

Aluminum Chemical Compatibility Chart

ver 20-Oct-2022

Aluminum Chemical Compatibility Chart

Chemical

Acetaldehyde (ethanal)	B
Acetamide (ethanamide)	A
Acetate Solvents	A
Acetic Acid	C
Acetic Acid, 10%	C
Acetic Acid, 20%	C
Acetic Acid, 30%	C
Acetic Acid, 50%	C
Acetic Acid, 80%	C
Acetic Acid, aerated	C
Acetic Acid, air free	C
Acetic Acid, crude	C
Acetic Acid, glacial	C
Acetic Acid Vapors	B
Acetic Anhydride	A
Acetone	A
Acetone Cyanohydrin	B
Acetonitrile (methyl cyanide)	A
Acetophenone (acetyl benzene)	B
Acetyl Acetone	D
Acetyl Chloride, dry	D
Acetyl Salicylic Acid (aspirin)	D
Acetylene	A
Acetylene Tetrabromide	D
Acrolein (acrylaldehyde)	B
Acrylonitrile (vinyl cyanide)	B
Adipic Acid	A
Alcohols: Allyl	B
Alcohols: Amyl (1-pentanol)	B
Alcohols: Benzyl (phenol carbinol)	B

Chemical

Alcohols: Butyl (butanol)	B
Alcohols: Capryl (octanol)	A
Alcohols: Diacetone (tyranton)	A
Alcohols: Ethyl (ethanol)	B
Alcohols: Fatty	B
Alcohols: Hexyl (1-hexanol)	A
Alcohols: Isobutyl (2-methyl-1-propanol)	B
Alcohols: Isopropyl (2-propanol)	B
Alcohols: Methyl (methanol)	A
Alcohols: Octyl (caprylic alcohol)	A
Alcohols: Propyl (propanol)	A
Allyl Alcohol	B
Allyl Bromide	D
Allyl Chloride	D
Alum (aluminum potassium sulfate)	C
Aluminum Acetate	A
Aluminum Chloride	D
Aluminum Chloride, 20%	D
Aluminum Chlorohydroxide	D
Aluminum Fluoride	B
Aluminum Hydroxide	B
Aluminum Nitrate	D
Aluminum Oxalate	B
Aluminum Potassium Sulfate, 10%	C
Aluminum Potassium Sulfate, 100%	C
Aluminum Sulfate	B
Alums	A
Amines	B
Ammonia, 10% (ammonium hydroxide)	A
Ammonia Nitrate	C

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Ammonia, anhydrous	B
Ammonia, liquid	A
Ammonium Acetate	A
Ammonium Bicarbonate	B
Ammonium Bifluoride	B
Ammonium Bromide, 5%	D
Ammonium Carbonate	B
Ammonium Chloride (sal ammoniac)	B
Ammonium Dichromate	A
Ammonium Fluoride	D
Ammonium Hydroxide (aqueous ammonia)	B
Ammonium Metaphosphate	B
Ammonium Monosulfide	D
Ammonium Nitrate	B
Ammonium Oxalate, 5%	A
Ammonium Persulfate	D
Ammonium Phosphate, dibasic	B
Ammonium Phosphate, monobasic	B
Ammonium Phosphate, tribasic	B
Ammonium Sulfate	D
Ammonium Sulfide	B
Ammonium Sulfite	D
Ammonium Thiocyanate	C
Ammonium Thiosulfate	A
Amyl Acetate (banana oil)	B
Amyl Alcohol	B
Amyl Chloride (chloropentane)	A
Amyl Phenol	A
Anhydrous Ammonia	B
Aniline	C
Aniline Dyes	C
Aniline Hydrochloride	D
Aniline Oil	B

