Zinc nitrate hydrate

Storage Group F

10043-35-3	Boric acid
7790-93-4	Chloric acid
10034-85-2	Hydrioic acid
7647-01-0	Hydrochloric acid
37267-86-0	meta-Phosphoric acid
12054-85-2	Molybdic acid ammonium
7697-37-2	Nitric acid
7601-90-3	Perchloric acid
7664-38-2	Phosphoric acid
13598-36-2	Phosphorous acid
7699-41-4	Silicic acid (avoid HF)
7664-93-9	Sulfuric acid

Storage Group G

83-88-5	(-)-Riboflavin
85-85-8	1-(2-Pyridylazo)-2-naphthol
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride
5344-82-1	1-(o-Chlorophenyl)thiourea
66-71-7	1, 10-Phenanthroline
5144-89-8	1, 10-Phenanthroline monohydrate
630-20-6	1,1,1,2-Tetrachloroethane
71-55-6	1,1,1-Trichloroethane (methyl chloroform)
79-34-5	1,1,2,2-Tetrachloroethane
79-00-5	1,1,2-Trichloroethane
5124-30-1	1,1-Methylene bis(4-isocyanatocyclohexane)
120-82-1	1,2,4-Trichlorobenzene
106-93-4	1,2-Dibromoethane (ethylene dibromide)
132-86-5	1,3-Dihydroxynaphthalene, Naphthoresorcinol
104-49-4	1,4-Phenylene diisocyanate
3173-72-6	1,5-Naphthalene diisocyanate
230-46-6	1,7-Phenanthroline
180001-34-7	1400W dihydrochloride
82-28-0	1-Amino-2-methylanthraquinone
90-15-3	1-Naphthol
620-45-1	2, 6-Dichlorophenolindophenol sodium salt hydrate
76-54-0	2, 7 -Dichlorofluorescein (solid)
771-97-1	2,3 -Diaminonaphthalene
88-06-2	2,4,6-Trichlorophenol (solid)
2971-38-2	2,4-D Chlorocrotyl ester
94-11-1	2,4-D Isopropyl ester
615-05-4	2,4-Diaminoanisole
95-80-7	2,4-Diaminotoluene
120-83-2	2,4-Dichlorophenol (crystalline)
105-67-9	2,4-Dimethylphenol
53-96-3	2-Acetylaminofluorene
75-88-7	2-Chloro-1,1,1-trifluoro-ethane (HCFC-133a)
888724-51-4	2-Hydroxyethy-trimethylammonium L-(+)-lactate
149-30-4	2-Mercaptobenzothiazole (MBT)
60-24-2	2-Mercaptoethanol
88-75-5	2-Nitrophenol
90-43-7	2-Phenylphenol
20325-40-0	3, 3-Dimethoxybenzidine dihydrochloride
91-94-1	3,3'-Dichlorobenzidine (solid)
91-97-4	3,3'-Dimethyl-4,4'-diphenylene diisocyanate
56-49-5	3-Methylcholanthrene (solid)
101-80-4	4,4'-Diaminodiphenyl ether
101-77-9	4,4'-Diaminodiphenylmethane
80-05-7	4,4'-Isopropylidenediphenol
101-14-4	4,4'-Methylenebis(2-chloroaniline) (mboca)
101-61-1	4,4'-Methylenebis(N,N-dimethyl) benzenamine
534-52-1	4,6-Dinitro-o-cresol

60-09-3	4-Aminoazobenzene
92-67-1	4-Aminodiphenyl
504-24-5	4-Aminopyridine
100-10-7	4-Dimethylamino benzaldehyde
60-11-7	4-Dimethylaminoazobenzene
92-93-3	4-Nitrobiphenyl
100-02-7	4-Nitrophenol
92-69-3	4-Phenylphenol, 4-Hydroxybiphenyl
99-55-8	5-Nitro-o-toluidine
57-97-6	7,12-Dimethylbenz[a]anthracene
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
79-06-1	Acrylamide
309-00-2	Aldrin
72-48-0	Alizarin red
584-42-9	Alizarin yellow
569-58-4	Aluminon
7446-70-0	Aluminum chloride
7429-90-5	Aluminum non powder
10043-01-3	Aluminum sulfate
17927-65-0	Aluminum sulfate hydrate
7784-31-8	Aluminum sulfate octadecahydrate
54-62-6	Aminopterin
61-82-5	Amitrole
631-61-8	Ammonium acetate
12124-97-9	Ammonium bromide
12125-02-9	Ammonium chloride
12027-06-4	Ammonium iodide
1185-57-5	Ammonium iron (III) citrate, Ferric ammonium citrate
7783-83-7	Ammonium iron (III) sulfate, Ferric ammonium sulfate
13106-76-8	Ammonium molybdate
7783-13-3	Ammonium sodium phosphate dibasic tetrahydrate
7783-20-2	Ammonium sulfate
1762-95-4	Ammonium thiocyanate
101-05-3	Anilazine [4, 6-dichloro-N-(2-chlorophenyl)-1, 3, 5-triazin-2-amine]
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
10361-37-2	Barium chloride
10326-27-9	Barium chloride dihydrate
63126-89-6	Benedict's reagent
56-55-3	Benz[a]anthracene (solid)
55-21-0	Benzamide

