

**Table 7**

**Chemical Resistance of Corzan® CPVC for Industrial Process Piping Applications**

Reagent	Temperature		Reagent	Temperature		Reagent	Temperature		Reagent	Temperature	
	73°F Max. Temp. (23°C)	(°F)		73°F Max. Temp. (23°C)	(°F)		73°F Max. Temp. (23°C)	(°F)		73°F Max. Temp. (23°C)	(°F)
Acetaldehyde	N	N	Brine Acid	R	200	Cumene	N	N	Lactic Acid, 85% (Full strength)	R	C
Acetic Acid, up to 10%	R	180	Bromine	N	N	Cupric Fluoride	R	200	Lead Acetate	R	200
Acetic Acid, greater than 10%	C	C	Bromine, aqueous, sat'd	R	200	Cupric Sulfate	R	200	Lead Chloride	R	200
Acetic Acid, Glacial	N	N	Bromobenzene	N	N	Cuprous Chloride	R	200	Lead Nitrate	R	200
Acetic Anhydride	N	N	Bromotoluene	N	N	Cyclohexane	N	N	Lead Sulfate	R	200
Acetone, up to 5%	R	180	Butanol	C	C	Cyclohexanol	N	N	Lemon Oil	N	N
Acetone, greater than 5%	C	C	Butyl Acetate	N	N	Cyclohexanone	N	N	Limonene	N	N
Acetone, pure	N	N	Butyl Carbitol	N	N	Detergents	C	C	Linseed Oil	N	N
Acetyl Nitrate	N	N	Butyl Cellosolve	N	N	Dextrin	R	200	Lithium Chloride	R	200
Acrylic Acid	N	N	Butyric Acid, up to 1%	R	180	Dextrose	R	200	Lithium Sulfate	R	200
Acrylonitrile	N	N	Butyric Acid, greater than 1%	C	C	Dibutyl Phthalate	N	N	Lubricating Oil, ASTM 1, 2, 3	R	-
Adipic Acid, sat'd in water	R	200	Butyric Acid, pure	N	N	Dibutyl Ethyl Phthalate	N	N	Magnesium Carbonate	R	200
Alcohols	C	C	Cadmium Acetate	R	200	Dichlorobenzene	N	N	Magnesium Chloride	R	200
Allyl Alcohol	C	C	Cadmium Chloride	R	200	Dichloroethylene	N	N	Magnesium Citrate	R	200
Allyl Chloride	N	N	Cadmium Sulfate	R	200	Diethylamine	N	N	Magnesium Fluoride	R	200
Alum, all varieties	R	200	Calcium Acetate	R	200	Diethyl Ether	N	N	Magnesium Hydroxide	R	200
Aluminum Acetate	R	200	Calcium Bisulfide	R	200	Dill Oil	N	N	Magnesium Salts, inorganic	R	200
Aluminum Chloride	R	200	Calcium Bisulfite	R	200	Dimethylformamide	N	N	Magnesium Nitrate	R	200
Aluminum Fluoride	R	200	Calcium Carbonate	R	200	Disodium Phosphate	R	200	Magnesium Oxide	R	200
Aluminum Hydroxide	R	200	Calcium Chlorate	R	200	Distilled Water	R	200	Magnesium Sulfate	R	200
Aluminum Nitrate	R	200	Calcium Chloride	R	200	EDTA, Tetrasodium	R	200	Maleic Acid, 50%	R	180
Aluminum Sulfate	R	200	Calcium Hydroxide	R	200	Esters	N	N	Manganese Sulfate	R	200
Amines	N	N	Calcium Hypochlorite	R	200	Ethanol, up to 5%	R	180	Mercuric Chloride	R	200
Ammonia	N	N	Calcium Nitrate	R	200	Ethanol, greater than 5%	C	C	Mercuric Cyanide	R	200
Ammonium Acetate	R	200	Calcium Oxide	R	200	Ethers	N	N	Mercuric Sulfate	R	200
Ammonium Benzoate	R	200	Calcium Sulfate	R	200	Ethyl Acetate	N	N	Mercurous Nitrate	R	200
Ammonium Bifluoride	R	200	Cane Sugar Liquors	R	200	Ethyl Acrylate	N	N	Mercury	R	180
Ammonium Carbonate	R	200	Caprolactam	N	N	Ethyl Benzene	N	N	Methane		
Ammonium Chloride	R	200	Caprolactone	N	N	Ethyl Chloride	N	N	Methanolic Acid	R	180
Ammonium Citrate	R	200	Carbitol	N	N	Ethyl Ether	N	N	Methanol, up to 10%	R	180
Ammonium Dichromate	R	200	Carbon Dioxide	R	200	Ethylene Bromide	N	N	Methanol, greater than 10%	C	C
Ammonium Fluoride	R	200	Carbon Disulfide	N	N	Ethylene Chloride	N	N	Methanol, pure	N	N
Ammonium Hydroxide, 28%	N	N	Carbon Monoxide	R	200	Ethylene Diamine	N	N	Methyl Cellosolve	N	N