Chemical

Animal Fats and Oils	A
Anisole (methylphenyl ether)	B
Anthraquinone	B
Antifreeze, alcohol base	A
Antifreeze, glycol base	A
Antimony Chloride	B
Antimony Pentachloride	A
Antimony Trichloride	D
Apple Juice	B
Aqua Regia (80% HCl, 20% HNO3)	D
Aroclor 1248	A
Aromatic Hydrocarbons	A
Arsenic Acid	D
Arsenic Trichloride	D
Ascorbic Acid	A
Asphalt	A
Asphalt Emulsions	B
Asphalt Hydrocarbons	A
Asphalt Topping	A
Aspirin (acetyl salicylic acid)	D
ASTM Oil, No. 1	A
ASTM Oil, No. 2	A
ASTM Oil, No. 3	A
ASTM Oil, No. 4	A
ASTM Oil, B	A
ASTM Oil, C	A
ASTM Reference Fuel A	A
Automatic Transmission Fluid	A
Aviation Gasoline, military	A
Banana Oil (amyl acetate)	B
Barium Carbonate	D
Barium Chloride	D
Barium Cyanide	C

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Barium Hydrate (barium hydroxide)	D
Barium Hydroxide (barium hydrate)	D
Barium Nitrate	B
Barium Sulfate	D
Barium Sulfide	D
Beer	A
Beet Sugar Liquids	A
Benzaldehyde	B
Benzene (benzol)	B
Benzene Sulfonic Acid	D
Benzoic Acid	B
Benzol (benzene)	B
Benzoyl Chloride	D
Benzyl Acetate	A
Benzyl Alcohol	A
Benzyl Benzoate	A
Benzyl Chloride (chlorotoluene)	D
Beryllium Sulfate	B
Biphenyl (diphenyl)	A
Black Sulphate Liquor	C
Bleach Solutions	D
Blood, meat juices cold	A
Borax (sodium borate)	C
Borax Liquors	C
Bordeaux Mixtures	D
Boric Acid	D
Brake Fluid, non-petroleum base	A
Brines, saturated (calcium chloride)	C
Bromine	D
Bromine, anhydrous	D
Bromine Trifluoride	D
Bromine Water	D
Bromobenzene	D

Chemical

Bromochloromethane	D
Bromoethane (ethyl bromide)	A
Bromotoluene	D
Bunker Oils, fuel	B
Butadiene, monomer	A
Butane (LPG, butyl hydride)	A
Butanol (butyl alcohol)	B
Butter	A
Buttermilk	A
Butyl Acetate	A
Butyl Acetyl Ricinoleate	A
Butyl Alcohol (butanol)	A
Butyl Amine (aminobutane)	A
Butyl Benzoate	B
Butyl Butyrate	A
Butyl Chloride (chlorobutane)	D
Butyl Ether (dibutyl ether)	A
Butyl Phthalate	B
Butyl Stearate	B
Butylene (butene)	A
Butyraldehyde	A
Butyric Acid	B
Butyric Anhydride	A
Calcium Acetate (hydrate)	C
Calcium Bisulfide	C
Calcium Bisulfite	D
Calcium Carbonate (chalk, CaCO ₃)	D
Calcium Chlorate	B
Calcium Chloride (brine)	D
Calcium Hydroxide (lye)	C
Calcium Hypochlorite	D
Calcium Nitrate	B
Calcium Oxide (unslaked lime, CaO)	C

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Calcium Phosphate	D
Calcium Silicate	A
Calcium Sulfate (gypsum)	C
Calcium Sulfide	A
Calcium sulfite	B
Camphor	C
Cane Juice	B
Cane Sugar Liquors	A
Capryl Alcohol (octanol)	A
Caprylic Acid (octanoic acid)	A
Carbitol	B
Carbolic Acid (phenol)	A
Carbon Bisulfide	A
Carbon Dioxide, dry	B
Carbon Dioxide, wet	A
Carbon Disulfide	C
Carbon Monoxide	A
Carbon Tetrachloride	D
Carbon Tetrachloride, dry	D
Carbon Tetrachloride, wet	D
Carbonated Beverages	C
Carbonated Water	A
Carbonic Acid	B
Casein	C
Castor Oil	A
Catsup (ketchup)	D
Caustic Potash (HKO)	C
Caustic Soda (HNaO)	D
Cellosolve™ (butyl cellosolve acetate)	B
Cellulose Acetate	B
China Wood Oil (Tung oil)	A
Chloric Acid	D
Chlorinated Glue	D

