

A - No effect / Little effect
 B- Some effect, testing is recommended
 C - Severe effect, NOT recommended

Service	Borosilicate glass
Acetaldehyde	A
Acetamide	A
Acetic acid (5%)	A
Acetic acid (10%)	A
Acetic acid (50%)	A
Acetic acid (80%)	A
Acetic acid, glacial	A
Acetic anhydride	A
Acetone (10%)	A
Acetone (100%)	A
Acetonitrile	A
Acetophenone	A
Acetyl Chloride	A
Acetylene	A
Acetylene Tetrabromide	A
Acetylene Tetrachloride	A
Acrylic acid	A
Acrylonitrile	A
Adipic acid	A
Allyl Alcohol	A
Allyl Chloride	A
Alum	A
Aluminum Acetate	A
Aluminum Chloride, aq.	A
Aluminum Fluoride	
Aluminum Hydroxide	C
Aluminum Nitrate	A
Aluminum Oxychloride	A
Alum. Pot. Sulfate	A
Ammonia, anhydrous (liquid)	A
Ammonia, anhydrous (dry gas)	A
Ammonia liquid	A
Ammonium Acetate (saturated)	A
Ammonium Bifluoride	
Ammonium Bisulfide	A
Ammonium Bromide (50%)	A
Ammonium Carbonate (saturated)	
Ammonium Chloride (saturated)	A
Ammonium Dichromate	A
Ammonium Fluoride (10%)	

Ammonium Flouride (25%)	
Ammonium Flouride (saturated)	
Ammonium Hydroxide (1%)	
Ammonium Hydroxide (10%)	
Ammonium Hydroxide (30%)	
Ammonium Metaphosphate	A
Ammonium Nitrate (saturated)	A
Ammonium Persulfate	A
Ammonium Phosphate	A
Ammonium Sulfate (saturated)	A
Ammonium Sulfide	A
Ammonium Thiocyanate	A
Amyl Acetate	A
Amyl Alcohol	A
n-Amyl Chloride	A
Aniline	A
Aniline Hydrochloride (10%)	A
Antimony Trichloride	A
Aqua Regia	A
Argon	A
Arsenic Acid	A
Aryl Sulfonic Acid	A
Barium Carbonate	A
Barium Chloride	A
Barium Hydroxide	
Barium Nitrate	A
Barium Sulfate	A
Barium Sulfide	A
Beer	A
Beet Sugar Liquors	A
Benzaldehyde	A
Benzene	A
Benzene Sulfonic Acid	A
Benzoic Acid	A
Benzoyl Chloride	A
Benzyl Alcohol	A
Benzyl Chloride	A
Bismuth Carbonate	A
Black Liquor	A
Blood	A
Borax	A
Boric Acid	A
Brine (acid)	A
Brine (basic)	
Bromine (dry gas)	A
Bromine (water-3% saturated)	A
Bromine (liquid)	A

mono-Bromobenzene	A
Bromoform	A
m-Bromotoluene	A
Butadiene	A
Butane	A
Butanediol	A
Butanol (Butyl Alcohol)	A
Butyl Acetate	A
Butyl Acrylate	A
Butyl Bromide	A
n-Butyl Chloride	A
Butyl Mercaptan	A
Butyl Phenol	A
Butyl Phthalate	A
Butyraldehyde	A
Butyric Acid	A
Calcium Bisulfide	A
Calcium Bisulfite	A
Calcium Carbonate	
Calcium Chlorate	A
Calcium Chloride	A
Calcium Chlorite	A
Calcium Hydroxide	
Calcium Hypochlorite	A
Calcium Nitrate	A
Calcium Oxide	A
Calcium Sulfate	A
Calcium Sulfide	A
Cane Sugar Liquors	A
Caprylic Acid	A
Carbon Bisulfide	A
Carbon Dioxide	A
Carbon Disulfide	A
Carbon Monoxide	A
Carbon Tetrachloride	A
Carbonic Acid	A
Castor Oil	A
Cellosolve	A
Chloral Hydrate	A
Chloramine	A
Chloric Acid	A
Chlorinated Phenol	
Chlorine Dioxide	A
Chlorine, gas (dry)	A
Chlorine, gas (wet)	A
Chlorinated Water, 10 ppm	A
Chlorinated Water, sat.	A