100-14-1	Benzene, 1-(chloromethyl)-4-nitro-
98-05-5	Benzenearsonic acid
92-87-5	Benzidine
50-32-8	Benzo[a]pyrene
57-64-7	Benzoic acid, 2-hydroxy-, compound with (3as-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3,b]indol-5-ylmethylcarbamate ester (1:1)
992-59-6	Benzopurpurin 4B
140-29-4	Benzyl cyanide
7440-41-7	Beryllium powder
91-59-8	Beta-naphthylamine
82657-04-3	Bifenthrin (solid)
92-52-4	Biphenyl (crystalline)
7440-69-9	Bismuth
6104-58-1	Brilliant blue G
633-03-4	Brilliant green, Malachite green
28772-56-7	Bromadiolone
76-60-8	Bromocresol green
115-40-2	Bromocresol purple
75-25-2	Bromoform (tribromomethane)
115-39-9	Bromophenol blue
76-59-5	Bromothymol blue
34722-90-2	Bromothymol blue sodium salt
75-63-8	Bromotrifluoromethane (halon 1301)
83-46-5	b-Sitosterol
81-88-9	C.I. Food red 15 (Rhodamine B)
97-56-3	C.I. Solvent yellow 3
7440-43-9	Cadmium
10325-94-7	Cadmium ion standard (cadmium nitrate)
1306-19-0	Cadmium oxide
2223-93-0	Cadmium stearate
7778-44-1	Calcium arsenate
71626-99-8	Calcium bromide hydrate
471-34-1	Calcium carbonate
10043-52-4	Calcium chloride anhydrous
1305-78-8	Calcium oxide
7778-18-9	Calcium sulfate
56-25-7	Cantharidin
51-83-2	Carbachol chloride
644-64-4	Carbamic acid, dimethyl-, 1-[(dimethylamino)carbonyl]-5-methyl-1h-pyrazol-3-yl ester
63-25-2	Carbaryl [1-naphthalenol, methylcarbamate] (solid)
1563-66-2	Carbofuran
7440-44-0	Carbon (activated Charcoal)
56-23-5	Carbon tetrachloride
7647-17-8	Cesium chloride
56-75-7	Chloramphenicol
57-74-9	Chlordane

75-45-6	Chlorodifluoromethane (HCFC-22)
67-66-3	Chloroform
865-49-6	Chloroform-d
63938-10-3	Chlorotetrafluoroethane
75-72-9	Chlorotrifluoromethane (CFC-13)
1982-47-4	Chloroxuron
60-31-1	Choline (Acetylcholine chloride)
7440-47-3	Chromium
10025-73-7	Chromium (III) chloride (Chromic chloride)
1308-38-9	Chromium (III) oxide (Chromic oxide)
3564-18-9	Chromoxane cyanine (Eriochrome)
7440-48-4	Cobalt
71-48-7	Cobalt (II) acetate
7646-79-9	Cobalt (II) chloride
7791-13-1	Cobalt (II) chloride hexahydrate
10141-05-6	Cobalt (II) nitrate
10124-43-3	Cobalt (II) sulfate
10026-24-1	Cobalt (II) sulfate heptahydrate
64-86-8	Colchicine
573-58-0	Congo Red
7440-50-8	Copper
7758-89-6	Copper (I) chloride (cuprous)
1317-39-1	Copper (I) oxide (cuprous)
7758-99-8	Copper (II) (Cupric) sulfate pentahydrate
142-71-2	Copper (II) acetate (cupric)
12069-69-1	Copper (II) carbonate
7447-39-4	Copper (II) chloride
10125-13-0	Copper (II) chloride dihydrate
1317-38-0	Copper (II) oxide
7758-98-7	Copper (II) sulfate (cupric)
8001-30-7	Corn oil
56-72-4	Coumaphos
5836-29-3	Coumatetralyl
1733-12-6	Cresol red
535-89-7	Crimidine
548-62-9	Crystal violet
21725-46-2	Cyanazine
506-68-3	Cyanogen bromide (crystalline)
506-78-5	Cyanogen iodide
675-14-9	Cyanuric fluoride
66-81-9	Cycloheximide
65-46-3	Cytidine
71-30-7	Cytosine
10323-20-3	D-(-)-Arabinose
138-52-3	D-(-)-Salicin
66-84-2	D-(+)-Glucosamine hydrochloride
3458-28-4	D-(+)-Mannose
17629-30-0	D-(+)-Raffinose pentahydrate

