

Chemical Resistance Data	
<p>These recommendations are based upon information from material suppliers and careful examination of available published information and are believed to be accurate. However since the resistance of metals, plastics and elastomers of other chemicals can be affected by concentration, temperature, presence of other chemicals and other factors, this information should be considered as a general guide rather than an unqualified guarantee. Ultimately, the customer must determine the suitability of the material used with various solutions and environments. All recommendations assume ambient temperatures unless otherwise noted.</p>	<p>A = Excellent B = Good -- Minor Effect, slight corrosion or discoloration C = Fair - Moderate Effect, not recommended for continuous use. D = Severe Effect, not recommended for ANY use. N/A = Information Not Available at time of publishing</p>

CALBRITE™ Chemical Resistance Comparison Chart

CONDUIT ALLOY Compatibility					
Chemical	304 Stainless Steel	316 Stainless Steel	Aluminum	PVC	GALV-ZINC STEEL
Acetaldehyde	A-Excellent	A-Excellent	B-Good	C-Fair	A-Excellent
Acetamide	B-Good	A-Excellent	A-Excellent	C-Fair	N/A
Acetate Solvent	A-Excellent	A-Excellent	A-Excellent	D-Severe Effect	N/A
Acetic Acid 20%	B-Good	A-Excellent	B-Good	N/A	D-Severe Effect
Acetic Acid 80%	D-Severe Effect	B-Good	D-Severe Effect	N/A	D-Severe Effect
Acetic Acid, Glacial	B-Good	A-Excellent	B-Good	C-Fair	D-Severe Effect
Acetic Anhydride	B-Good	A-Excellent	A-Excellent	N/A	N/A
Acetone	A-Excellent	A-Excellent	A-Excellent	D-Severe Effect	B-Good
Acetyl Bromide	B-Good	B-Good	N/A	N/A	C-Fair
Acetyl Chloride (dry)	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Acetylene	A-Excellent	A-Excellent	A-Excellent	N/A	C-Fair
Acrylonitrile	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
Adipic Acid	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Alcohols: Amyl	A-Excellent	A-Excellent	B-Good	N/A	N/A
Alcohols: Benzyl	B-Good	B-Good	B-Good	N/A	N/A
Alcohols: Butyl	A-Excellent	A-Excellent	B-Good	N/A	N/A
Alcohols: Diacetone	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Alcohols: Ethyl	A-Excellent	A-Excellent	B-Good	N/A	N/A

Alcohols:Hexyl	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Alcohols:Isobutyl	A-Excellent	A-Excellent	B-Good	N/A	N/A
Alcohols:Isopropyl	B-Good	B-Good	B-Good	N/A	N/A
Alcohols:Methyl	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Alcohols:Octyl	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Alcohols:Propyl	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Aluminum Chloride	B-Good	B-Good	D-Severe Effect	A-Excellent	B-Good
Aluminum Chloride 20%	D-Severe Effect	C-Fair	D-Severe Effect	A-Excellent	C-Fair
Aluminum Hydroxide	A-Excellent	C-Fair	B-Good	A-Excellent	B-Good
Aluminum Nitrate	A-Excellent	A-Excellent	D-Severe Effect	N/A	C-Fair
Aluminum Potassium Sulfate 10%	A-Excellent	A-Excellent	C-Fair	N/A	D-Severe Effect
Aluminum Potassium Sulfate 100%	D-Severe Effect	B-Good	C-Fair	A-Excellent	D-Severe Effect
Aluminum Sulfate	B-Good	B-Good	B-Good	A-Excellent	C-Fair
Alums	N/A	A-Excellent	A-Excellent	N/A	N/A
Amines	A-Excellent	A-Excellent	B-Good	C-Fair	N/A
Ammonia 10%	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Ammonia Nitrate	A-Excellent	A-Excellent	C-Fair	B-Good	N/A
Ammonia, anhydrous	A-Excellent	A-Excellent	A-Excellent	D-Severe Effect	N/A
Ammonia, liquid	B-Good	A-Excellent	A-Excellent	A-Excellent	N/A
Ammonium Acetate	B-Good	A-Excellent	A-Excellent	N/A	D-Severe Effect
Ammonium Bifluoride	D-Severe Effect	B-Good	B-Good	N/A	B-Good
Ammonium Carbonate	B-Good	B-Good	B-Good	N/A	B-Good
Ammonium Caseinate	N/A	A-Excellent	N/A	N/A	N/A
Ammonium Chloride	C-Fair	B-Good	B-Good	A-Excellent	C-Fair
Ammonium Hydroxide	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
Ammonium Nitrate	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A

