

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					
Ammonium carbonate	S	S	S	C			
Ammonium chloride	S	S	O	Calcium bisulfate	S	S	
Ammonium fluoride (25%)	S	S		Calcium carbonate	S	S	S
Ammonium hydroxide	S	S		Calcium chlorate	S	S	
Ammonium nitrate	S	S	S	Calcium chloride	S	S	O
Ammonium sulfate	S	S	S	Calcium hydroxide	S	S	S
Ammonium sulfide	S	S		Calcium hypochlorite	S	S	
Ammonium thiocyanate	S	S		Calcium nitrate	S	S	
Amyl acetate	O	U		Calcium soap grease	S	O	
Amyl alcohol	S	O	U	Calcium sulfate	S	S	
Amyl chloride	U	U		Calgonite (1%)	S	S	
Aniline	S	S	O	Camphor Oil	U	U	U
Anisole	O	O	U	Carbon dioxide (dry)	S	S	
Antimony trichloride	S	S		Carbon dioxide (wet)	S	S	
Apple Juice	S	S	S	Carbon disulfide	O	U	
Aqua regia	O	O		Carbon monoxide	S	S	
Arsenic acid	S	S		Carbon tetrachloride	U	U	
Aviation fuel	O	O		Carbonic acid	S	S	
				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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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	

Reagent	21°C	60°C	100°C	Reagent	21°C	60°C	100°C
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		
				Oxalic acid	S	S	
M				Oxygen	U	U	
Magnesium carbonate	S	S	S	Ozone	U	U	
Magnesium chloride	S	S	O				
Magnesium hydroxide	S	S	S	P			
Magnesium nitrate	S	S		Palmitic Acid	S	S	S
Magnesium sulfate	S	S		Paradichlorobenzene	S	S	
Magnesium sulfite	S	S		Peanut oil	S	S	
Malic acid	S	O		Perchloroethylene	U	U	
Maple Syrup	S			Phenol (10%)	S	S	O
Mayonnaise	S			Phosgene (gas)	U	U	
Mercuric chloride	S	S		Phosgene (liquid)	U	U	
Mercuric cyanide	S	S		Phosphoric acid (30%)	S	S	O
Mercuric nitrate	S	S		Phosphoric (85%)	S	S	O
Mercurochrome	S			Phosphorus	S		
Mercury	S	S		Phthalic acid	S		
Merthiolate (tincture)	S	S		Picric Acid	S		
Methane	S	S		Polyvinyl acetate	S		
Methanol	S	S		Potassium bromide	S	S	S
Methyl cellosolve	S			Potassium carbonate	S	S	S
Methyl chloride	U			Potassium chlorate	S	S	O
Methylene chloride	S	O		Potassium cyanide	S	S	
Methyl ethyl ketone	S	S		Potassium dichromate	S	S	S
Methyl isobutyl ketone	S	S		Potassium ferrocyanide	S	S	
Methylsulfuric acid	S	S		Potassium hydroxide	S	S	S
Milk	S	S		Potassium nitrate	S	S	
Mineral oil	S	U		Potassium permanganate	S	O	
Molasses	S			Potassium sulfate	S	S	S
Motor oil	S	S		Potassium sulfide	S	S	S
Mustard Paste	S			Propanol	S	S	
				Pyridine	S		
N				R			
Naphtha	S	S		Rice Bran Oil	S	S	
Naphthalene	S	S	S	Rosin, light	S		
Neat's Foot Oil	S						
Nickel chloride	S	S		S			
Nickel nitrate	S	S	O	Safflower Oil	S	O	
Nickel sulfate	S	S	S	Sauerkraut	S		
Nitric acid (10%)	S	S	S	Shellac	S		
Nitric acid, conc.	O	U					
Nitric acid (fuming)	U						

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Reagent	21°C	60°C	100°C	Reagent	21°C	60°C	100°C
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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