9011-18-1	Dextran sulfate sodium salt
61790-53-2	Diatomaceous earth, celite
68855-54-9	Diatomite, diatomaceous earth, celite, acid washed
333-41-5	Diazinon
53-70-3	Dibenzo(a, h)anthracene
132-64-9	Dibenzofuran (crystalline)
84-74-2	Dibutyl phthalate
99-30-9	Dichloran [2, 6-dichloro-4-nitroaniline]
75-27-4	Dichlorobromomethane
75-09-2	Dichloromethane (methylene chloride)
127564-92-5	Dichloropentafluoropropane
97-23-4	Dichlorophene [2, 2'-methylene-bis(4-chlorophenol)]
76-14-2	Dichlorotetrafluoroethane (cfc-114)
62-73-7	Dichlorvos
38727-55-8	Diethatyl ethyl
71-63-6	Digitoxin
101-90-6	Diglycidyl resorcinol ether
94-58-6	Dihydrosafrole
55-91-4	Diisopropylfluorophosphate (DFP)
60-51-5	Dimethoate
2524-03-0	Dimethyl chlorothiophosphate
131-11-3	Dimethyl phthalate
2300-66-5	Dimethylamine dicamba
95-45-4	Dimethylglyoxime (flammable solid)
78-34-2	Dioxathion
82-66-6	Diphacinone
957-51-7	Diphenamid
101-84-8	Diphenyl ether (Phenyl ether)
107-49-3	Diphosphoric acid, tetraethyl ester
541-53-7	Dithiobiuret
10318-18-0	DL-Cystenine hydrochloride
72-20-8	Endrin
50-14-6	Ergocalciferol
1787-61-7	Eriochrome
1239-45-8	Ethidium bromide
563-12-2	Ethion
13194-48-4	Ethoprop
759-94-4	Ethyl dipropylthiocarbamate [EPTC]
107-21-1	Ethylene glycol
96-45-7	Ethylene thiourea
6381-92-6	Ethylenediaminetetraacetic acid disodium salt dihydrate
52-85-7	Famphur
55-38-9	Fenthion [o, o-dimethyl o-[3-methyl-4-(methylthio)phenyl]ester, phosphorothioic acid]
1343-88-0	Florisil (Magnesium silicate)
2321-07-5	Fluorescein
359-06-8	Fluoroacetyl chloride
51-21-8	Fluorouracil

107-16-4	Formaldehyde cyanohydrin
75-12-7	Formamide
23422-53-9	Formetanate hydrochloride
76-13-1	Freon 113 [ethane, 1, 1, 2-trichloro-1, 2, 2-trifluoro-]
57-48-7	Fructose
8031-18-3	Fullers Earth
59-23-4	Galactose
9000-70-8	Gelatin
50-99-7	Glucose (Dextrose)
492-62-6	Glucose solution, alpha D Glucose
56-81-5	Glycerol
56-40-6	Glycine
7782-42-5	Graphite
50-01-1	Guanidine hydrochloride
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
57-09-0	Hexadecyltrimethylammonium bromide
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)
10034-93-2	Hydrazine sulfate salt
79-19-6	Hydrazinecarbothioamide
123-31-9	Hydroquinone
68-94-0	Hypoxanthine
482-89-3	Indigo
860-22-0	Indigo carmine
120-72-9	Indole
87-89-8	Inositol
7553-56-2	Iodine
305-53-3	Iodoacetic acid sdium salt
7439-89-6	Iron
10045-89-3	Iron (II) ammonium sulfate (Ferrous)
13478-10-9	iron (II) chloride tetrahydrate (Ferrous chloride tetrahydrate)
7782-63-0	Iron (II) sufate heptahydrate (ferrous)
13463-43-9	Iron (II) sulfate hydrate (Ferrous sulfate)
7705-08-0	iron (III) chloride (Ferric chloride)
10025-77-1	Iron (III) chloride hexahydrate (ferric)
2338-05-8	Iron (III) citrate tribasic monohydrate (ferric)
102-36-3	Isocyanic acid, 3,4-dichlorophenyl ester
465-73-6	Isodrin
4098-71-9	Isophorone diisocyanate
120-58-1	Isosafrole