Ammonium Hydroxide, 10%	N	N	Carbon Tetrachloride	N	N	Ethylene Glycol, up to 50%	R	180	Methyl Chloride	N	N
Ammonium Hydroxide, 3%	C	N	Carbonic Acid	R	200	Ethylene Glycol, greater than 50%	C	C	Methyl Ethyl Ketone	N	N
Ammonium Nitrate	R	200	Castor Oil	N	N	Ethylene Oxide	N	N	Methyl Formate	N	N
Ammonium Persulfate	R	-	Caustic Potash	A	A	Ferric Chloride	R	200	Methyl Isobutyl Ketone	N	N
Ammonium Phosphate	R	C	Caustic Soda	A	A	Ferric Hydroxide	R	200	Methyl Methacrylate	N	N
Ammonium Sulfamate	R	200	Cellosolve, all types	N	N	Ferric Nitrate	R	200	Methylamine	N	N
Ammonium Sulfate	R	200	Chloric Acid	R	180	Ferric Sulfate	R	200	Methylene Chloride	N	N
Ammonium Sulfide	R	200	Chlorinated Solvents	N	N	Ferrous Chloride	R	200	Mineral Oil	R	-
Ammonium Thiocyanate	R	200	Chlorinated water, (hypochlorite)	R	200	Ferrous Hydroxide	R	200	Monothanolamine	N	N
Ammonium Tartrate	R	200	Chlorine, dry gas	A	A	Ferrous Sulfate	R	200	Motor Oil	N	N
Amyl Acetate	N	N	Chlorine, liquid	N	N	Fluorine gas	N	N	Muriatic Acid	R	180
Amyl Alcohol	C	C	Chlorine, trace in air	R	200	Fluosilicic Acid, 30%	R	180	Naphthalene	N	N
Amyl Chloride	N	N	Chlorine, wet gas	A	A	Formaldehyde	N	N	Nickel Acetate	R	200
Aniline	N	N	Chlorine dioxide, aqueous, sat'd	R	200	Formic Acid, up to 25%	R	180	Nickel Chloride	R	200
Antimony Trichloride	R	200	Chlorine water, sat'd	R	200	Formic Acid, greater than 25%	C	N	Nickel Nitrate	R	200
Aqua Regia	R	N	Chlorobenzene	N	N	Freons	C	C	Nickel Sulfate	R	200
Aromatic Hydrocarbons	N	N	Chloroform	N	N	Fructose	R	200	Nitric Acid, up to 25%	R	150*
Arsenic Acid	R	-	Chloroform	N	N	Gasoline	N	N	Nitric Acid, 25-35%	R	130*
Barium Carbonate	R	200	Chromic Acid, 40% (conc.)	R	180	Glucose	R	200	Nitric Acid, 70%	R	105*
Barium Chloride	R	200	Chromium Nitrate	R	200	Glycerine	R	200	Nitrobenzene	N	N
Barium Hydroxide	R	200	Citric Acid	R	200	Glycol Ethers	N	N	1-Octanol	C	N
Barium Nitrate	R	200	Citrus Oils	N	N	Green Liquor	R	200	Oils, edible	N	N
Barium Sulfate	R	200	Coconut Oil	N	N	Halocarbon Oils	N	N	Oils, Sour Crude	N	N
Barium Sulfide	R	200	Copper Acetate	R	200	Heptane	C	-	Oleum	N	N
Beer	R	200	Copper Carbonate	R	200	Hydrazine	N	N	Olive Oil	N	N
Beet Sugar Liquors	R	200	Copper Chloride	R	200	Hydrochloric Acid	R	180	Oxalic Acid, Sat'd	R	170*
Benzaldehyde	N	N	Copper Cyanide	R	200	Hydrochloric Acid, 36% (conc.)	R	180	Oxygen	R	180
Benzene	N	N	Copper Fluoride	R	200	Hydrofluoric Acid, 3%	R	-	Ozonized water	R	200
Benzoic Acid, sat'd in water	R	N	Copper Nitrate	R	200	Hydrofluoric Acid, 48%	C	C	Palm Oil	N	N
Benzyl Alcohol	N	N	Copper Sulfate	R	200	Hydrofluosilicic Acid, 30%	R	180	Paraffin	R	180
Benzyl Chloride	N	N	Corn Oil	N	N	Hydrogen Peroxide, 50%	R	-	Peanut Oil	N	N
Bismuth Carbonate	R	200	Corn Syrup	R	200	Hydrogen Sulfide, Aqueous	R	180	Perchloric Acid, 10%	R	-
Black Liquor	R	200	Cottonseed Oil	N	N	Hypochlorous Acid	C	C	Phenylhydrazine	N	N
Bleach, household (5% Cl)	R	200	Cresote	N	N	Isopropanol	C	C	Phosphoric Acid	R	180
Bleach, industrial (15% Cl)	R	200	Cresol	N	N	Ketones	N	N	Phosphorus Trichloride	N	N
Borax	R	200	Crotonaldehyde	N	N	Kraft Liquors	R	200	Picric Acid	N	N
Boric Acid	R	200			Lactic Acid, 25%	R	200	Pine Oil	N	N	