Chemical

Chlorinated Lime, 35% (bleach)	D
Chlorinated Solvents	C
Chlorinated Water	D
Chlorine, anhydrous liquid	D
Chlorine Gas, dry	D
Chlorine Gas, wet	D
Chlorine Dioxide, 8% aqueous solution	D
Chlorine Trifluoride	D
Chlorine Water	D
Chloroacetic Acid	D
Chloroacetone	D
Chlorobenzene (mono), dry	C
Chlorobromomethane	D
Chlorobutadiene	D
Chlorododecane	D
Chloroethanol	B
Chloroform, dry	B
Chlorophyll, dry	B
Chloronaphthalene	D
Chlorophenol	C
Chlorosulfonic Acid, dry	D
Chlorosulfonic Acid, wet	D
Chlorotoluene	D
Chlorotrifluoroethylene	B
Chocolate Syrup	A
Chlorophenol (0-chlorophenol)	C
Chrome Alum (chromium potassium sulfate)	C
Chromic Acid, 5%	C
Chromic Acid, 10%	D
Chromic Acid, 30%	D
Chromic Acid, 50%	D
Chromium Sulfate	B
Cider (Apple Juice)	B

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Citric Acid, 5%	C
Citrus Oils or Terpene (d-limonene)	C
Citrus Juices	C
Clorox® Bleach	D
Clove Oil	B
Coconut Oil (coconut butter)	B
Cod Liver Oil (fish oil)	A
Coffee	A
Coffee Extracts	A
Coke Oven Gas	A
Cobalt Chloride	D
Copper Acetate	D
Copper Carbonate	D
Copper Chloride	D
Copper Cyanide	D
Copper Fluoroborate	D
Copper Nitrate	D
Copper Nitrate Hexahydrate	D
Copper Nitrite	D
Copper Sulfate, 5%	D
Copper Sulfate, >5%	D
Corn Oil	B
Corn Syrup (glucose)	A
Cottonseed Oil	B
Cream	A
Cresols	A
Creosote (coal tar)	B
Creosote Oil	B
Cresylic Acid	B
Crotonaldehyde	A
Crude Oil, sour	A
Crude Oil, sweet	A
Cumene (isopropylbenzene)	B

Chemical

Cutting Oil, water soluble	A
Cutting Oil, sulfur base	A
Cupric Acid	D
Cupric Chloride	D
Cupric Nitrate	D
Cutting Oil, water soluble	A
Cyclohexane	A
Cyclohexanol	C
Cyclohexanone	A
Cyclopentane	B
Deionized Water	A
Denatured Alcohol	B
Detergents, synthetic	B
Detergent Solutions	B
Dextrin	B
Dextrose	A
Diacetone Alcohol (diacetol)	A
Dibenzyl Ether	B
Dibutyl Ether	B
Dibutyl Phthalate	A
Dichloro Isopropyl Ether	D
Dichlorobenzene (p-dichlorobenzene)	D
Dichlorobutane	D
Dichloroethyl Ether	B
Dichlorodifluoromethane	A
Dichloroethane (ethylidene chloride)	D
Dichloroethyl Ether	B
Dichloroisopropyl Ether	D
Diesel Oil, fuel ASTM #2	A
Di-Ester Synthetic Lubricants	A
Diethanolamine	A
Diethyl Ether	B
Diethyl Oxalate (ethyl oxalate)	A

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Diethyl Phthalate (DEP)	A
Diethyl Sebacate	A
Diethyl Sulfate	A
Diethylamine	B
Diethylene Ether (dioxane)	A
Diethylene Glycol	B
Diethylene Triamine	A
Diisobutyl Ketone	A
Diisobutylene	B
Diisooctyl Adipate (D10A)	A
Dimethyl Aniline	A
Dimethyl Ether	B
Dimethyl Formamide	A
Dimethyl Phthalate	A
Dimethyl Sulfide	A
Dioctyl Phthalate	A
Dioctyl Sebacate	A
Dioxane	B
Dipentene	A
Diphenyl	B
Diphenyl Ether	A
Diphenyl Oxides	B
Disodium Phosphate	B
Dispersing Oil #10	A
Dodecylbenzene (alkane)	A
Dry Cleaning Fluid	A
Dyes	B
Epichlorohydrin	D
Epsom Salts (magnesium sulfate)	B
Ethane	A
Ethanol (ethyl alcohol)	B
Ethanamine (ethylamine, monoethylamine)	B
Ethanethiol (ethyl mercaptan)	B