Ammonium Oxalate	A-Excellent	A-Excellent	N/A	N/A	N/A
Ammonium Persulfate	A-Excellent	A-Excellent	D-Severe Effect	A-Excellent	N/A
Ammonium Phosphate, Dibasic	C-Fair	B-Good	B-Good	A-Excellent	N/A
Ammonium Phosphate, Monobasic	C-Fair	B-Good	B-Good	A-Excellent	N/A
Ammonium Phosphate, Tribasic	B-Good	B-Good	B-Good	A-Excellent	N/A
Ammonium Sulfate	B-Good	A-Excellent	A-Excellent	A-Excellent	C-Fair
Ammonium Sulfite	B-Good	B-Good	D-Severe Effect	N/A	B-Good
Ammonium Thiosulfate	N/A	A-Excellent	N/A	N/A	N/A
Amyl Acetate	A-Excellent	A-Excellent	A-Excellent	D-Severe Effect	N/A
Amyl Alcohol	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
Amyl Chloride	A-Excellent	A-Excellent	A-Excellent	D-Severe Effect	N/A
Aniline	A-Excellent	B-Good	C-Fair	D-Severe Effect	B-Good
Aniline Hydrochloride	D-Severe Effect	D-Severe Effect	D-Severe Effect	N/A	N/A
Antifreeze	N/A	A-Excellent	A-Excellent	A-Excellent	N/A
Antimony Trichloride	D-Severe Effect	D-Severe Effect	D-Severe Effect	N/A	N/A
Aqua Regia (80% HCl, 20% HNO3)	D-Severe Effect	D-Severe Effect	D-Severe Effect	D-Severe Effect	N/A
Arochlor 1248	B-Good	B-Good	A-Excellent	N/A	N/A
Aromatic Hydrocarbons	N/A	C-Fair	A-Excellent	D-Severe Effect	N/A
Arsenic Acid	A-Excellent	A-Excellent	D-Severe Effect	A-Excellent	N/A
Arsenic Salts	N/A	N/A	N/A	N/A	N/A
Asphalt	B-Good	A-Excellent	A-Excellent	D-Severe Effect	N/A
Barium Carbonate	B-Good	B-Good	D-Severe Effect	N/A	N/A
Barium Chloride	A-Excellent	A-Excellent	D-Severe Effect	A-Excellent	N/A
Barium Cyanide	A-Excellent	A-Excellent	C-Fair	N/A	N/A
Barium Hydroxide	B-Good	B-Good	D-Severe Effect	A-Excellent	C-Fair

Barium Nitrate	B-Good	B-Good	B-Good	B-Good	B-Good
Barium Sulfate	B-Good	B-Good	B-Good	A-Excellent	B-Good
Barium Sulfide	B-Good	B-Good	D-Severe Effect	A-Excellent	N/A
Beer	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Beet Sugar Liquids	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Benzaldehyde	B-Good	B-Good	B-Good	D-Severe Effect	N/A
Benzene	B-Good	B-Good	B-Good	D-Severe Effect	C-Fair
Benzene Sulfonic Acid	B-Good	B-Good	D-Severe Effect	N/A	N/A
Benzoic Acid	B-Good	B-Good	B-Good	A-Excellent	N/A
Benzol	A-Excellent	A-Excellent	B-Good	D-Severe Effect	N/A
Benzyl Chloride	C-Fair	B-Good	D-Severe Effect	N/A	N/A
Bleaching Liquors	N/A	N/A	N/A	N/A	N/A
Borax (Sodium Borate)	A-Excellent	A-Excellent	B-Good	A-Excellent	B-Good
Boric Acid	B-Good	A-Excellent	D-Severe Effect	A-Excellent	D-Severe Effect
Brewery Slop	N/A	A-Excellent	N/A	N/A	N/A
Butadiene	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Butane	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Butanol (Butyl Alcohol)	A-Excellent	A-Excellent	B-Good	B-Good	N/A
Buttermilk	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Butyl Amine	N/A	A-Excellent	A-Excellent	N/A	N/A
Butyl Ether	N/A	A-Excellent	A-Excellent	N/A	N/A
Butyl Phthalate	B-Good	B-Good	B-Good	N/A	N/A
Butylacetate	B-Good	A-Excellent	A-Excellent	D-Severe Effect	N/A
Butylene	A-Excellent	A-Excellent	A-Excellent	B-Good	A-Excellent
Butyric Acid	B-Good	B-Good	B-Good	B-Good	N/A
Calcium Bisulfate	B-Good	A-Excellent	N/A	A-Excellent	N/A
Calcium Bisulfide	B-Good	B-Good	C-Fair	A-Excellent	N/A
Calcium Bisulfite	B-Good	A-Excellent	D-Severe Effect	A-Excellent	N/A
Calcium Carbonate	A-Excellent	B-Good	D-Severe Effect	A-Excellent	N/A