9000-36-6	Karaya gum
5328-37-0	L-(+)-Arabinose
63-42-3	Lactose
1312-81-8	Lanthanum (III) oxide
30925-07-6	L-Cystine dihydrochloride
7439-92-1	Lead
6080-56-4	Lead (II) acetate trihydrate
592-87-0	Lead (II) thiocyanate
301-04-2	Lead acetate
1335-32-6	Lead subacetate
56-85-9	L-Glutamine
58-89-9	Lindane
3087-16-9	Lissamine green
554-13-2	Lithium carbonate
7447-41-8	Lithium chloride
867-55-0	Lithium lactate
10377-48-7	Lithium sulfate
1393-92-6	Litmus granular
500-44-7	L-Mimosine
9000-40-2	Locust bean gum
10030-85-0	L-Rhamnose monohydrate
6155-35-7	L-Rhamnose monohydrate
16674-78-5	Magnesium acetate tetrahydrate
39409-82-0	Magnesium carbonate
7786-30-3	Magnesium chloride
7791-18-6	Magnesium chloride hexahydrate (crystals)
13446-18-9	Magnesium nitrate hexahydrate
7487-88-9	Magnesium sulfate
10034-99-8	Magnesium sulfate heptahydrate
569-64-2	Malachite green
2437-29-8	Malachite green oxalate salt
121-75-5	Malathion
34156-69-9	Manganese (II) carbonate hydrate
7773-01-5	Manganese (II) chloride
13446-34-9	Manganese (II) chloride tetrahydrate
15244-36-7	Manganese (II) sulfate hydrate (Manganous sulfate)
10034-96-5	Manganese (II) sulfate monohydrate
1313-13-9	Manganese (IV) oxide, Manganese dioxide
7439-96-5	Manganese (not powder)
69-65-8	Mannitol
64-00-6	m-Cumenyl methylcarbamate
93-65-2	Mecoprop
950-10-7	Mephosfolan
1600-27-7	Mercuric acetate
7487-94-7	Mercuric chloride
21908-53-2	Mercuric oxide
7439-97-6	Mercury
7774-29-0	Mercury (II) iodide, Mercuric iodide

7783-34-8	Mercury (II) nitrate monohydrate, Mercuric nitrate monohydrate
7783-35-9	Mercury (II) sulfate, Mercuric sulfate
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
134-20-3	Methyl anthranilate
7114-03-6	Methyl green
74-88-4	Methyl iodide
547-58-0	Methyl orange
298-00-0	Methyl parathion
1340-02-9	Methyl purple
493-52-7	Methyl red
119-36-8	Methyl salicylate
2433-97-8	Methyl tricosanoate
8004-87-3	Methyl violet
61-73-4	Methylene blue
502-39-6	Methylmercuric dicyanamide
7786-34-7	Mevinphos
90-94-8	Michler's ketone
8042-47-5	Mineral oil
50-07-7	Mitomycin c
7439-98-7	Molybdenum
1313-27-5	Molybdenum trioxide
76-15-3	Monochloropentafluoroethane (CFC-115)
6923-22-4	Monocrotophos
7440-02-0	Nickel
7718-54-9	Nickel (II) chloride
7791-20-0	Nickel (II) chloride hexahydrate
1313-99-1	Nickel (II) oxide
10101-97-0	Nickel (II) sulfate hexahydrate
54-11-5	Nicotine
65-30-5	Nicotine sulfate
8005-03-6	Nigrosin
3625-57-8	Nile blue A
485-47-2	Ninhydrin
924-42-5	N-Methylolacrylamide
59-89-2	N-Nitrosomorpholine
297-97-2	O,O-Diethyl O-pyrazinyl phosphorothioate
78-53-5	O,O-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate
90-04-0	o-Anisidine
1320-06-5	Oil Red O
6153-39-5	Orcinol monohydrate
630-60-4	Ouabain