Chemical

Ethanolamine	B
Ethers	B
Ethyl Acetate	B
Ethyl Acetoacetate	A
Ethyl Acrylate	A
Ethyl Alcohol (ethanol)	B
Ethyl Amine (monoethylamine)	B
Ethyl Benzene	B
Ethyl Benzoate	A
Ethyl Bromide (bromoethane)	A
Ethyl Butyrate	B
Ethyl Cellulose	B
Ethyl Chloride, dry	B
Ethyl Chloride, wet	D
Ethyl Chlorocarbonate	D
Ethyl Chloroformate	D
Ethyl Ether	C
Ethyl Formate	C
Ethyl Hexyl Alcohol (ethylhexanol)	A
Ethyl Mercaptan	B
Ethyl Oxalate (diethyl oxalate)	A
Ethyl Pentachlorobenzene	D
Ethyl Propionate	A
Ethyl Silicate	B
Ethyl Sulfate	A
Ethylene (ethene)	A
Ethylene Bromide	B
Ethylene Chloride	B
Ethylene Chlorohydrin	B
Ethylene Diamine	B
Ethylene Dibromide	D
Ethylene Dichloride	A
Ethylene Glycol	A

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Ethylene Oxide	D
Ethylene Trichloride (trichloroethylene)	D
Ethylhexyl Alcohol (ethylhexanol)	A
Ethylidene Chloride (dichloroethane)	D
Fatty Acids	A
Fatty Alcohols	B
Ferric Chloride	D
Ferric Hydroxide	C
Ferric Nitrate	D
Ferric Sulfate (copperas)	D
Ferrous Ammonium Citrate	B
Ferrous Chloride	D
Ferrous Sulfate	C
Ferrous Sulfate, saturated	C
Fertilizer Solutions	D
Fish Oils	B
Flue Gases (carbon monoxide)	C
Fluoboric Acid	C
Fluorine, anhydrous	D
Fluorobenzene	D
Fluoroboric Acid (fluoboric acid)	D
Fluorocarbon Oil	D
Fluosilicic Acid	D
Formaldehyde, 40%	B
Formaldehyde, 100%	A
Formamide	A
Formic Acid	B
Freon 11, MF, 112, BF	D
Freon 12, 32, 114, 115	B
Freon 21, 31	B
Freon 22	D
Freon 113, TF	D
Freon R-11	D

Chemical

Freon, wet	D
Fruit Juices	A
Fuel Oils	B
Furan (furfuran)	A
Furan Resin	A
Furfural (ant oil, C5H4O2)	A
Gallic Acid	D
Gasoline, high-aromatic	D
Gasoline, aviation	A
Gasoline, leaded	A
Gasoline, motor	A
Gasoline, refined	A
Gasoline, sour	A
Gasoline, unleaded	A
Gelatin	A
Gluconic Acid	B
Glucose	A
Glue, PVA (polyvinyl acetate)	B
Glycerin	A
Glycol Amine Solutions (alkylamines)	B
Glycol Amine Solutions (alkylamines)	C
Grape Juice	B
Graphite	B
Grease, ester base	A
Grease, petroleum base	A
Grease, silicone base	A
Green Sulfate Liquor	B
Halowax Oil	D
Heavy Water	A
Helium Gas	B
Heptanal	A
Heptane	A
Hexaldehyde (n-hexaldehyde)	A