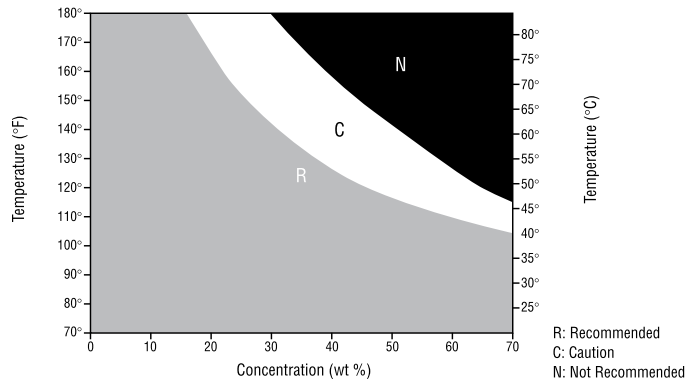
R - Recommended    N - Not Recommended    C - Caution, further testing suggested - suspect with certain stress levels    - Incomplete data    A - Case by case approval, contact Lubrizol    Given percentages are by weight

**Table 7**  
**Chemical Resistance of Corzan® CPVC for Industrial Process Piping Applications**

Reagent	Temperature		Reagent	Temperature	
	73°F Max. Temp. (23°C)	(°F)		73°F Max. Temp. (23°C)	(°F)
Plating Solutions	R	180	Sodium Fluoride	R	200
Polyethylene Glycol	N	N	Sodium Formate	R	200
Potash	R	200	Sodium Hydroxide	A	A
Potassium Acetate	R	200	Sodium Hypobromite	R	200
Potassium Bicarbonate	R	200	Sodium Hypochlorite	R	200
Potassium Bichromate	R	200	Sodium Iodide	R	200
Potassium Bisulfate	R	200	Sodium Metaphosphate	R	200
Potassium Borate	R	200	Sodium Nitrate	R	200
Potassium Bromate	R	200	Sodium Nitrite	R	200
Potassium Bromide	R	200	Sodium Perborate	R	180
Potassium Carbonate	R	200	Sodium Perchlorate	R	180
Potassium Chlorate	R	200	Sodium Phosphate	R	200
Potassium Chloride	R	200	Sodium Silicate	R	200
Potassium Chromate	R	200	Sodium Sulfate	R	200
Potassium Cyanide	R	200	Sodium Sulfide	R	200
Potassium Cyanide	R	200	Sodium Sulfite	R	200
Potassium Dichromate	R	200	Sodium Thiosulfate	R	200
Potassium Ferricyanide	R	200	Sodium Tripolyphosphate	R	200
Potassium Ferrocyanide	R	200	Soybean Oil	N	N
Potassium Fluoride	R	200	Stannic Chloride	R	200
Potassium Hydroxide	A	A	Stannous Chloride	R	200
Potassium Hypochlorite	R	200	Stannous Sulfate	R	200
Potassium Iodide	R	200	Starch	R	200
Potassium Nitrate	R	200	Stearic Acid	R	-
Potassium Perborate	R	180	Strontium Chloride	R	200
Potassium Perchlorate, sat'd	R	180	Styrene	N	N
Potassium Permanganate, sat'd	R	180	Sugar	R	200
Potassium Persulfate, sat'd	R	-	Sulfamic Acid	R	180
Potassium Phosphate	R	200	Sulfur	R	-
Potassium Sulfate	R	200	Sulfuric Acid, Fuming	N	N
Potassium Sulfide	R	200	Sulfuric Acid, 98%	R	125*