Chloroacetic Acid	A
Chloroacetyl Chloride	A
Chlorobenzene	A
Chlorobenzyl Chloride	A
Chloroform	A
Chlorohydrin	A
Chloropicrin	A
Chlorosulfonic Acid	A
Chlorox bleach (5.5% NaOCl)	A
Chromic Acid, 10%	A
Chromic Acid, 30%	A
Chromic Acid, 40%	A
Chromic Acid, 50%	A
Chromium Plating solution	A
Chromium Potassium Sulfate	A
Chromyl Chloride	A
Citric Acid	A
Coal Gas	A
Coconut Oil	A
Coke Oven Gas	A
Copper Acetate	A
Copper Carbonate	
Copper Chloride	A
Copper Cyanide	
Copper Fluoride	
Copper Nitrate	A
Copper Sulfate	A
Corn Oil	A
Cottonseed Oil	A
Cresol	A
Creosote	A
Cresylic Acid (50%)	A
Crotonaldehyde	A
Crude Oil	A
Cupric Chloride	A
Cyanoacetic Acid	A
Cyclohexane	A
Cyclohexanol	A
Cyclohexanone	A
Detergents	A
Dextrose	A
Diacetone Alcohol	A
Diazo Salts	A
1,2-Dibromo Propane	A
Dibutyl Phthalate	A
Dibutyl Sebacate	A
Dichloroacetic Acid	A

o-Dichlorobenzene	A
Dichloroethane	A
Dichloroethylene (Ethylene Dichloride)	A
Dichloropropionic acid	A
Diesel fuels	A
Diethanol Amine	A
Diethyl Amine (aq.)	A
Diethyl Ether	A
Diethylene Glycol Ethers	A
Di-isobutylene	A
Di-isobutylketone	A
Dimethyl Amine (aq.)	A
Dimethyl Aniline	A
Dimethyl Formamide	A
Dimethyl Phthalate	A
Dimethyl Sulfate	A
Disodium Phosphate	A
Dowtherm A	A
Epichlorohydrin	A
Ether	A
Ethyl Acetate	A
Ethyl Acetoacetate	A
Ethyl Acrylate	A
Ethyl Alcohol (Ethanol)	A
Ethyl Benzene	A
Ethyl Chloride	A
Ethyl Chloroacetate	A
Ethyl Cyanoacetate	A
Ethyl Ether	A
Ethyl Formate	A
Ethylene Bromide	A
Ethylene Chlorohydrin	A
Ethylene Diamine	A
Ethylene Dibromide	A
Ethylene Dichloride	A
Ethylene Glycol	A
Ethylene Oxide (5% aq.)	A
Ethylene Trichloride	A
Fatty Acids	A
Ferric Chloride, Aq.	A
Ferric Chloride + HCl	A
Ferric Hydroxide	
Ferric Nitrate	A
Ferric Sulfate	A
Ferrous Chloride	A
Ferrous Chloride + HCl	A
Ferrous Hydroxide	

Ferrous Nitrate	A
Ferrous Sulfate	A
Fish Solubles	A
Flourine Gas, Dry	
Flourine Gas, Wet	
Fluoboric Acid	C
Fluosilicic Acid	C
Formaldehyde (37%)	A
Formaldehyde (50%)	A
Formic Acid	A
Freon1 Fluorocarbons	A
Fructose	A
Fruit Juices Pulp	A
Fuel Oil	A
Furfural	A
Gallic Acid	A
Gas (manufactured)	A
Gas (Natural)	A
Gasoline, Leaded	A
Gasoline, Unleaded	A
Gasahol	A
Gasoline, Sour	A
Gelatin	A
Gin	A
Glucose	A
Glue	A
Glycerin	A
Glycol	A
Glycolic Acid	A
Gypsum	A
Heptane	A
n-Hexane	A
Hexanol	A
Hydraulic Oil	A
Hydrazine Dihydrochloride	A
Hydriodic Acid (40%)	A
Hydrobromic Acid (10%)	A
Hydrobromic Acid (50%)	A
Hydrochloric Acid (10%)	A
Hydrochloric Acid (20%)	A
Hydrochloric Acid (35%)	A
Hydrochloric Acid (37%)	A
Hydrocyanic Acid	
Hydrofluoric Acid (20%)	C
Hydrofluoric Acid (30%)	C
Hydrofluoric Acid (37%)	C
Hydrofluoric Acid (48%)	C

Hydrofluoric Acid (60%)	C
Hydrofluoric Acid (100%)	C
Hydrofluosilicic Acid (35%)	
Hydrogen	A
Hydrogen Chloride (dry gas)	A
Hydrogen Cyanide	A
Hydrogen Fluoride (gas)	
Hydrogen Peroxide (3-8%)	A
Hydrogen Peroxide (30%)	A
Hydrogen Peroxide (90%)	A
Hydrogen Sulfide (dry)	A
Hydrogen Sulfide (wet)	A
Hydroquinone	A
Hypochlorous Acid	A
Iodine (gas)	A
Iodine (10%)	A
Iodoform	A
Isobutane	A
Isobutyl Alcohol	A
Isooctane	A
Isopropyl Alcohol	A
Isopropyl Chloride	A
Isopropyl Ether	A
JP-3 Fuel	A
JP-4 Fuel	A
JP-5 Fuel	A
JP-6 Fuel	A
Kerosene	A
Ketchup	A
Ketones	A
Kraft Liquors	A
Lactic Acid (80%)	A
Lard Oil	A
Lauric Acid	A
Lauryl Chloride	A
Lead Acetate	A
Lead Nitrate	A
Lead Sulfate	A
Lemon Oil	A
Lime Sulphur solution	A
Linoleic Acid	A
Linseed Oil	A
Lithium Bromide (sat.)	A
Lubricating Oil	A
ASTM #1 Oil	A
ASTM #2 Oil	A
ASTM #3 Oil	A