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Hexane	A
Hexanol (hexyl alcohol)	A
Hexyl Alcohol (Hexanol)	A
Hexylene Glycol	A
Honey	A
Hydraulic Oil, petroleum based	A
Hydraulic Oil, synthetic based	A
Hydrazine (diamine)	C
Hydrobromic Acid, 20%	D
Hydrobromic Acid, 100%	D
Hydrochloric Acid, 20%	D
Hydrochloric Acid, 37%	D
Hydrochloric Acid, 100%	D
Hydrochloric Acid, dry gas	D
Hydrocyanic Acid	C
Hydrofluoric Acid, 20%	D
Hydrofluoric Acid, 50%	D
Hydrofluoric Acid, 75%	D
Hydrofluoric Acid, 100%	D
Hydrofluosilicic Acid, 20%	D
Hydrofluosilicic Acid, 100%	D
Hydrogen Chloride Gas	D
Hydrogen Cyanide Gas	D
Hydrogen Fluoride	D
Hydrogen Gas	A
Hydrogen Peroxide, 10%	A
Hydrogen Peroxide, 30%	A
Hydrogen Peroxide, 50%	A
Hydrogen Peroxide, 100%	A
Hydrogen Sulfide, aqueous	B
Hydrogen Sulfide, dry	C
Hydrogen Sulfide, wet	C
Hydroquinone	B

Chemical

Hypochlorous Acid	D
Ink, printers	C
Iodine	A
Iodine, in alcohol	B
Iodoform	C
Isoamyl Acetate	A
Isoamyl Butyrate	A
Isoamyl Chloride	D
Isobutyl Acetate	A
Isobutyl Alcohol (isobutanol)	B
Isobutyl Chloride	D
Isobutyric Acid	A
Isododecane	B
Isooctane	A
Isophorone (ketone)	A
Isopropyl Acetate	D
Isopropyl Alcohol (isopropanol)	A
Isopropyl Chloride	D
Isopropyl Ether	A
Isotane	D
Jet Fuel (JP1, JP2, JP3, JP4, JP5, JP6, JPX)	A
Kerosene	A
Ketchup (Catsup)	D
Ketones	B
Lacquer Solvents	A
Lacquer Thinners	A
Lacquers	A
Lactic Acid, 5% aqueous	C
Lactic Acid, concentrated	C
Lactic Acid, dilute	B
Lactose	B
Lard	A
Lard Oil	B

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Latex	A
Lauryl Alcohol (dodecyl alcohol)	A
Lead Acetate	D
Lead Chloride	D
Lead Nitrate	D
Lead Sulfamate	C
Lead Sulfate	D
Lecithin	B
Lemon Oil	A
Ligroin	D
Lime (CaO)	A
Lime Bleach	D
Lime Slurries	B
Lime Sulfur	D
Linoleic Acid	A
Linseed Oil	A
Lithium Chloride	D
Lithium Hydroxide	D
Lubricants	A
Lye, (Ca(OH) ₂ , calcium hydroxide)	C
Lye (KOH, potassium hydroxide)	D
Lye (NaOH, sodium hydroxide)	D
Magnesium Bisulfate	D
Magnesium Carbonate	A
Magnesium Chloride	D
Magnesium Hydroxide (Milk of Magnesia)	C
Magnesium Nitrate	B
Magnesium Oxide	B
Magnesium Sulfate (Epsom salts)	B
Maleic Acid	B
Maleic Anhydride	A
Malic Acid (Apple Acid) C ₄ H ₆ O ₅	B
Malt Beverages	A

Chemical

Manganese Carbonate	B
Manganese Sulfate	B
Mash	A
Meat Juices	B
Mayonnaise	A
Mercuric Chloride, dilute	D
Mercuric Cyanide	D
Mercurous Nitrate	D
Mercury	D
Mesityl Oxide	A
Methane	A
Methanol (Methyl Alcohol)	A
Methyl Acetate	A
Methyl Acetone	A
Methyl Alcohol, 10%	A
Methyl Amine	B
Methyl Amyl Acetate	A
Methyl Amyl Alcohol	A
Methyl Bromide	D
Methyl Butyl Ketone	A
Methyl Butyrate	A
Methyl Cellosolve	B
Methyl Chloride	D
Methyl Cyanide (Acetonitrile)	A
Methyl Dichloride	D
Methyl Ethyl Ketone (MEK, Butanone)	B
Methyl Ethyl Ketone Peroxide (MEKP)	D
Methyl Formate	A
Methyl Iodide	D
Methyl Isobutyl Ketone (MIBK)	B
Methyl Isopropyl Ketone	A
Methyl Methacrylate	B
Methyl Propyl Salicylate	A

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Aluminum Chemical Compatibility Chart