Calcium Chlorate	B-Good	B-Good	N/A	A-Excellent	B-Good
Calcium Chloride	B-Good	B-Good	D-Severe Effect	A-Excellent	C-Fair
Calcium Hydroxide	B-Good	B-Good	C-Fair	A-Excellent	C-Fair
Calcium Hypochlorite	C-Fair	B-Good	D-Severe Effect	A-Excellent	D-Severe Effect
Calcium Nitrate	C-Fair	B-Good	B-Good	N/A	N/A
Calcium Oxide	A-Excellent	A-Excellent	C-Fair	N/A	N/A
Calcium Sulfate	B-Good	B-Good	C-Fair	A-Excellent	D-Severe Effect
Calgon	A-Excellent	A-Excellent	N/A	N/A	N/A
Cane Juice	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
Carbolic Acid (Phenol)	B-Good	B-Good	A-Excellent	B-Good	D-Severe Effect
Carbon Bisulfide	A-Excellent	B-Good	B-Good	D-Severe Effect	N/A
Carbon Dioxide (dry)	A-Excellent	A-Excellent	B-Good	N/A	N/A
Carbon Dioxide (wet)	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Carbon Disulfide	A-Excellent	B-Good	A-Excellent	D-Severe Effect	N/A
Carbon Monoxide	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Carbon Tetrachloride	B-Good	B-Good	D-Severe Effect	D-Severe Effect	N/A
Carbon Tetrachloride (dry)	B-Good	B-Good	D-Severe Effect	C-Fair	N/A
Carbon Tetrachloride (wet)	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Carbonated Water	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Carbonic Acid	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
Catsup	A-Excellent	A-Excellent	D-Severe Effect	A-Excellent	N/A
Chloric Acid	D-Severe Effect	C-Fair	D-Severe Effect	D-Severe Effect	D-Severe Effect
Chlorinated Glue	N/A	A-Excellent	N/A	N/A	N/A
Chlorine (dry)	A-Excellent	A-Excellent	C-Fair	D-Severe Effect	N/A
Chlorine Water	C-Fair	C-Fair	D-Severe Effect	C-Fair	N/A
Chlorine, Anhydrous Liquid	C-Fair	C-Fair	D-Severe Effect	N/A	N/A
Chloroacetic Acid	B-Good	A-Excellent	D-Severe Effect	N/A	N/A