Potassium Sulfite	R	200	Sulfuric Acid, 85%	R	170*
Potassium Tripolyphosphate	R	200	Sulfuric Acid, 80%	R	180
Propanol, up to 0.5%	R	180	Sulfuric Acid, 50%	R	180
Propanol, greater than 0.5%	C	C	Tall Oil	C	C
Propionic Acid, up to 2%	R	180	Tannic Acid, 30%	R	-
Propionic Acid, greater than 2%	C	C	Tartaric Acid	R	-
Propionic Acid, pure	N	N	Terpenes	N	N
Propylene Dichloride	N	N	Tetrahydrofuran	N	N
Propylene Glycol, up to 25%	R	180	Tetrasodiumpyrophosphate	R	200
Propylene Glycol, greater than 25%	C	C	Texanol	N	N
Propylene Oxide	N	N	Thionyl Chloride	N	N
Pyridine	N	N	Toluene	N	N
Sea Water	R	200	Tributyl Phosphate	N	N
Silicic Acid	R	-	Trichloroethylene	N	N
Silicone Oil	R	-	Trisodium Phosphate	R	200
Silver Chloride	R	200	Turpentine	N	N
Silver Cyanide	R	200	Urea	R	180
Silver Nitrate	R	200	Urine	R	200
Silver Sulfate	R	200	Vegetable Oils	N	N
Soaps	R	200	Vinegar	R	200
Sodium Acetate	R	200	Vinyl Acetate	N	N
Sodium Aluminate	R	200	Water, Deionized	R	200
Sodium Arsenate	R	200	Water, Demineralized	R	200
Sodium Benzoate	R	200	Water, Distilled	R	200
Sodium Bicarbonate	R	200	Water, Salt	R	200
Sodium Bichromate	R	200	Water, Swimming Pool	R	200
Sodium Bisulfate	R	200	WD-40	C	C
Sodium Bisulfite	R	200	White Liquor	R	200
Sodium Borate	R	200	Xylene	N	N
Sodium Bromide	R	200	Zinc Acetate	R	200
Sodium Carbonate	R	200	Zinc Carbonate	R	200
Sodium Chlorate	R	200	Zinc Chloride	R	200
Sodium Chloride	R	200	Zinc Nitrate	R	200
Sodium Chlorite	R	200	Zinc Sulfate	R	200
Sodium Chromate	R	200			
Sodium Cyanide	R	200			
Sodium Dichromate	R	200			
Sodium Ferricyanide	R	200			
Sodium Ferrocyanide	R	200			

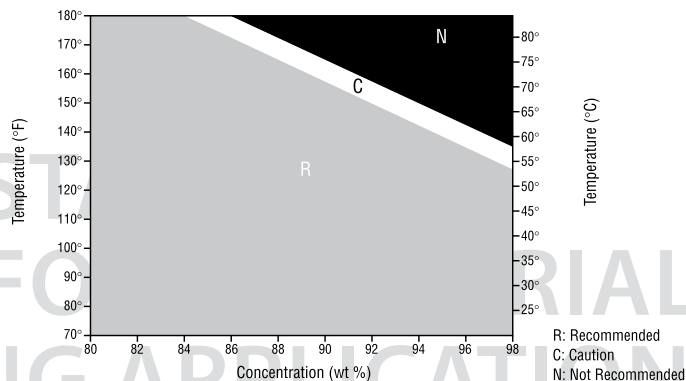
\*Lubrizol has determined that the surface temperature of gray CPVC installed in direct sunlight can reach peak temperatures approaching 175°F. This should be taken into account when establishing the maximum operating temperature of the system.