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Chemical

Methyl Salicylate (Betula Oil)	A
Methylamine	A
Methylene Bromide	D
Methylene Chloride	D
Methylphenyl Ether (Anisole)	B
Milk	A
Mine Water	A
Mineral Oils	A
Mineral Spirits	A
Mixed Acids, cold	D
Molasses, crude	B
Molasses, edible	A
Monochloro Difluoro Methane	A
Monochloroacetic Acid	D
Monochlorobenzene	D
Monoethanol Amine	B
Morphine	B
Morpholine	A
Motor Oil	A
Muriatic Acid (hydrochloric acid)	D
Mustard	B
Naphtha	A
Naphthalene (tar camphor)	B
Naphthenic Acids	B
Natural Gas	A
Natural Gas, sour	B
Neatsfoot Oil	A
Neosol	B
Nickel Acetate	D
Nickel Ammonium Sulfate	D
Nickel Chloride	D
Nickel Nitrate	D
Nickel Sulfate	D

Chemical

Nicotinic Acid	A
Nitrating Acid (<15% HNO3)	D
Nitrating Acid (>15% H2SO4)	D
Nitrating Acid (S1% Acid)	D
Nitrating Acid (S15% H2SO4)	D
Nitric Acid, 5-10%	A
Nitric Acid, 20%	D
Nitric Acid, 50%	D
Nitric Acid, concentrated	D
Nitrobenzene	B
Nitroethane	A
Nitrogen Gas	A
Nitrogen Tetroxide (dinitrogen tetroxide)	D
Nitromethane	A
Nitropropane	A
Nitrous Acid	D
Nitrous Gases	B
Nitrous Oxide	B
Octa Chlorotoluene	A
Octanoic Acid (caprylic acid)	D
Octyl Acetate	A
Oleic Acid	B
Oleum (fuming sulfuric acid)	D
Oils: Aniline	D
Oils: Animal	A
Oils: Banana (amyl acetate)	B
Oils: Castor	A
Oils: Citric	A
Oils: Clove	B
Oils: Coconut	A
Oils: Cod Liver (fish oils)	A
Oils: Corn	B
Oils: Cottonseed	B

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Chemical

Oils: Creosote	B
Oils: Diesel Fuel (20, 30, 40, 50)	A
Oils: Fish (cod liver oil)	B
Oils: Fuel (1, 2, 3, 5A, 5B, 6)	C
Oils: Hydraulic Oil, petroleum	A
Oils: Hydraulic Oil, synthetic	A
Oils: Lard (animal oils)	A
Oils: Lemon	A
Oils: Linseed	A
Oils: Mineral	A
Oils: Neatsfoot	A
Oils: Olive	A
Oils: Orange	A
Oils: Palm	B
Oils: Peanut	A
Oils: Peppermint	D
Oils: Pine	A
Oils: Rosin	B
Oils: Sesame Seed	A
Oils: Silicone	A
Oils: Soybean	B
Oils: Transformer	A
Oils: Tung (China Wood Oil)	A
Oils: Turbine	A
Oils: Vegetable	B
Oleic Acid	A
Olive Oil	A
Orange Oil	A
Oxalic Acid, cold	A
Oxygen Gas	A
Ozone, dry	A
Ozone, wet	B
Paint Thinner, Duco	A

Chemical

Palm Oil	B
Palmitic Acid	B
Paraffin	A
Paraformaldehyde	A
Paraldehyde	A
Peanut Oil	A
Pentachloroethane (pentalin)	D
Pentachlorophenol (PCP)	A
Pentane (amyl hydride) C ₅ H ₁₂	B
Peppermint Oil	D
Peracetic Acid	C
Perchloric Acid	D
Perchloroethylene (tetrachloroethylene)	C
Peroxyacetic Acid	C
Petrolatum (petroleum jelly)	B
Petroleum	D
Petroleum Ether	B
Phenethyl Alcohol	A
Phenol, 10%	A
Phenol (carbolic acid)	A
Phenyl Hydrazine	A
Phenyl Sulfonic Acid	B
Phosphate Esters, 10%	C
Phosphoric Acid, 20%	D
Phosphoric Acid, >40%	D
Phosphoric Acid, crude	C
Phosphoric Acid, S40%	C
Phosphoric Acid Anhydride	C
Phosphorus	B
Phosphorus Oxychloride (phosphoryl chloride)	B
Phosphorus Trichloride (phosphorous trichloride)	D
Photographic Developer	C
Phthalic Acid	B