78-71-7	Oxetane, 3,3-bis(chloromethyl)-
104-94-9	p-anisidine
8012-95-1	Paraffin oil
25620-78-4	Pararosaniline
569-61-9	Pararosaniline hydrochloride
56-38-2	Parathion
12002-03-8	Paris green
106-47-8	p-chloroaniline
95-69-2	p-chloro-o-toluidine
100-25-4	p-dinitrobenzene
76-01-7	Pentachloroethane
87-86-5	Pentachlorophenol (PCP)
594-42-3	Perchloromethylmercaptan
85-01-8	Phenanthrene
143-74-8	Phenol red
34487-61-1	Phenol red sodium salt
88-85-7	Phenol, 2-(1-methylpropyl)-4,6-dinitro- (dinoseb)
77-09-8	Phenolphthalein
58-36-6	Phenoxarsine, 10,10'-oxydi-
59-88-1	Phenylhydrazine hydrochloride
62-38-4	Phenylmercury acetate
2097-19-0	Phenylsilatrane
103-85-5	Phenylthiourea
57-41-0	Phenytoin
947-02-4	Phosfolan
13171-21-6	Phosphamidon
8002-43-5	Phosphatidylcholine, Lecithin
57-47-6	Physostigmine
124-87-8	Picrotoxin
51-03-6	Piperonyl butoxide
100-01-6	p-nitroaniline
9005-64-5	Polyoxyethylene 20 sorbitan monolaurate
127-08-2	Potassium acetate
10124-50-2	Potassium arsenite
298-14-6	Potassium bicarbonate
7758-02-3	Potassium bromide
584-08-7	Potassium carbonate
7447-40-7	Potassium chloride
7789-00-6	Potassium chromate
590-28-3	Potassium cyanate
13746-66-2	Potassium ferricyanide, potassium hexacyanoferate
13943-58-3	Potassium ferrocyanide, potassium hexacyanoferrate(II) trihydrate
7789-23-3	Potassium fluoride
7681-11-0	Potassium iodide
868-14-4	Potassium L-tartrate monobasic
6487-48-5	Potassium oxalate
7758-11-4	Potassium phosphate dibasic
7778-77-0	Potassium phosphate monobasic

506-61-6	Potassium silver cyanide
6381-59-5	Potassium sodium tartrate tetrahydrate
7778-80-5	Potassium sulfate
10117-38-1	Potassium sulfite
6100-19-2	Potassium tartrate dibasic hemihydrate
333-20-0	Potassium thiocyanate
106-50-3	p-phenylenediamine
23950-58-5	Pronamide
1120-71-4	Propane sultone
70-69-9	Propiophenone, 4'-amino
121-79-9	Propyl gallate
1332-09-8	Pumice stone
129-00-0	Pyrene
115-41-3	Pyrocatechol violet
87-66-1	Pyrogallol
92-32-0	Pyronin Y
91-22-5	Quinoline
82-68-8	Quintozene [pentachloronitrobenzene]
1555-56-2	rac-Glycerol 1-phosphate disodium salt
62758-13-8	Resazurin sodium salt
50-55-5	Reserpine
108-46-3	Resorcinol, 1,3-Benzenediol
78-48-8	S,S,S-tributyltrithiophosphate (DEF)
81-07-2	Saccharin (manufacturing, no supplier notification)
128-44-9	Saccharin sodium
82385-42-0	Saccharin sodium
94-59-7	Safrole
9050-94-6	Sephadex G-10
112945-52-5	Silica
7631-86-9	Silica
112926-00-8	Silica gel, Silicon dioxide
409-21-2	Silicon carbide
14808-60-7	Silicon dioxide (sand)
63148-62-9	Silicone oil
7440-22-4	Silver
563-63-3	Silver acetate
10294-26-5	Silver sulfate
127-09-3	Sodium acetate
7631-89-2	Sodium arsenate
7784-46-5	Sodium arsenite, solid
144-55-8	Sodium bicarbonate
7681-38-1	Sodium bisulfate
10034-88-5	Sodium bisulfate monohydrate
7631-90-5	Sodium bisulfite
7647-15-6	Sodium bromide
124-65-2	Sodium cacodylate
497-19-8	Sodium carbonate
9004-32-4	Sodium carboxymethyl cellulose