Chlorobenzene (Mono)	A-Excellent	B-Good	A-Excellent	D-Severe Effect	N/A
Chlorobromomethane	N/A	N/A	N/A	N/A	N/A
Chloroform	A-Excellent	A-Excellent	B-Good	D-Severe Effect	N/A
Chlorosulfonic Acid	D-Severe Effect	B-Good	C-Fair	C-Fair	N/A
Chocolate Syrup	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Chromic Acid 10%	B-Good	B-Good	D-Severe Effect	A-Excellent	N/A
Chromic Acid 30%	B-Good	B-Good	D-Severe Effect	A-Excellent	N/A
Chromic Acid 5%	B-Good	A-Excellent	C-Fair	A-Excellent	N/A
Chromic Acid 50%	C-Fair	B-Good	D-Severe Effect	B-Good	N/A
Chromium Salts	N/A	N/A	N/A	N/A	N/A
Cider	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
Citric Acid	B-Good	A-Excellent	C-Fair	A-Excellent	N/A
Citric Oils	A-Excellent	A-Excellent	C-Fair	N/A	N/A
Cloroxr (Bleach)	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Coffee	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Copper Chloride	D-Severe Effect	D-Severe Effect	N/A	A-Excellent	N/A
Copper Cyanide	B-Good	B-Good	D-Severe Effect	A-Excellent	N/A
Copper Fluoborate	D-Severe Effect	D-Severe Effect	N/A	A-Excellent	N/A
Copper Nitrate	A-Excellent	A-Excellent	D-Severe Effect	A-Excellent	N/A
Copper Sulfate >5%	B-Good	B-Good	D-Severe Effect	A-Excellent	D-Severe Effect
Copper Sulfate 5%	B-Good	B-Good	D-Severe Effect	A-Excellent	C-Fair
Cream	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Cresols	A-Excellent	A-Excellent	A-Excellent	C-Fair	N/A
Cresylic Acid	A-Excellent	A-Excellent	B-Good	B-Good	N/A
Cupric Acid	D-Severe Effect	B-Good	D-Severe Effect	N/A	N/A
Cyanic Acid	A-Excellent	A-Excellent	N/A	N/A	N/A
Cyclohexane	A-Excellent	A-Excellent	A-Excellent	B-Good	A-Excellent
Cyclohexanone	A-Excellent	A-Excellent	A-Excellent	N/A	B-Good

Detergents	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
Diacetone Alcohol	B-Good	B-Good	A-Excellent	N/A	N/A
Dichlorobenzene	N/A	B-Good	B-Good	N/A	N/A
Dichloroethane	B-Good	B-Good	B-Good	D-Severe Effect	N/A
Diesel Fuel	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Diethyl Ether	B-Good	B-Good	B-Good	A-Excellent	N/A
Diethylamine	A-Excellent	A-Excellent	B-Good	N/A	N/A
Diethylene Glycol	A-Excellent	A-Excellent	B-Good	B-Good	N/A
Dimethyl Aniline	B-Good	B-Good	A-Excellent	N/A	N/A
Dimethyl Formamide	A-Excellent	B-Good	A-Excellent	N/A	N/A
Diphenyl	B-Good	B-Good	B-Good	N/A	N/A
Diphenyl Oxide	B-Good	A-Excellent	B-Good	N/A	N/A
Dyes	A-Excellent	A-Excellent	B-Good	N/A	N/A
Epsom Salts (Magnesium Sulfate)	A-Excellent	B-Good	B-Good	A-Excellent	N/A
Ethane	A-Excellent	A-Excellent	N/A	N/A	N/A
Ethanol	A-Excellent	A-Excellent	B-Good	N/A	A-Excellent
Ethanolamine	A-Excellent	A-Excellent	B-Good	N/A	N/A
Ether	A-Excellent	A-Excellent	B-Good	D-Severe Effect	B-Good
Ethyl Acetate	B-Good	B-Good	A-Excellent	D-Severe Effect	N/A
Ethyl Benzoate	N/A	N/A	N/A	D-Severe Effect	N/A
Ethyl Chloride	A-Excellent	A-Excellent	B-Good	D-Severe Effect	N/A
Ethyl Ether	B-Good	B-Good	B-Good	N/A	A-Excellent
Ethyl Sulfate	D-Severe Effect	D-Severe Effect	N/A	N/A	N/A
Ethylene Bromide	A-Excellent	A-Excellent	B-Good	N/A	N/A
Ethylene Chloride	B-Good	B-Good	B-Good	D-Severe Effect	N/A
Ethylene Chlorohydrin	B-Good	B-Good	B-Good	N/A	N/A
Ethylene Diamine	B-Good	B-Good	B-Good	N/A	N/A
Ethylene Dichloride	B-Good	B-Good	A-Excellent	D-Severe Effect	N/A
Ethylene Glycol	B-Good	B-Good	A-Excellent	B-Good	A-Excellent
Ethylene Oxide	B-Good	B-Good	D-Severe Effect	D-Severe Effect	N/A
Fatty Acids	B-Good	A-Excellent	A-Excellent	A-Excellent	N/A

