

Examples of Hazardous Chemicals

A-Acids

Liquids

- 1 Acetic acid 64-19-7
- 2 Acetic anhydride 108-24-7
- 3 Butyric acid 107-92-6
- 4 Chromosulfuric acid 14489-25-9
- 5 Formic acid 64-18-6
- 6 Hydrobromic acid 10035-10-6
- 7 Hydrochloric acid 7647-01-0
- 8 Hydrofluoric acid 7664-39-3
- 9 Lactic acid 50-21-5
- 10 Nitric acid 7697-37-2
- 11 Perchloric acid 7601-90-3
- 12 Phenol solution (carbolic acid) 108-95-2
- 13 Phosphoric acid 7664-38-2
- 14 Propionic acid 79-09-4
- 15 Sulfuric acid 7664-93-9
- 16 Trifluoroacetic acid 76-05-1

Solids

- 17 Benzoic acid 65-85-0
- 18 Cacodylic acid 75-60-5
- 19 Maleic acid 110-16-7
- 20 Oxalic acid 144-62-7
- 21 Periodic acid 10450-60-9
- 22 Salicylic acid 69-72-7
- 23 Tannic acid 1401-55-4
- 24 Trichloroacetic acid 76-03-9

B-Corrosive Materials

Liquids

- 25 Ammonium hydroxide 1336-21-6
- 26 Cresol 1319-77-3
- 27 Hydrazine 302-01-2
- 28 Morpholine 110-91-8
- 29 Potassium hydroxide solution 1310-58-3

30 Sodium hydroxide solution 1310-73-2

Solids

31 Aluminum sulfate 10043-01-3

32 Calcium hydroxide 1305-62-0

33 Chromic trioxide 1333-82-0

34 Ferric chloride 7705-08-0

35 Ferrous sulfate 7720-78-7

36 Iodine 7553-56-2

37 Phosphorus pentoxide 1314-56-3

38 Potassium dichromate 7778-50-9

39 Potassium hydroxide 1310-58-3

40 Sodium hydroxide 1310-73-2

C-Cryogenic Materials

41 Nitrogen, refrigerated liquid 7727-37-9

42 Carbon dioxide, solid 124-38-9

D-Gases

43 Compressed air

44 Germane 7782-65-2

45 Helium 7440-59-7

46 Hydrogen 1333-74-0

47 Mixtures of N₂, O₂, CO₂

48 Oxygen, 100% 7782-44-7

49 Propane 74-98-6

50 Silane 7803-62-5

51 Sulfur dioxide 7446-09-5

E-Flammable Liquids

52 Acetaldehyde 75-07-0

53 Acetone 67-64-1

54 Acetonitrile 75-05-8

55 Amyl acetate 628-63-7

56 Amyl alcohol 71-41-0

57 Benzaldehyde 100-52-7

58 Benzene 71-43-2

- 60 Butyl alcohol 71-36-3
- 61 Carbon disulfide 75-15-0
- 62 Cyclohexane 110-82-7
- 63 Dimethyl sulfide 75-18-3
- 64 Dioxane 123-91-1
- 65 Ethyl acetate 141-78-6
- 66 Ethyl alcohol 64-17-5
- 67 Ethyl ether 60-29-7
- 68 Ethylene dichloride 107-06-2
- 69 Heptane 142-82-5
- 70 Hexane 110-54-3
- 73 Isoamyl alcohol 123-51-3
- 74 Isobutyl alcohol 78-83-1
- 75 Isopropyl alcohol 67-63-0
- 76 Kerosene 8008-20-6
- 77 Methyl alcohol 67-56-1
- 78 Methyl ethyl ketone 78-93-3
- 79 Mineral spirits 64475-85-0
- 80 Pentane 109-66-0
- 81 Petroleum ether 8032-32-4
- 82 Propyl alcohol 71-23-8
- 83 Pyridine 110-86-1
- 84 Tetrahydrofuran 109-99-9
- 85 Toluene 108-88-3
- 86 Triethylamine 121-44-8
- 87 Xylenes 1330-20-7

F-Reactive Chemicals

Liquids

- 59 Benzyl chloride 100-44-7
- 71 Hydrogen peroxide solution, >3% 7722-84-1
- 72 Hypochlorite solution (bleach) >10%

Solids

- 88 Benzoyl peroxide 94-36-0
- 89 Lithium aluminum hydride 16852-85-3
- 90 Magnesium, metal 7439-95-4
- 91 Osmium tetroxide 20816-12-0

- 92 Picric acid, wet 88-89-1
- 93 Potassium nitrate 7757-79-1
- 94 Potassium nitrite 7758-09-0
- 95 Potassium permanganate 7722-64-7
- 96 Potassium, metal 7440-09-7
- 97 Sodium borohydride 16940-66-2
- 98 Sodium, metal 7440-23-5

G-Toxic Chemicals

Liquids

- 99 Aniline 62-53-3
- 100 Benzyl alcohol 100-51-6
- 101 Bromine 7726-95-6
- 102 Diethylene glycol 111-46-6
- 103 Dimethyl sulfoxide 67-68-5
- 104 Dimethylformamide 68-12-2
- 105 Ethylene glycol 107-21-1
- 106 Formamide 75-12-7
- 107 Glutaraldehyde solution 367-47-5
- 108 Glycerin 56-81-5
- 109 Mercaptoethanol 60-24-2
- 110 Mercury 7439-97-6
- 111 Nitrobenzene 98-95-3
- 112 Piperidine 110-89-4

Solids

- 113 Alpha-amanatin 23109-05-9
- 114 Benzophenone 119-61-9
- 115 Cobaltous chloride 7646-79-9
- 116 Colchicine 64-86-8
- 117 Cupric sulfate 7748-98-7
- 118 Cycloheximide 66-81-9
- 119 Ethidium bromide 1239-45-8
- 120 Hydroquinone 123-31-9
- 121 Hydroxyquinoline 148-24-8
- 122 Mercuric acetate 1600-27-7
- 123 Mercuric oxide 21908-53-2
- 124 Nitroaniline 100-01-6