

| Reagent | 21°C | 60°C | 100°C | Reagent | 21°C | 60°C | 100°C |
|-----------------------------|------|------|-------|----------------------|------|------|-------|
| A | | | | Benzoic Acid | S | | |
| Acetic acid (10%) | S | S | | Benzyl alcohol | S | S | |
| Acetic acid (50%) | S | S | O | Benzyl chloride | S | S | |
| Acetic acid (100%) | S | S | | Bismuth carbonate | S | S | |
| Acetic anhydride | S | S | | Bluing | S | S | S |
| Acetone | S | S | | Borax | S | S | S |
| Acetonitrile | S | | | Boric acid | S | S | |
| Acetophenone | O | O | U | Brandy | S | S | |
| Almond Oil | S | S | | Brake fluid | S | O | |
| Aluminum ammonium sulfate | S | S | | Brine | S | S | S |
| Aluminum chloride | S | S | O | Bromic acid | U | U | |
| Aluminum fluoride | S | S | | Bromine | U | U | |
| Aluminum hydroxide | S | S | | Bromine water | U | U | |
| Aluminum nitrate | S | S | S | Butane | O | | |
| Aluminum potassium sulfate | S | S | | Butyl acetate | U | U | |
| Alums (all types) | S | S | | Butyl acrylate | U | U | |
| Ammonia (anhydrous) | S | S | | Butyl alcohol | S | S | |
| Ammonia (30% aqueous) | S | S | | Butyl Phthalate | S | S | S |
| Ammonium bi-fluoride | S | S | | C | | | |
| Ammonium carbonate | S | S | S | Calcium bisulfate | S | S | |
| Ammonium chloride | S | S | O | Calcium carbonate | S | S | S |
| Ammonium fluoride (25%) | S | S | | Calcium chlorate | S | S | |
| Ammonium hydroxide | S | S | | Calcium chloride | S | S | O |
| Ammonium nitrate | S | S | S | Calcium hydroxide | S | S | S |
| Ammonium sulfate | S | S | S | Calcium hypochlorite | S | S | |
| Ammonium sulfide | S | S | | Calcium nitrate | S | S | |
| Ammonium thiocyanate | S | S | | Calcium soap grease | S | O | |
| Amyl acetate | O | U | | Calcium sulfate | S | S | |
| Amyl alcohol | S | O | U | Calgonite (1%) | S | S | |
| Amyl chloride | U | U | | Camphor Oil | U | U | U |
| Aniline | S | S | O | Carbon dioxide (dry) | S | S | |
| Anisole | O | O | U | Carbon dioxide (wet) | S | S | |
| Antimony trichloride | S | S | | Carbon disulfide | O | U | |
| Apple Juice | S | S | S | Carbon monoxide | S | S | |
| Aqua regia | O | O | | Carbon tetrachloride | U | U | |
| Arsenic acid | S | S | | Carbonic acid | S | S | |
| Aviation fuel | O | O | | Castor oil | S | S | |
| B | | | | Caustic Soda, conc. | S | S | S |
| Barium carbonate | S | S | | Cellosolve | S | S | |
| Barium chloride | S | S | O | Cetyl alcohol | S | | |
| Barium hydroxide | S | S | | Chlorine (dry) | U | U | |
| Barium soap grease | S | O | | Chlorine (wet) | O | U | |
| Barium sulfate | S | S | | Chloroacetic acid | S | | |
| Barium sulfide | S | S | S | Chlorobenzene | U | U | |
| Beer | S | S | | Chloroform | O | U | |
| Beet Juice | S | S | O | Chlorosulfonic acid | U | U | |
| Benzaldehyde | S | S | | Chromic acid (10%) | S | S | |
| Benzene | O | U | U | Chromic acid (50%) | S | S | |
| Benezene Sulfonic Acid, 10% | S | S | S | Chromic acid (80%) | S | | |