**Chemical Resistance of Corzan® CPVC to Nitric Acid**



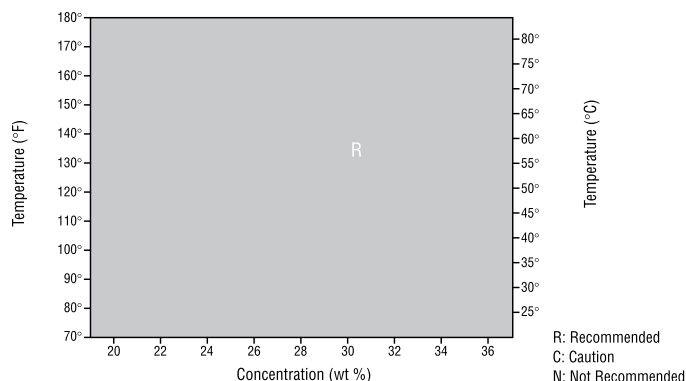
R: Recommended  
C: Caution  
N: Not Recommended

**Chemical Resistance of Corzan® CPVC to Sulphuric Acid**



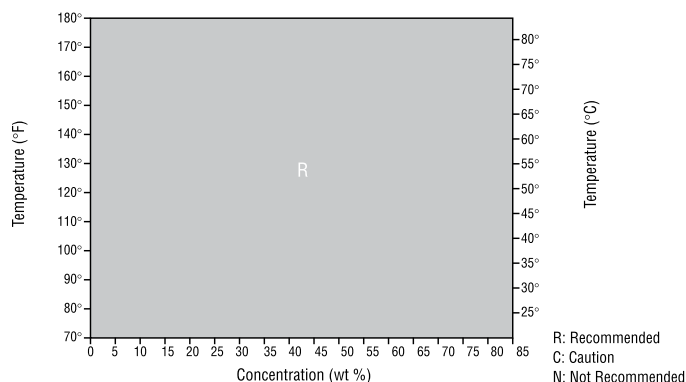
R: Recommended  
C: Caution  
N: Not Recommended