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Chemical

Phthalic Anhydride	A
Picric Acid	C
Pine Oil	A
Pineapple Juice	A
Pinene (C ₁₀ H ₁₆)	A
Plating Solutions, Antimony	D
Plating Solutions, Arsenic	C
Plating Solutions, Brass	C
Plating Solutions, Bronze	C
Plating Solutions, Cadmium	C
Plating Solutions, Chrome	C
Plating Solutions, Copper	C
Plating Solutions, Gold	C
Plating Solutions, Indium	C
Plating Solutions, Iron	C
Plating Solutions, Lead	C
Plating Solutions, Nickel	C
Plating Solutions, Silver	C
Plating Solutions, Tin	C
Plating Solutions, Zinc	C
Polyvinyl Acetate	B
Polyvinyl Chloride	B
Potash (potassium carbonate)	D
Potassium Acetate	D
Potassium Bicarbonate	D
Potassium Bichromate	B
Potassium Bisulfate	A
Potassium Bisulfite	B
Potassium Bromide	C
Potassium Carbonate (potash)	D
Potassium Chlorate	B
Potassium Chloride	D
Potassium Chromate	B

Chemical

Potassium Cyanide Solutions	D
Potassium Dichromate	D
Potassium Ferricyanide	B
Potassium Ferrocyanide	B
Potassium Hydroxide (caustic potash)	D
Potassium Hypochlorite	D
Potassium Iodide	B
Potassium Nitrate	B
Potassium Nitrite	B
Potassium Oxalate	B
Potassium Permanganate	B
Potassium Phosphate, dibasic	B
Potassium Phosphate, monobasic	D
Potassium Phosphate, tribasic	D
Potassium Silicate	B
Potassium Sulfate	C
Potassium Sulfide	D
Potassium Sulfite	A
Propane, gas	A
Propane, liquefied	A
Propanol (propyl alcohol)	A
Propionaldehyde (propanol)	A
Propionic Acid	A
Propyl Acetate	A
Propyl Alcohol	A
Propyl Bromide	B
Propyl Nitrate	B
Propylene (C ₃ H ₆ , propene, methyl ethylene)	A
Propylene Dichloride	D
Propylene Glycol	C
Propylene Oxide	B
Pyridine (C ₅ H ₅ N)	B
Pyrogallol Acid	B

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Chemical

Pyroligneous Acid	B
Quench Oil	A
Quinine Sulphate, dry	D
Quinine Bisulphate, dry	D
Quinine Sulphate, dry	D
Resorcin, Resorcinol (C6H6O2)	A
Road Tar	A
Roof Pitch	A
Rosin Emulsion	A
Rosin Oil	B
Rosin, paper mill	A
Rosins	B
Rubber Latex Emulsions	C
Rubber Solvents	B
Rum	C
Sal Soda	D
Salad Dressings	B
Salicylic Acid	B
Salt Brine (NaCl saturated)	C
Salt Water	D
Sauerkraut Brine	A
Sea Water	B
Sesame Seed Oil	A
Sewage	D
Shellac, bleached	A
Shellac, orange	A
Silicone	A
Silicone Oils	B
Silver Bromide	D
Silver Chloride	D
Silver Cyanide	D
Silver Nitrate	D
Soap Solutions, stearates	C

Chemical

Soda Ash (sodium carbonate)	D
Sodium Acetate	C
Sodium Aluminate	B
Sodium Benzoate	A
Sodium Bicarbonate (Baking Soda)	D
Sodium Bichromate	C
Sodium Bisulfate, 10%	D
Sodium Bisulfite, 10%	D
Sodium Borate (Borax)	C
Sodium Bromide	D
Sodium Carbonate	D
Sodium Chlorate	C
Sodium Chloride	C
Sodium Chromate	B
Sodium Citrate	D
Sodium Cyanide	D
Sodium Ferrocyanide	A
Sodium Fluoride	B
Sodium Hydrosulfite	A
Sodium Hydroxide, 20%	D
Sodium Hydroxide, 50%	D
Sodium Hydroxide, 80%	D
Sodium Hypochlorite, <20%	D
Sodium Hypochlorite, 100%	D
Sodium Hyposulfate	D
Sodium Hyposulfite	D
Sodium Lactate	D
Sodium Metaphosphate	C
Sodium Metasilicate	D
Sodium Nitrate	B
Sodium Nitrite	A
Sodium Perborate	C
Sodium Peroxide	C