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| Reagent | 21°C | 60°C | 100°C | Reagent | 21°C | 60°C | 100°C |
|---------------------------|------|------|-------|-----------------------------|------|------|-------|
| Cider | S | S | | Ferrous sulfate | S | S | |
| Citric acid | S | S | | Fluorine | U | U | |
| Clorox | S | S | S | Fluosilicic acid | S | S | |
| Clove Oil | O | U | U | Formaldehyde | S | S | O |
| Copper chloride | S | S | | Formic acid (10%) | S | S | |
| Copper cyanide | S | S | | Formic acid (100%) | S | | |
| Copper fluoride | S | S | | Freon (12, 22) | U | | |
| Copper nitrate | S | S | | Fructose | S | S | |
| Copper sulfate | S | S | | Fruit juice | S | S | |
| Corn oil | S | S | | Fuel oil | O | O | |
| Cottonseed oil | S | S | | Furfural | U | U | |
| Cresol | S | S | | | | | |
| Cuprous chloride | S | S | | G | | | |
| Cyclohexane | S | O | | Gasoline | O | U | |
| Cyclohexanol | S | O | | Gelatin | S | S | |
| Cyclohexanone | O | U | | Glucose | S | S | |
| | | | | Glycerol | S | S | S |
| D | | | | Glycol | S | S | O |
| Decalin | U | U | | Glycolic acid | S | S | |
| Developers (photographic) | S | S | | | | | |
| Dextrin | S | S | | H | | | |
| Dibutyl phthalate | S | S | | Heptane | U | U | U |
| Dichloroethylene | S | | | Hexadecyl alcohol | S | S | |
| Diethanolamine | S | S | | Hexane | O | U | |
| Diethyl ether | O | O | | Hydrobromic acid (50%) | S | S | |
| Diglycolic acid | S | S | | Hydrochloric acid (20%) | S | S | O |
| Diisooctyl phthalate | S | S | | Hydrochloric acid (100%) | S | S | O |
| Dimethyl phthalate | S | S | | Hydrofluoric acid (35%) | S | O | |
| Dioctyl Phthalate | U | U | U | Hydrogen chloride gas (dry) | S | S | |
| p-Dioxane | S | O | | Hydrogen peroxide (30%) | S | O | |
| | | | | Hydrogen peroxide (90%) | O | O | U |
| E | | | | Hydrogen sulfide | S | S | |
| Ethanolamine | S | S | | Hydroiodic acid | U | U | |
| Ethyl acetate | S | S | | Hydroquinone | S | S | |
| Ethyl alcohol | S | S | S | | | | |
| Ethylamine | S | S | | I | | | |
| Ethyl chloride | O | O | | Igepal | S | S | |
| Ethyl ether | O | O | | Iodine (dry) | S | S | |
| Ethylene chloride | U | U | | Iodine (wet) | U | | |
| Ethylene chlorohydrin | S | S | | Isooctane | U | | |
| Ethylene dichloride | S | | | Isopropyl alcohol | S | S | |
| Ethylene glycol | S | S | | | | | |
| Ethylene oxide | S | | | J | | | |
| | | | | Jet fuel (JP-4 and JP-5) | O | U | |
| F | | | | | | | |
| Ferric chloride | S | S | | K | | | |
| Ferric nitrate | S | S | | Kerosene | O | U | |
| Ferric sulfate | S | S | | | | | |
| Ferrous chloride | S | S | | L | | | |
| Ferrous nitrate | S | S | O | Lactic acid | S | S | |

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|------------------------|------|------|-------|------------------------------|------|------|-------|
| Lacquer | S | | | Nitric/sulfuric acid (50/50) | U | | |
| Lanolin | S | S | | Nitrobenzene | S | O | |
| Lead acetate | S | S | S | Nitrous acid | O | | |
| Lemon oil | O | | | Nutmeg Oil | U | U | U |
| Ligroin | S | | | | | | |
| Lime Sulfur | S | | | O | | | |
| Linseed oil | S | S | | Oleic acid | S | S | |
| Lubricating oil | S | O | | Oleum | U | | |
| Lye | S | | | Olive oil | S | S | |
| | | | | Orange Juice | S | | |
| M | | | | Oxalic acid | S | S | |
| Magnesium carbonate | S | S | S | Oxygen | U | U | |
| Magnesium chloride | S | S | O | Ozone | U | U | |
| Magnesium hydroxide | S | S | S | | | | |
| Magnesium nitrate | S | S | | P | | | |
| Magnesium sulfate | S | S | | Palmitic Acid | S | S | S |
| Magnesium sulfite | S | S | | Paradichlorobenzene | S | S | |
| Malic acid | S | O | | Peanut oil | S | S | |
| Maple Syrup | S | | | Perchloroethylene | U | U | |
| Mayonnaise | S | | | Phenol (10%) | S | S | O |
| Mercuric chloride | S | S | | Phosgene (gas) | U | U | |
| Mercuric cyanide | S | S | | Phosgene (liquid) | U | U | |
| Mercuric nitrate | S | S | | Phosphoric acid (30%) | S | S | O |
| Mercurochrome | S | | | Phosphoric (85%) | S | S | O |
| Mercury | S | S | | Phosphorus | S | | |
| Merthiolate (tincture) | S | S | | Phthalic acid | S | | |
| Methane | S | S | | Picric Acid | S | | |
| Methanol | S | S | | Polyvinyl acetate | S | | |
| Methyl cellosolve | S | | | Potassium bromide | S | S | S |
| Methyl chloride | U | | | Potassium carbonate | S | S | S |
| Methylene chloride | S | O | | Potassium chlorate | S | S | O |
| Methyl ethyl ketone | S | S | | Potassium cyanide | S | S | |
| Methyl isobutyl ketone | S | S | | Potassium dichromate | S | S | S |
| Methylsulfuric acid | S | S | | Potassium ferrocyanide | S | S | |
| Milk | S | S | | Potassium hydroxide | S | S | S |
| Mineral oil | S | U | | Potassium nitrate | S | S | |
| Molasses | S | | | Potassium permanganate | S | O | |
| Motor oil | S | S | | Potassium sulfate | S | S | S |
| Mustard Paste | S | | | Potassium sulfide | S | S | S |
| | | | | Propanol | S | S | |
| N | | | | Pyridine | S | | |
| Naphtha | S | S | | | | | |
| Naphthalene | S | S | S | R | | | |
| Neat's Foot Oil | S | | | Rice Bran Oil | S | S | |
| Nickel chloride | S | S | | Rosin, light | S | | |
| Nickel nitrate | S | S | O | | | | |
| Nickel sulfate | S | S | S | S | | | |
| Nitric acid (10%) | S | S | S | Safflower Oil | S | O | |
| Nitric acid, conc. | O | U | | Sauerkraut | S | | |
| Nitric acid (fuming) | U | | | Shellac | S | | |