7647-14-5	Sodium chloride
7775-11-3	Sodium chromate
6132-04-3	Sodium citrate
1236-96-5	Sodium diacetate
128-04-1	Sodium dimethyldithiocarbamate
7681-49-4	Sodium floride
7681-82-5	Sodium iodide
7681-57-4	Sodium metabisulfite
62-76-0	Sodium oxalate
7558-80-7	Sodium phosphate monobasic
10049-21-5	Sodium phosphate monobasic monohydrate
13410-01-0	Sodium selenate
10102-18-8	Sodium selenite
7757-82-6	Sodium sulfate
1313-84-4	Sodium sulfide nonahydrate
7757-83-7	Sodium sulfite
10102-20-2	Sodium tellurite
1303-96-4	Sodium tetraborate decahydrate
1330-43-4	Sodium tetraborate, sodium borate
540-72-7	Sodium thiocyanate
7772-98-7	Sodium thiosulfate
10102-17-7	Sodium thiosulfate pentahydrate
50-70-4	Sorbitol
9005-25-8	Starch
9005-84-9	Starch
57-24-9	Strychnine
57-50-1	Sucrose
7704-34-9	Sulfur
79-94-7	Tetrabromobisphenol A
64-75-5	Tetracycline hydrochloride
3689-24-5	Tetraethyldithiopyrophosphate
9002-84-0	Tetrafluoroethylene Peroxide Former
7440-28-0	Thallium
6533-73-9	Thallous carbonate
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
76-61-9	Thymol Blue
125-20-2	Thymolphthalein
7440-31-5	TIn
7772-99-8	Tin (II) chloride
7646-78-8	Tin (IV) chloride, stannic chloride
12070-08-5	Titanium (IV) carbide
119-93-7	Tolidine
8001-35-2	Toxaphene

68-76-8	Triaziquone [2, 5-cyclohexadiene-1, 4-dione, 2, 3, 5-tris(1-aziridinyl)-]
24017-47-8	Triazophos
1983-10-4	Tributyltin fluoride
52-68-6	Trichlorfon [phosphonic acid, (2, 2, 2-trichloro-1-hydroxyethyl)-, dimethyl ester]
75-69-4	Trichlorofluoromethane (CFC-11)
327-98-0	Trichloronate
76-87-9	Triphenyltin hydroxide
57455-37-5	Ultramarine blue ebex
57-13-6	Urea
7440-62-2	Vanadium (except when contained in an alloy)
1314-62-1	Vanadium pentoxide
81-81-2	Warfarin
129-06-6	Warfarin sodium
7732-18-5	Water
28347-13-9	Xylylene dichloride
7646-85-7	Zinc chloride
1314-13-2	Zinc oxide

Storage Group J

7664-41-7	Ammonia
74-83-9	Bromomethane
116-15-4	Hexafluoropropylene
7446-09-5	Sulfur dioxide

Storage Group K

556-88-7	Nitroguanidine
288-94-8	Tetrazole
124-47-0	Urea nitrate

Storage Group L

123-73-9	(e)-Crotonaldehyde
5989-54-8	(S)-(-)-Limonene
96-12-8	1,2-Dibromo-3-chloropropane
95-50-1	1,2-Dichlorobenzene
541-73-1	1,3-Dichlorobenzene
764-41-0	1,4-Dichloro-2-butene
106-46-7	1,4-Dichlorobenzene
111-29-5	1,5-Pentanediol
71-41-0	1-Pentanol
109-67-1	1-Pentene
71-23-8	1-Propanol
88-06-2	2,4,6-Trichlorophenol (solution)
88-05-1	2,4,6-Trimethyl-aniline
120-83-2	2,4-Dichlorophenol (solution)
51-28-5	2,4-Dinitrophenol Solution
119-26-6	2,4-Dinitrophenylhydrazine
87-62-7	2,6-Xylidine