Magnesium Carbonate	A
Magnesium Chloride	A
Magnesium Hydroxide	
Magnesium Nitrate	A
Magnesium Sulfate (10% sat.)	A
Maleic Acid (10%)	A
Maleic Anhydride	A
Malic Acid	A
Manganese Sulfate	A
Mercuric Chloride	A
Mercuric Cyanide	A
Mercuric Nitrate	A
Mercuric Sulfate	A
Mercurous Nitrate	A
Mercury	A
Methacrylic Acid	A
Methane	A
Methane Sulfonic Acid	A
Methyl Acetate	A
Methyl Acetone	A
Methyl Alcohol (Methanol)	A
Methyl Amine	A
Methyl Bromide	A
Methyl Cellosolve ethers	A
Methyl Chloride	A
Methyl Chloroform	A
Methyl Ethyl Ketone	A
Methyl Isobutyl Ketone	A
Methyl Methacrylate	A
Methyl Salicylate	A
Methylene Bromide	A
Methylene Chloride	A
Methylene Iodide	A
Milk	A
Mineral Oil	A
Molasses	A
Monochloroacetic Acid	A
Monochlorobenzene	A
Monoethanolamine	A
Morpholine	A
Motor Oil	A
Naptha	A
Napthalene	A
Nickel Chloride	A
Nickel Nitrate	A
Nickel Sulfate	A
Nicotinic Acid	A

Nitric Acid (5-10%)	A
Nitric Acid (30%)	A
Nitric Acid (50%)	A
Nitric Acid (70% fuming)	A
Nitrobenzene	A
Nitrogen Gas	A
Nitrogen Dioxide	A
Nitroglycerin	A
Nitromethane	A
Nitrous Acid (10%)	A
Nitrous Oxide	A
n-Octane	A
Oleic Acid	A
Oleum	A
Olive Oil	A
Oxalic Acid	A
Oxygen Gas	A
Ozone	A
Palmitic Acid	A
Paraffin	A
n-Pentane	A
Perchloric Acid (10%)	A
Perchloric Acid (70%)	A
Perchloroethylene	A
Petroleum Oils	A
Phenol (5%)	A
Phenol (90%-100%)	A
Phenolsulfonic Acid	A
o-Phenylphenol	
Phosphoric Acid (10%-50%)	C
Phosphoric Acid (50%-85%)	C
Phosphorous Oxychloride	A
Phosphorous - red	A
Phosphorous Trichloride	A
Phosphorous - yellow	A
Photographic solutions	A
Phthalic Acid	A
Picric Acid	A
Plating Sol. - Brass	A
Plating sol. - Cadmium	A
Plating sol. - Chrome	A
Plating Sol. - Copper	A
Plating sol. - Gold	A
Plating Sol. - Iron	A
Plating Sol. - Lead	A
Plating Sol. - Nickel	A
Plating Sol. - Rhodium	A

Plating Sol. - Silver	A
Plating Sol. - Speculum	A
Plating Sol. - Tin	A
Plating Sol. - Zinc	A
Polyglycol	A
Polyvinyl Acetate	A
Polyvinyl Alcohol	A
Potash (Potassium Carbonate)	A
Potassium Acetate	A
Potassium Aluminum Chloride	A
Potassium Aluminum Sulfate (50%)	A
Potassium Bicarbonate	
Potassium Bichromate	A
Potassium Bisulfate	A
Potassium Borate	A
Potassium Bromate	A
Potassium Bromide	A
Potassium Carbonate	A
Potassium Chlorate (aq.)	A
Potassium Chloride	A
Potassium Chromate	A
Potassium Cyanide	
Potassium Dichromate	A
Potassium Fluoride	C
Potassium Hydroxide (10%)	C
Potassium Hydroxide (50%)	C
Potassium Hydroxide (60-90%)	C
Potassium Hypochlorite	
Potassium Iodide	A
Potassium Nitrate	A
Potassium Perborate	A
Potassium Perchlorate	A
Potassium Permanganate	A
Potassium Persulfate	A
Potassium Sulfate	A
Potassium Sulfide	A
Potassium Sulfite	A
Propane	A
Propyl Acetate	A
Propyl Alcohol	A
n-Propyl Bromide	A
Propylene Chlorohydrin	A
Propylene Dibromide	A
Propylene Dichloride	A
Propylene Glycol	A
Propylene Oxide	A
n-Propyl Nitrate	A