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Sodium Phosphate, dibasic	D
Sodium Phosphate, monobasic	D
Sodium Phosphate, tribasic	D
Sodium Polyphosphate	D
Sodium Silicate (water glass)	A
Sodium Sulfate (salt cake, thenardite)	A
Sodium Sulfide	D
Sodium Sulfite	C
Sodium Tetraborate	C
Sodium Thiosulfate, hypo	A
Sodium Triphosphate	B
Sorghum Molasses	A
Soy Sauce	A
Soybean Oil	B
Stannic Chloride	D
Stannous Fluoborate	D
Stannous Chloride	D
Starch	A
Stearic Acid	B
Stoddard's Solvent	A
Styrene (vinyl benzene) C ₆ H ₅ CHCH ₂	A
Sucrose Solutions (sugar)	A
Sugar Liquids	A
Sugar Syrups and Jam	B
Sulfate Black Liquor	D
Sulfate Green Liquor	D
Sulfate White Liquor	D
Sulfite Liquors	D
Sulfur Chloride	D
Sulfur Dioxide	B
Sulfur Dioxide, dry	B
Sulfur Dioxide, wet	A
Sulfur Hexafluoride	A

Chemical

Sulfur Trioxide, dry	A
Sulfuric Acid, <10%	D
Sulfuric Acid, 10-75%	D
Sulfuric Acid, 75-100%	D
Sulfuric Acid, cold concentrated	B
Sulfurous Acid	B
Syrup	A
Tall Oil (liquid rosin, tallol)	C
Tallow	A
Tannic Acid (tannin)	C
Tanning Liquors	A
Tanning Oils	A
Tar, bituminous	A
Tartaric Acid	B
Terpene Monocyclic	A
Terpineol	A
Tetrachloroethane	C
Tetrachloroethylene	D
Tetraethyl Lead	B
Tetrahydrofuran	D
Tetralin	A
Tetraphosphoric Acid	D
Thionyl Chloride	D
Tin Salts	D
Tin Tetrachloride	D
Titanium Tetrachloride	D
Toluene (toluol)	A
Toluidine	A
Tomato Juice	A
Tomato Pulp and Juice	B
Transformer Oils	A
Transmission Fluid, type A	A
Triacetin	B

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Chemical

Tributyl Phosphate	A
Trichloroacetic Acid	D
Trichlorobenzenes	D
Trichloroethane	D
Trichloroethylene (ethylene trichloride)	D
Trichloromonofluoroethane (Freon 17)	A
Trichloropropane	D
Trichlorotrifluoroethane (Freon 113)	A
Tricresyl Phosphate	D
Triethanolamine (Triethanol Amine)	B
Triethyl Phosphate	A
Trimethylene Glycol	A
Trisodium Phosphate	D
Tung Oil (China Wood Oil)	A
Turpentine (C ₁₀ H ₁₆)	A
Urea (carbamide)	B
Uric Acid	D
Urine	B
Valeric Acid	A
Varnish	A
Vegetable Juices	D
Vegetable Oils	B
Vinegar	D
Vinyl Acetate	A

Chemical

Vinyl Chloride (chloroethylene)	D
Vinylidene Chloride	A
Water, acid mine	D
Water, deionized	A
Water, distilled	A
Water, fresh	B
Water, salt	B
Waxes	A
Weed Killers	D
Whey	B
Whiskeys	C
White Liquor (Pulp Mill)	B
Wines	C
Wood Oil	A
Wort, distillery	A
Xylene (xylol, dimethylbenzene)	A
Xylidines (xylidin)	B
Zinc Acetate	C
Zinc Bromide	D
Zinc Carbonate	B
Zinc Chloride	D
Zinc Hydrosulfite	D
Zinc Sulfate	D

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