76-54-0	2,7-Dichlorofluorescein (solution)
78-92-2	2-Butanol (sec butanol)
78-93-3	2-Butanone (MEK)
532-27-4	2-Chloroacetophenone (solid)
110-80-5	2-Ethoxyethanol
88-09-5	2-Ethylbutyric acid
109-86-4	2-Methoxyethanol
109-06-8	2-Methylpyridine
79-46-9	2-Nitropropane
67-63-0	2-Propanol Peroxide Former
2530-85-0	3-(Trimethoxysilyl) propyl methacrylate
91-94-1	3,3'-Dichlorobenzidine (solution)
91-93-0	3,3'-Dimethoxybenzidine-4,4'-diisocyanate
542-76-7	3-Chloropropionitrile
56-49-5	3-Methylcholanthrene (solution)
105-57-7	Acetal Peroxide Former
67-64-1	Acetone
75-05-8	Acetonitrile
98-86-2	Acetophenone
107-13-1	Acrylonitrile, inhibited
111-69-3	Adiponitrile
557-40-4	Allyl ether
98-16-8	Benzenamine, 3-(trifluoromethyl)-
71-43-2	Benzene
108-98-5	Benzenethiol
100-44-7	Benzyl chloride
103-50-4	Benzyl ether
100-46-9	Benzylamine
110-47-4	Beta-isopropoxypropionitrile
82657-04-3	Bifenthrin (solution)
92-52-4	Biphenyl (solution)
534-07-6	Bis(chloromethyl) ketone (solid)
542-88-1	Bis(chloromethyl)ether
106-99-0	Butadiene Peroxide Former
141-32-2	Butyl acrylate
63-25-2	Carbaryl [1-naphthalenol, methylcarbamate] (solution)
75-15-0	Carbon disulfide (Flammable avoid amines see MSDS)
107-30-2	Chloromethyl methyl ether
8001-58-9	Creosote
1319-77-3	Cresol (mixed isomers)
4170-30-3	Crotonaldehyde
98-82-8	Cumene Peroxide Former
110-82-7	Cyclohexane
108-93-0	Cyclohexanol
110-83-8	Cyclohexene Peroxide Former
108-91-8	Cyclohexylamine
931-87-3	Cyclooctene Peroxide Former
142-29-0	Cyclopentene Peroxide Former

91-17-8	Decahydronaphthalene
919-86-8	Demeton-s-methyl
132-64-9	Dibenzofuran (solution)
75-71-8	Dichlorodifluoromethane (cfc-12)
111-44-4	Dichloroethyl ether
75-43-4	Dichlorofluoromethane (HCFC-21)
696-28-6	Dichlorophenylarsine
77-73-6	Dicyclopentadiene Peroxide Former
1464-53-5	Diepoxybutane
462-95-3	Diethoxymethane
814-49-3	Diethyl chlorophosphate
111-96-6	Diethylene glycol dimethyl ether Peroxide Former
109-87-5	Dimethoxymethane
77-78-1	Dimethyl sulfate
67-68-5	Dimethyl sulfoxide DMSO
2206-27-14-17-5	Dimethyl sulfoxide-d6
124-40-3	Dimethylamine
123-91-1	Dioxane Peroxide Former
821-08-9	Divinyl acetylene Peroxide Former
64-17-5	Ethanol (ethyl alcohol)
141-78-6	Ethyl acetate
140-88-5	Ethyl acrylate Peroxide Former
105-54-4	Ethyl butyrate
75-00-3	Ethyl chloride
107-12-0	Ethyl cyanide
60-29-7	Ethyl ether Peroxide Former
75-04-7	Ethylamine
100-41-4	Ethylbenzene
74-85-1	Ethylene
371-62-0	Ethylene fluorohydrin
110-71-4	Ethylene glycol dimethyl ether Peroxide Former
75-34-3	Ethylidene dichloride
542-90-5	Ethylthiocyanate
115-21-9	Ethyltrichlorosilane
944-22-9	Fonofos
50-00-0	Formaldeyde
110-00-9	Furan Peroxide Former
90-05-1	Guaiacol (crystalline)
142-82-5	Heptane
110-54-3	Hexane
123-51-3	Isoamyl alcohol, 3-Methyl-1-butanol
78-82-0	Isobutyronitrile
540-84-1	Isooctane (2,2,4-Trimethylpentane)
98-82-8	Isopropyl benzene
108-23-6	Isopropyl chloroformate
108-20-3	Isopropyl ether Peroxide Former
78-97-7	Lactonitrile