**Chemical Resistance of Corzan® CPVC to Hydrochloric Acid**



R: Recommended  
C: Caution  
N: Not Recommended

**Chemical Resistance of Corzan® CPVC to Phosphoric Acid**



R: Recommended  
C: Caution  
N: Not Recommended

**Table 8**  
**Chemical Waste Drain Applications**

Acetaldehyde, up to 10%	R	Bromine, liquid	R	Dibutyl Ether	R	Iodine	R	Oleum	R	Sodium Bichromate	R
Acetaldehyde, >10%	R	Bromine, aqueous	R	Dibutyl Phthalate	N	Isobutyl Alcohol	R	Olive Oil	C	Sodium Bisulfate	R
Acetaldehyde, pure	R	Bromobenzene	N	Dibutyl Sebacate	N	Isophorone	R	Oxalic Acid	R	Sodium Bisulfite	R
Acetic Acid, up to 10%	R	Bromotoluene	N	Dichlorobenzene	R	Isopropanol, up to 5%	R	Ozonized Water	R	Sodium Borate	R
Acetic Acid, >10%	R	Butanol, up to 1%	R	Dichloroethylene	R	Isopropanol, >5%	R	Palm Oil	R	Sodium Bromate	R
Acetic Acid, pure	R	Butanol, >1%	R	Diethylamine	R	Isopropanol, pure	R	Paraffin	R	Sodium Carbonate	R
Acetic Anhydride	R	Butanol, pure	R	Diethylamine	R	Isopropyl Acetate	R	Peanut Oil	C	Sodium Chlorate	R
Acetone, up to 5%	R	Butyl Acetate	C	Diethyl Cellosolve	R	Isopropyl Chloride	N	Peracetic Acid	R	Sodium Chloride	R
Acetone, >5%	R	Butyl Carbitol	R	Diethyl Ether	R	Isopropyl Ether	R	Perchloric Acid, 10%	R	Sodium Chlorite	R
Acetone, pure	R	Butyl Cellosolve	R	Diglycolic Acid	R	Kerosene	R	Phenol, up to 5%	R	Sodium Chromate	R
Acetonitrile, up to 10%	R	Butyl Phenol	C	Dill Oil	R	Ketchup	R	Phenol, >5%	R	Sodium Cyanide	R
Acetonitrile, >10%	R	Butyric Acid, up to 1%	R	Dimethyl Phthalate	N	Kraft Liquors	R	Phenol, pure	R	Sodium Dichromate	R
Acetonitrile, pure	R	Butyric Acid, >1%	R	Dimethylamine	R	Lactic Acid	R	Phenylhydrazine	C	Sodium Formate	R
Acetyl Chloride	R	Butyric Acid, pure	R	Dimethylformamide	R	Lard Oil	C	Phosphate Esters	N	Sodium Ferricyanide	R
Acetophenone	C	Cadmium Acetate	R	Dimethylhydrazine	R	Lauryl Chloride	C	Phosphoric Acid	R	Sodium Fluoride	R
Acrylic Acid, aqueous	R	Cadmium Chloride	R	Dioctyl Phthalate	N	Lead Acetate	R	Phosphorus Pentoxide	R	Sodium Formate	R
Acrylic Acid, pure	R	Cadmium Cyanide	R	Disodium Phosphate	R	Lead Chloride	R	Phosphorus Trichloride	R	Sodium Hydroxide	R
Acrylonitrile, aqueous	R	Cadmium Sulfate	R	Dioxane, up to 30%	R	Lead Nitrate	R	Photographic Solutions	R	Sodium Hypobromite	R
Acrylonitrile, pure	R	Calcium Acetate	R	Dioxane, >30%	R	Lead Sulfate	R	Phthalic Acid	C	Sodium Hypochlorite	R
Adipic Acid	R	Calcium Bisulfide	R	Dioxane, pure	R	Lemon Oil	R	Picric Acid	C	Sodium Iodide	R
Allyl Alcohol, aqueous	R	Calcium Bisulfite	R	Distilled Water	R	Ligroin	R	Pine Oil	R	Sodium Metaphosphate	R
Allyl Alcohol, pure	R	Calcium Carbonate	R	EDTA, Tetrasodium-	R	Limonene	R	Plating Solutions	R	Sodium Nitrate	R
Allyl Chloride	N	Calcium Chlorate	R	Ethanol, up to 10%	R	Linoleic Acid	C	Polyethylene Glycol	R	Sodium Nitrite	R
Alum	R	Calcium Chloride	R	Ethanol, >10%	R	Linseed Oil	C	Polyvinyl Alcohol	R	Sodium Palmitate	R
Aluminum Acetate	R	Calcium Hydroxide	R	Ethanol, pure	R	Lithium Bromide	R	Potash	R	Sodium Perborate	R
Aluminum Chloride	R	Calcium Hypochlorite	R	Ethyl Acetate	R	Lithium Chloride	R	Potassium Acetate	R	Sodium Perchlorate	R
Aluminum Fluoride	R	Calcium Nitrate	R	Ethyl Acetoacetate	R	Lithium Hydroxide	R	Potassium Bicarbonate	R	Sodium Peroxide	R