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|----------------------------|------|------|-------|----------------|------|------|-------|
| Silicone Oil | S | | | Turpentine | S | O | O |
| Silver cyanide | S | S | | U | | | |
| Silver nitrate | S | S | S | Urea | S | S | |
| Sodium acetate | S | S | | Urine | S | S | |
| Sodium benzoate | S | S | S | V | | | |
| Sodium bicarbonate | S | S | | Vanilla | S | S | |
| Sodium bisulfate | S | S | | Varnish | S | | |
| Sodium bisulfite | S | S | | Vaseline | S | O | O |
| Sodium bromide | S | S | | Vinegar | S | S | |
| Sodium carbonate | S | S | S | W | | | |
| Sodium chlorate | S | S | O | Water | S | S | O |
| Sodium chloride | S | S | O | Wheat Germ Oil | S | S | |
| Sodium cyanide | S | S | | Whiskey | S | S | S |
| Sodium hydroxide, conc. | S | S | S | White Spirits | U | U | U |
| Sodium Hypochlorite, conc. | S | O | U | Wines | S | S | |
| Sodium Nitrate | S | S | S | X | | | |
| Sodium Perborate | S | | | Xylene | O | U | |
| Sodium Phosphate | S | S | S | Xylol | S | | |
| Sodium sulfate | S | S | | Y | | | |
| Sodium sulfite | S | S | | Yeast | S | S | |
| Sodium Thiosulfate | S | S | | Z | | | |
| Soybean Oil | S | S | | Zinc chloride | S | S | |
| Stannic chloride | S | S | | Zinc oxide | S | S | |
| Stannous chloride | S | S | | Zinc sulfate | S | S | |
| Starch | S | S | | | | | |
| Styrene | U | U | U | | | | |
| Sucrose (20%) | S | S | | | | | |
| Sulfamic acid | S | S | | | | | |
| Sulfur | O | U | U | | | | |
| Sulfur Chloride | O | U | U | | | | |
| Sulfuric acid (10%) | S | S | S | | | | |
| Sulfuric acid (50%) | S | S | | | | | |
| Sulfuric acid, conc. | S | O | U | | | | |
| Sulfuric acid (fuming) | U | U | | | | | |
| T | | | | | | | |
| Tannic acid (10%) | S | S | | | | | |
| Tartaric Acid | S | S | S | | | | |
| Tea | S | S | S | | | | |
| Tetrahydrofuran | S | S | O | | | | |
| Tetralin | O | O | O | | | | |
| Toluene | U | U | | | | | |
| Tomato Juice | S | S | S | | | | |
| Tomato Soup | S | S | S | | | | |
| Tributyl phosphate | S | O | | | | | |
| Trichloroacetic Acid | S | O | | | | | |
| Trichloroethylene | U | U | | | | | |
| Tricresyl phosphate | S | S | | | | | |
| Triethanolamine | O | O | | | | | |
| Trisodium phosphate | S | S | | | | | |

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