25999-20-6	Lasalocid A sodium salt solution
97660-01-0	Lavender oil, 45%
109-77-3	Malononitrile (solid)
760-93-0	Methacrylic anhydride
126-98-7	Methacrylonitrile
67-56-1	Methanol (Methyl alcohol)
80-63-7	Methyl 2-chloroacrylate
74-99-7	Methyl acetylene Peroxide Former
96-33-3	Methyl acrylate
74-87-3	Methyl chloride
96-37-7	Methyl cyclopentane Peroxide Former
108-10-1	Methyl isobutyl ketone (MIBK) Peroxide Former
67-68-5	Methyl sulfoxide
1634-04-4	Methyl tert-butyl ether
68-12-2	N,N-Dimethylformamide
91-20-3	Naphthalene
71-36-3	n-Butanol
1122-60-7	Nitrocyclohexane
75-52-5	Nitromethane (avoid amines see MSDS)
872-50-4	N-Methyl-2-pyrrolidone
62-75-9	N-Nitrosodimethylamine
100-75-4	N-Nitrosopiperidine
95-48-7	o-Cresol (powder)
95-53-4	o-Toluidine
95-47-6	o-Xylene
106-51-4	p-Benzoquinone (Quinone) (powder)
106-44-5	p-cresol (crystalline /liquid)
109-66-0	Pentane
8032-32-4	Petroleum ether
108-95-2	Phenol
110-89-4	Piperidine
123-38-6	Propionaldehyde
106-42-3	p-Xylene
110-86-1	Pyridine
151-21-3	Sodium dodecyl sulfate (solid)
100-42-5	Styrene Peroxide Former
75-65-0	tert-Butanol
597-64-8	Tetraethyltin
109-99-9	Tetrahydrofuran Peroxide Former
119-64-2	Tetrahydronaphthalene Peroxide Former
75-74-1	Tetramethyllead
108-88-3	Toluene (Methyl benzene)
102-71-6	Triethanolamine
121-44-8	Triethylamine
51-79-6	Urethane (ethyl carbamate) (crystalline)
108-05-4	Vinyl acetate
108-05-4	Vinyl acetate Peroxide Former
75-01-4	Vinyl chloride Peroxide Former

109-93-3	Vinyl ether Peroxide Former
	Vinyl pyridine Peroxide Former
1330-20-7	Xylene (mixed isomers)

Storage Group X

57-14-7	1,1-Dimethylhydrazine
96-18-4	1,2,3-Trichloropropane
78-88-6	2,3-Dichloropropene
121-14-2	2,4-Dinitrotoluene
606-20-2	2,6-Dinitrotoluene
75-86-5	2-Methyllactonitrile
107-02-8	Acrolein
814-68-6	Acrylyl chloride
107-18-6	Allyl alcohol
107-05-1	Allyl chloride
107-11-9	Allylamine
7429-90-5	Aluminum powder
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
10210-68-1	Cobalt carbonyl
334-88-3	Diazomethane
64-67-5	Diethyl sulfate
109-89-7	Diethylamine
75-78-5	Dimethyldichlorosilane
25321-14-6	Dinitrotoluene (mixed isomers)
106-89-8	Epichlorohydrin
541-41-3	Ethyl chloroformate
107-15-3	Ethylenediamine
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
99-65-0	m-Dinitrobenzene
920-46-7	Methacryloyl chloride
79-22-1	Methyl chloroformate
60-34-4	Methyl hydrazine
624-83-9	Methyl isocyanate
74-93-1	Methyl mercaptan
80-62-6	Methyl Methacrylate Peroxide Former Flammable avoid amines inorganics
80-62-6	Methyl methracrylate
556-64-9	Methyl thiocyanate

78-94-4	Methyl vinyl ketone
74-95-3	Methylene bromide
101-68-8	Methylenebis(phenylisocyanate) (MDI)
98-95-3	Nitrobenzene
55-63-0	Nitroglycerine
104-12-1	p-Chlorophenyl isocyanate
79-21-0	Peracetic 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
151-50-8	Potassium cyanide
107-19-7	Propargyl alcohol
109-61-5	Propyl chloroformate
7723-14-0	Red phosphorus
26628-22-8	Sodium azide
143-33-9	Sodium cyanide
64568-18-9	Sodium hydrogen sulfide
60-41-3	Strychnine, sulfate
505-60-2	Sulfur mustard (mustard gas H)
7446-11-9	Sulfur trioxide
77-81-6	Tabun
78-00-2	Tetraethyl lead
584-84-9	Toluene-2,4-diisocyanate
91-08-7	Toluene-2,6-diisocyanate
26471-62-5	Toluenediisocyanate (mixed isomers)
1558-25-4	Trichloro(chloromethyl)silane
79-01-6	Trichloroethylene
824-11-3	Trimethylolpropane phosphite
57-57-8	β-Propiolactone