Aluminum Hydroxide	R	Calcium Oxide	R	Ethyl Acrylate	R	Lithium Sulfate	R	Potassium Bichromate	R	Sodium Phosphate	R
Aluminum Nitrate	R	Calcium Sulfate	R	Ethyl Benzene	C	Magnesium Carbonate	R	Potassium Bisulfate	R	Sodium Silicate	R
Aluminum Sulfate	R	Cane Sugar Liquors	R	Ethyl Chloride	N	Magnesium Chloride	R	Potassium Borate	R	Sodium Sulfate	R
Amines	C	Caprolactam, aqueous	R	Ethyl Chloroacetate	N	Magnesium Citrate	R	Potassium Bromate	R	Sodium Sulfide	R
Ammonia	R	Caprolactone, aqueous	R	Ethyl Ether	R	Magnesium Fluoride	R	Potassium Bromide	R	Sodium Sulfite	R
Ammonium Acetate	R	Carbitol	R	Ethyl Formate	R	Magnesium Hydroxide	R	Potassium Carbonate	R	Sodium Thiosulfate	R
Ammonium Benzoate	R	Carbolic Acid, up to 5%	R	Ethyl Mercaptan	R	Magnesium Nitrate	R	Potassium Chlorate	R	Sodium Tripolyphosphate	R
Ammonium Bifluoride	R	Carbolic Acid, >5%	R	Ethyl Oxalate	R	Magnesium Oxide	R	Potassium Chloride	R	Soybean Oil	C
Ammonium Carbonate	R	Carbolic Acid, pure	R	Ethylene Bromide	N	Magnesium Sulfate	R	Potassium Chromate	R	Stannic Chloride	R
Ammonium Chloride	R	Carbon Disulfide	C	Ethylene Chloride	N	Maleic Acid	R	Potassium Cyanate	R	Stannous Chloride	R
Ammonium Citrate	R	Carbon Tetrachloride	N	Ethylene Chlorohydrin	N	Malic Acid	R	Potassium Cyanide	R	Stannous Sulfate	R
Ammonium Dichromate	R	Carbonic Acid	R	Ethylene Glycol, up to 50%	R	Manganese Sulfate	R	Potassium Dichromate	R	Starch	R
Ammonium Fluoride	R	Castor Oil	C	Ethylene Glycol, >50%	R	Mercuric Chloride	R	Potassium Ferricyanide	R	Stearic Acid	R
Ammonium Hydroxide	R	Caustic Potash	R	Ethylene Oxide	R	Mercuric Cyanide	R	Potassium Ferrocyanide	R	Strontium Chloride	R
Ammonium Metaphosphate	R	Caustic Soda	R	Ethylendiamine	R	Mercuric Sulfate	R	Potassium Fluoride	R	Styrene	C
Ammonium Nitrate	R	Cellosolve	R	2-ethylhexanol	R	Mercurous Nitrate	R	Potassium Hydroxide	R	Succinic Acid	R
Ammonium Persulfate	R	Cellosolve Acetate	R	Fatty Acids	C	Mercury	R	Potassium Hypochlorite	R	Sugar	R
Ammonium Phosphate	R	Chloramine, aqueous	R	Ferric Chloride	R	Methanesulfonic Acid	R	Potassium Iodide	R	Sulfamic Acid	R
Ammonium Sulfamate	R	Chloric Acid	R	Ferric Hydroxide	R	Methanol, up to 10%	R	Potassium Nitrate	R	Sulfuric Acid	R
Ammonium Sulfate	R	Chlorine, aqueous	R	Ferric Nitrate	R	Methanol, >10%	R	Potassium Perborate	R	Sulfurous Acid	R
Ammonium Sulfide	R	Chlorine dioxide, aqueous	R	Ferric Sulfate	R	Methanol, pure	R	Potassium Perchlorate	R	Tall Oil	C
Ammonium Thiocyanate	R	Chloroacetic Acid, up to 25%	R	Ferrous Chloride	R	Methyl Acetate, up to 5%	R	Potassium Permanganate	R	Tannic Acid	R
Ammonium Tartrate	R	Chloroacetic Acid, >25%	R	Ferrous Hydroxide	R	Methyl Acetate, >5%	R	Potassium Persulfate	R	Tartaric Acid	R
Amyl Acetate	C	Chloroacetic Acid, pure	R	Ferrous Nitrate	R	Methyl Acetate, pure	R	Potassium Phosphate	R	Tetrahydrofuran	R
Amyl Alcohol, up to 1%	C	Chlorobenzene	N	Ferrous Sulfate	R	Methyl Cellosolve	R	Potassium Sulfate	R	Tetrahydronaphthalene	R
Amyl Alcohol, >1%	C	Chloroform	N	Fish Oil	C	Methyl Chloride	N	Potassium Sulfide	R	Tetrasodium pyrophosphate	R
Amyl Alcohol, pure	C	Chromic Acid, 40%	R	Fluoboric Acid	R	Methyl Chloroform	N	Potassium Sulfite	R	Thionyl Chloride	R