Pyridine	A
Pyrogalllic Acid	A
Pyrrole	A
Rosin	A
Salicylaldehyde	A
Salicylic Acid	A
Selenic Acid (aq.)	A
Silicone Oil	A
Silver Cyanide	A
Silver Nitrate	A
Soaps	A
Soap Solutions (sat.)	A
Sodium Acetate	A
Sodium Aluminate	A
Sodium Benzoate	A
Sodium Bicarbonate	A
Sodium Bichromate	A
Sodium Bisulfate	A
Sodium Bisulfite	A
Sodium Borate (Borax)	A
Sodium Bromide	A
Sodium Carbonate	A
Sodium Chlorate	A
Sodium Chloride	A
Sodium Chlorite solutions	A
Sodium Chromate	A
Sodium Cyanide (sat.)	A
Sodium Dichromate	A
Sodium Dodecyl Benzene (30%)	A
Sodium Ferricyanide	
Sodium Ferrocyanide	A
Sodium Fluoride (sat.)	C
Sodium Hydroxide (<10%)	B
Sodium Hydroxide (10-50%)	C
Sodium Hydroxide (50%)	C
Sodium Hydroxide (>50%)	C
Sodium Hypochlorite (5%)	
Sodium Hypochlorite (5-15%)	
Sodium Hypochlorite (>15%)	
Sodium Iodide	A
Sodium Metaphosphate	A
Sodium Nitrate	A
Sodium Nitrite	A
Sodium Perborate	A
Sodium Perchlorate	A
Sodium Peroxide	A
Sodium Phosphate (10%)	A

Sodium Silicate	A
Sodium Sulfate	A
Sodium Sulfide	A
Sodium Sulfite	A
Sodium Thiosulfate	A
Sour Crude Oil	A
Soybean Oil	A
Stannic Chloride	A
Stannous Chloride (50%)	A
Starch	A
Steam (low pressure)	A
Steam (med. pressure)	A
Steam (high pressure)	A
Stearic Acid	A
Stoddard's Solvent	A
Styrene Monomer	A
Succinic Acid	A
Sugar Syrup	A
Sulfamic Acid	A
Sulfate Liquors	A
Sulfite Liquors	A
Sulfur	A
Sulfur Chloride	A
Sulfur Dichloride	A
Sulfur Dioxide (wet or dry gas)	A
Sulfur Dioxide (liquid)	A
Sulfur Trioxide (liquid or gas)	A
Sulfuric Acid (10%)	A
Sulfuric Acid (16%)	A
Sulfuric Acid (30%)	A
Sulfuric Acid (60%)	A
Sulfuric Acid (70%)	A
Sulfuric Acid (85%)	A
Sulfuric Acid (93%)	A
Sulfuric Acid (96%)	A
Sulfuric Acid (98%)	A
Sulfuric Acid (>98%-fuming)	A
Sulfurous Acid	A
Sulfuryl Fluoride	A
Tall Oil	A
Tallow	A
Tannic Acid	A
Tar	A
Tartaric Acid	A
Tetrachloroethane	A
Tetrachloroethylene	A
Tetraethyl Lead	A

Tetrahydrofuran	A
Thread Cutting Oils	A
Thionyl Chloride	A
Titanium Tetrachloride	A
Toluene (Toluol)	A
Tomato Juice	A
Transformer Oil	A
Tributyl Phosphate	A
Trichloroacetic Acid (10%)	A
Trichloroacetic Acid (100%)	A
1,1,2-Trichloroethane	A
Trichloroethylene	A
2,4,5-Trichlorophenol	A
Tricresyl Phosphate	A
Triethanolamine	A
Triethylamine	A
Trimethylamine	A
Trimethyl Propane	A
Trisodium Phosphate	A
Turpentine	A
Urea	A
Urine	A
Varnish	A
Vaseline	A
Vegetable Oil	A
Vinegar	A
Vinyl Acetate	A
Vinyl Chloride monomer	A
Vinylidene Chloride monomer	A
Water, acid mine	A
Water, deionized	A
Water, demineralized	A
Water, distilled	A
Water, fresh	A
Water, potable	A
Water, salt	A
Water, sea	A
Water, sewage	A
Water, soft	A
Water, waste	
Whiskey	A
White Liquor	A
Wine	A
Xylene	A
Zinc Acetate	A
Zinc Chloride	A
Zinc Hydrosulfite (10%)	A

Zinc Nitrate	A
Zinc Sulfate	A