Ferric Chloride	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	N/A
Ferric Nitrate	B-Good	B-Good	D-Severe Effect	A-Excellent	N/A
Ferric Sulfate	B-Good	A-Excellent	D-Severe Effect	A-Excellent	N/A
Ferrous Chloride	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	N/A
Ferrous Sulfate	B-Good	B-Good	B-Good	A-Excellent	N/A
Fluoboric Acid	B-Good	B-Good	D-Severe Effect	A-Excellent	N/A
Fluorine	B-Good	A-Excellent	A-Excellent	C-Fair	A-Excellent
Fluosilicic Acid	C-Fair	B-Good	D-Severe Effect	A-Excellent	N/A
Formaldehyde 100%	B-Good	A-Excellent	A-Excellent	D-Severe Effect	N/A
Formaldehyde 40%	A-Excellent	A-Excellent	B-Good	B-Good	N/A
Formic Acid	B-Good	A-Excellent	A-Excellent	D-Severe Effect	N/A
Freon 113	N/A	N/A	N/A	C-Fair	N/A
Freon 12	B-Good	B-Good	B-Good	B-Good	N/A
Freon 22	A-Excellent	A-Excellent	D-Severe Effect	D-Severe Effect	N/A
Freon TF	A-Excellent	A-Excellent	D-Severe Effect	B-Good	N/A
Freonr 11	A-Excellent	A-Excellent	D-Severe Effect	B-Good	N/A
Fruit Juice	A-Excellent	A-Excellent	A-Excellent	A-Excellent	D-Severe Effect
Fuel Oils	A-Excellent	A-Excellent	C-Fair	A-Excellent	A-Excellent
Furan Resin	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Furfural	A-Excellent	B-Good	A-Excellent	C-Fair	N/A
Gallic Acid	A-Excellent	B-Good	D-Severe Effect	A-Excellent	N/A
Gasoline (high-aromatic)	A-Excellent	A-Excellent	D-Severe Effect	C-Fair	A-Excellent
Gasoline, leaded, ref.	A-Excellent	A-Excellent	A-Excellent	C-Fair	A-Excellent
Gasoline, unleaded	A-Excellent	A-Excellent	A-Excellent	C-Fair	A-Excellent
Gelatin	A-Excellent	A-Excellent	A-Excellent	A-Excellent	A-Excellent
Glucose	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Glue, P.V.A.	A-Excellent	A-Excellent	A-Excellent	A-Excellent	A-Excellent

Glycerin	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Glycolic Acid	A-Excellent	A-Excellent	N/A	N/A	N/A
Gold Monocyanide	A-Excellent	A-Excellent	N/A	N/A	N/A
Grape Juice	A-Excellent	A-Excellent	N/A	A-Excellent	C-Fair
Grease	A-Excellent	A-Excellent	N/A	A-Excellent	A-Excellent
Heptane	A-Excellent	A-Excellent	A-Excellent	C-Fair	A-Excellent
Hexane	A-Excellent	A-Excellent	A-Excellent	C-Fair	A-Excellent
Honey	A-Excellent	A-Excellent	A-Excellent	A-Excellent	A-Excellent
Hydraulic Oil (Petro)	A-Excellent	A-Excellent	A-Excellent	N/A	A-Excellent
Hydraulic Oil (Synthetic)	A-Excellent	A-Excellent	A-Excellent	N/A	A-Excellent
Hydrazine	A-Excellent	A-Excellent	N/A	N/A	N/A
Hydrobromic Acid 100%	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	D-Severe Effect
Hydrobromic Acid 20%	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	D-Severe Effect
Hydrochloric Acid 100%	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	D-Severe Effect
Hydrochloric Acid 20%	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	D-Severe Effect
Hydrochloric Acid 37%	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	D-Severe Effect
Hydrochloric Acid, Dry Gas	D-Severe Effect	C-Fair	C-Fair	A-Excellent	D-Severe Effect
Hydrocyanic Acid	B-Good	A-Excellent	A-Excellent	A-Excellent	D-Severe Effect
Hydrocyanic Acid (Gas 10%)	N/A	N/A	N/A	A-Excellent	N/A
Hydrofluoric Acid 100%	B-Good	B-Good	D-Severe Effect	C-Fair	D-Severe Effect
Hydrofluoric Acid 20%	D-Severe Effect	D-Severe Effect	D-Severe Effect	D-Severe Effect	D-Severe Effect
Hydrofluoric Acid 50%	D-Severe Effect	D-Severe Effect	D-Severe Effect	N/A	D-Severe Effect
Hydrofluoric Acid 75%	D-Severe Effect	D-Severe Effect	D-Severe Effect	C-Fair	D-Severe Effect
Hydrofluosilicic Acid 100%	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	D-Severe Effect
Hydrofluosilicic Acid 20%	C-Fair	B-Good	D-Severe Effect	D-Severe Effect	D-Severe Effect
Hydrogen Gas	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Hydrogen Peroxide 10%	B-Good	B-Good	A-Excellent	A-Excellent	N/A