Amyl Chloride	C	Chromium Nitrate	R	Fluosilicic Acid	R	Methyl Ethyl Ketone	R	Potassium Tripolyphosphate	R	Toluene	C
Aniline	C	Citric Acid	R	Formaldehyde	R	Methyl Formate	R	Propanol, up to 1%	R	Tomato Juice	R
Aniline Hydrochloride	C	Citrus Oils	R	Formic Acid, up to 25%	R	Methyl Isobutyl Ketone	R	Propanol, >1%	R	Tributyl Citrate	R
Anthraquinone	C	Coconut Oil	C	Formic Acid, >25%	R	Methyl Isopropyl Ketone	R	Propanol, pure	R	Tributyl Phosphate	R
Antimony Trichloride, aqueous	R	Coffee	R	Formic Acid, pure	R	Methyl Methacrylate	R	Propargyl Alcohol	R	Trichloroacetic Acid	R
Aqua Regia	R	Copper Acetate	R	Fructose	R	Methylamine	R	Propionic Acid, up to 5%	R	Trichloroethylene	N
Arsenic Acid	R	Copper Carbonate	R	Furfural	R	Methylene Bromide	N	Propionic Acid, >5%	R	Triethanolamine	R
Aryl Sulfonic Acid	R	Copper Chloride	R	Gallic Acid, aqueous	R	Methylene Chloride	N	Propionic Acid, pure	R	Triethylamine	R
Asphalt	N	Copper Cyanide	R	Gasoline	R	Methylene Chlorobromide	N	Propyl Acetate	R	Trimethyl Propane	R
Barium Carbonate	R	Copper Fluoride	R	Gelatine	R	Methylene Iodide	N	Propyl Bromide	N	Trisodium Phosphate	R
Barium Chloride	R	Copper Nitrate	R	Glucose	R	Mineral Oil	R	Propylene Dichloride	N	Tung Oil	C
Barium Hydroxide	R	Copper Sulfate	R	Glycerine	R	Molasses	R	Propylene Glycol, up to 25%	R	Turpentine	C
Barium Nitrate	R	Corn Oil	C	Glycolic Acid	R	Monoethanolamine	R	Propylene Glycol, >25%	R	Urea	R
Barium Sulfate	R	Corn Syrup	R	Glyoxal, aqueous	R	Morpholine	R	Propylene Oxide	R	Urine	R
Barium Sulfide	R	Cottonseed Oil	C	Green Liquor	R	Motor Oil	C	Pyridine	R	Vegetable Oils	C
Beer	R	Creosote	N	Halocarbon Oils	N	Muriatic Acid	N	Pyrogallol	R	Vinagar	R
Beet Sugar Liquors	R	Cresol	N	Heptane	R	Naphtha	C	Pyrrrole	R	Vinyl Acetate	R
Benzaldehyde	C	Crotonaldehyde	R	Hexane	R	Naphthalene	C	Salicylaldehyde	R	Water	R
Benzene	C	Cumene	C	Hexanol	R	Nickel Acetate	R	Sea Water	R	Whiskey	R
Benzene Sulfonic Acid	R	Cupric Fluoride	R	Hydrazine	R	Nickel Chloride	R	Silicic Acid	R	White Liquor	R
Benzoic Acid, aqueous	R	Cupric Sulfate	R	Hydrobromic Acid	R	Nickel Nitrate	R	Silicone Oil	R	Wine	R
Benzyl Alcohol	R	Cuprous Chloride	R	Hydrochloric Acid	R	Nickel Sulfate	R	Silver Chloride	R	Xylene	C
Benzyl Chloride	N	Cyclohexane	R	Hydrocyanic Acid	R	Nitric Acid	R	Silver Cyanide	R	Zinc Acetate	R
Bismuth Carbonate	R	Cyclohexanol	R	Hydrofluoric Acid	R	Nitrobenzene	C	Silver Nitrate	R	Zinc Carbonate	R
Black Liquor	R	Cyclohexanone	R	Hydrogen Peroxide, 10%	R	Nitroethane	C	Silver Sulfate	R	Zinc Chloride	R
Bleach	R	Decahydronaphthalene	R	Hydrogen Peroxide, 30%	R	Nitroglycerine	C	Soaps	R	Zinc Nitrate	R
Blood	R	Detergents	R	Hydrogen Peroxide, 50%	R	Nitromethane	C	Sodium Acetate	R	Zinc Sulfate	R
Borax	R	Dextrin	R	Hydrogen Sulfide, aqueous	R	Nitrosous Acid	R	Sodium Aluminate	R		
Boric Acid	R	Dextrose	R	Hydroquinone, aqueous	R	Octane	R	Sodium Arsenate	R		
Brine Acid	R	Diacetone Alcohol	R	Hydroxylamine Sulfate	R	Octanol	R	Sodium Benzoate	R		
Bromic Acid	R	Dibutoxyethyl Phthalate	N	Hypochlorous Acid	R	Oil, Crude	C	Sodium Bicarbonate	R		

R - Recommended

N - Not Recommended

C - Caution, further testing suggested - suspect with certain stress levels