Hydrogen Peroxide 100%	B-Good	A-Excellent	A-Excellent	A-Excellent	N/A
Hydrogen Peroxide 30%	B-Good	B-Good	A-Excellent	A-Excellent	N/A
Hydrogen Peroxide 50%	B-Good	A-Excellent	A-Excellent	A-Excellent	N/A
Hydrogen Sulfide (aqua)	C-Fair	A-Excellent	B-Good	A-Excellent	N/A
Hydrogen Sulfide (dry)	C-Fair	A-Excellent	B-Good	A-Excellent	N/A
Hydroquinone	B-Good	B-Good	B-Good	N/A	N/A
Hydroxyacetic Acid 70%	N/A	N/A	N/A	A-Excellent	N/A
Ink	C-Fair	C-Fair	N/A	N/A	N/A
Iodine	D-Severe Effect	D-Severe Effect	A-Excellent	N/A	D-Severe Effect
Iodine (in alcohol)	N/A	N/A	B-Good	D-Severe Effect	N/A
Iodoform	A-Excellent	A-Excellent	N/A	N/A	N/A
Isooctane	A-Excellent	A-Excellent	A-Excellent	C	N/A
Isopropyl Acetate	C-Fair	A-Excellent	D-Severe Effect	D-Severe Effect	D-Severe Effect
Isopropyl Ether	A-Excellent	A-Excellent	A-Excellent	N/A	D-Severe Effect
Isotane	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Jet Fuel (JP3, JP4, JP5)	A-Excellent	A-Excellent	A-Excellent	C-Fair	N/A
Kerosene	A-Excellent	A-Excellent	A-Excellent	C-Fair	B-Good
Ketones	A-Excellent	A-Excellent	B-Good	D-Severe Effect	B-Good
Lacquer Thinners	A-Excellent	A-Excellent	A-Excellent	C-Fair	N/A
Lacquers	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Lactic Acid	B-Good	B-Good	B-Good	A-Excellent	N/A
Lard	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Latex	A-Excellent	A-Excellent	A-Excellent	N/A	A-Excellent
Lead Acetate	B-Good	B-Good	D-Severe Effect	A-Excellent	N/A
Lead Nitrate	B-Good	B-Good	D-Severe Effect	N/A	D-Severe Effect
Lead Sulfamate	C-Fair	C-Fair	C-Fair	N/A	N/A
Ligroin	N/A	A-Excellent	D-Severe Effect	N/A	N/A

Lime	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Linoleic Acid	B-Good	A-Excellent	A-Excellent	N/A	N/A
Lithium Chloride	A-Excellent	A-Excellent	D-Severe Effect	N/A	D-Severe Effect
Lithium Hydroxide	B-Good	B-Good	D-Severe Effect	N/A	D-Severe Effect
Lubricants	A-Excellent	A-Excellent	A-Excellent	A-Excellent	A-Excellent
Lye: Ca(OH) ₂ Calcium Hydroxide	B-Good	B-Good	C-Fair	N/A	N/A
Lye: KOH Potassium Hydroxide	B-Good	A-Excellent	D-Severe Effect	N/A	N/A
Lye: NaOH Sodium Hydroxide	B-Good	B-Good	D-Severe Effect	N/A	N/A
Magnesium Bisulfate	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Magnesium Carbonate	B-Good	B-Good	A-Excellent	A-Excellent	B-Good
Magnesium Chloride	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	D-Severe Effect
Magnesium Hydroxide	B-Good	A-Excellent	C-Fair	A-Excellent	B-Good
Magnesium Nitrate	B-Good	B-Good	B-Good	A-Excellent	N/A
Magnesium Oxide	A-Excellent	A-Excellent	B-Good	N/A	B-Good
Magnesium Sulfate (Epsom Salts)	A-Excellent	B-Good	B-Good	A-Excellent	N/A
Maleic Acid	A-Excellent	B-Good	B-Good	A-Excellent	N/A
Maleic Anhydride	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Malic Acid	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
Manganese Sulfate	B-Good	B-Good	B-Good	N/A	C-Fair
Mash	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Mayonnaise	C-Fair	A-Excellent	A-Excellent	N/A	N/A
Melamine	N/A	D-Severe Effect	N/A	N/A	N/A
Mercuric Chloride (dilute)	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	D-Severe Effect
Mercuric Cyanide	C-Fair	C-Fair	D-Severe Effect	A-Excellent	N/A
Mercurous Nitrate	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Mercury	A-Excellent	A-Excellent	D-Severe Effect	N/A	D-Severe Effect

Methane	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Methanol (Methyl Alcohol)	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Methyl Acetate	A-Excellent	B-Good	A-Excellent	D-Severe Effect	N/A
Methyl Acetone	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Methyl Acrylate	A-Excellent	N/A	N/A	N/A	N/A
Methyl Alcohol 10%	A-Excellent	A-Excellent	A-Excellent	C-Fair	N/A
Methyl Bromide	A-Excellent	A-Excellent	D-Severe Effect	D-Severe Effect	N/A
Methyl Butyl Ketone	A-Excellent	A-Excellent	N/A	N/A	N/A
Methyl Cellosolve	B-Good	B-Good	B-Good	N/A	N/A
Methyl Chloride	A-Excellent	A-Excellent	D-Severe Effect	D-Severe Effect	D-Severe Effect
Methyl Dichloride	N/A	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	A-Excellent	A-Excellent	B-Good	D-Severe Effect	N/A
Methyl Ethyl Ketone Peroxide	N/A	N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	B-Good	B-Good	B-Good	D-Severe Effect	B-Good
Methyl Isopropyl Ketone	A-Excellent	A-Excellent	A-Excellent	N/A	B-Good
Methyl Methacrylate	B-Good	B-Good	N/A	N/A	N/A
Methylamine	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Methylene Chloride	B-Good	B-Good	C-Fair	D-Severe Effect	B-Good
Milk	A-Excellent	A-Excellent	A-Excellent	A-Excellent	A-Excellent
Mineral Spirits	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Molasses	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Monochloroacetic acid	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Monoethanolamine	A-Excellent	A-Excellent	B-Good	N/A	N/A
Morpholine	N/A	A-Excellent	A-Excellent	N/A	N/A
Motor oil	A-Excellent	A-Excellent	A-Excellent	N/A	A-Excellent
Mustard	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
Naphtha	A-Excellent	A-Excellent	A-Excellent	C-Fair	N/A

Naphthalene	A-Excellent	A-Excellent	B-Good	D-Severe Effect	N/A
Natural Gas	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Nickel Chloride	D-Severe Effect	C-Fair	D-Severe Effect	N/A	N/A
Nickel Nitrate	B-Good	B-Good	D-Severe Effect	N/A	N/A
Nickel Sulfate	B-Good	B-Good	D-Severe Effect	N/A	B-Good
Nitrating Acid (<15% HNO3)	C-Fair	C-Fair	D-Severe Effect	N/A	D-Severe Effect
Nitrating Acid (>15% H2SO4)	C-Fair	C-Fair	D-Severe Effect	N/A	D-Severe Effect
Nitrating Acid (S1% Acid)	C-Fair	A-Excellent	D-Severe Effect	N/A	N/A
Nitrating Acid (S15% H2SO4)	C-Fair	C-Fair	D-Severe Effect	N/A	D-Severe Effect
Nitric Acid (20%)	A-Excellent	A-Excellent	D-Severe Effect	B-Good	D-Severe Effect
Nitric Acid (50%)	A-Excellent	A-Excellent	B-Good	B-Good	D-Severe Effect
Nitric Acid (5-10%)	A-Excellent	A-Excellent	A-Excellent	B-Good	D-Severe Effect
Nitric Acid (Concentrated)	A-Excellent	A-Excellent	D-Severe Effect	B-Good	D-Severe Effect
Nitrobenzene	B-Good	B-Good	B-Good	D-Severe Effect	N/A
Nitrogen Fertilizer	N/A	N/A	N/A	N/A	N/A
Nitromethane	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Nitrous Acid	B-Good	B-Good	D-Severe Effect	N/A	N/A
Nitrous Oxide	B-Good	B-Good	B-Good	N/A	N/A
Oils:Aniline	A-Excellent	A-Excellent	D-Severe Effect	D-Severe Effect	N/A
Oils:Anise	N/A	A-Excellent	N/A	N/A	N/A
Oils:Bay	N/A	A-Excellent	N/A	N/A	N/A
Oils:Bone	N/A	A-Excellent	N/A	N/A	N/A
Oils:Castor	A-Excellent	A-Excellent	A-Excellent	A-Excellent	A-Excellent
Oils:Cinnamon	A-Excellent	A-Excellent	N/A	N/A	N/A
Oils:Citric	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Oils:Clove	A-Excellent	A-Excellent	B-Good	N/A	N/A
Oils:Coconut	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Oils:Cod Liver	A-Excellent	A-Excellent	A-Excellent	N/A	N/A

Oils: Corn	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Oils: Cottonseed	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Oils: Creosote	B-Good	B-Good	B-Good	N/A	N/A
Oils: Diesel Fuel (20, 30, 40, 50)	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Oils: Fuel (1, 2, 3, 5A, 5B, 6)	A-Excellent	A-Excellent	C-Fair	A-Excellent	N/A
Oils: Ginger	D-Severe Effect	D-Severe Effect	N/A	N/A	N/A
Oils: Hydraulic Oil (Petro)	A-Excellent	A-Excellent	A-Excellent	N/A	A-Excellent
Oils: Hydraulic Oil (Synthetic)	A-Excellent	A-Excellent	A-Excellent	N/A	A-Excellent
Oils: Lemon	A-Excellent	A-Excellent	A-Excellent	N/A	A-Excellent
Oils: Linseed	A-Excellent	A-Excellent	B-Good	N/A	A-Excellent
Oils: Mineral	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Oils: Olive	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Oils: Orange	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Oils: Palm	A-Excellent	A-Excellent	N/A	A-Excellent	A-Excellent
Oils: Peanut	A-Excellent	A-Excellent	A-Excellent	A-Excellent	A-Excellent
Oils: Peppermint	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Oils: Pine	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Oils: Rapeseed	A-Excellent	A-Excellent	N/A	A-Excellent	N/A
Oils: Rosin	A-Excellent	A-Excellent	B-Good	N/A	N/A
Oils: Sesame Seed	A-Excellent	A-Excellent	N/A	A-Excellent	A-Excellent
Oils: Silicone	A-Excellent	A-Excellent	A-Excellent	N/A	A-Excellent
Oils: Soybean	A-Excellent	A-Excellent	A-Excellent	A-Excellent	A-Excellent
Oils: Sperm (whale)	A-Excellent	A-Excellent	N/A	A-Excellent	A-Excellent
Oils: Tanning	A-Excellent	A-Excellent	N/A	N/A	A-Excellent
Oils: Transformer	A-Excellent	A-Excellent	A-Excellent	N/A	A-Excellent
Oils: Turbine	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Oleic Acid	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Oleum 100%	A-Excellent	A-Excellent	B-Good	D-Severe Effect	N/A

Oleum 25%	B-Good	B-Good	B-Good	N/A	N/A
Oxalic Acid (cold)	B-Good	A-Excellent	A-Excellent	A-Excellent	N/A
Ozone	B-Good	A-Excellent	B-Good	N/A	N/A
Palmitic Acid	B-Good	A-Excellent	B-Good	N/A	N/A
Paraffin	A-Excellent	A-Excellent	A-Excellent	A-Excellent	A-Excellent
Pentane	C-Fair	C-Fair	B-Good	C-Fair	A-Excellent
Perchloric Acid	C-Fair	C-Fair	D-Severe Effect	N/A	C-Fair
Perchloroethylene	B-Good	A-Excellent	C-Fair	D-Severe Effect	N/A
Petrolatum	A-Excellent	A-Excellent	N/A	N/A	N/A
Petroleum	A-Excellent	A-Excellent	D-Severe Effect	C-Fair	N/A
Phenol (10%)	B-Good	B-Good	A-Excellent	A-Excellent	N/A
Phenol (Carbolic Acid)	B-Good	B-Good	A-Excellent	B-Good	N/A
Phosphoric Acid (>40%)	D-Severe Effect	D-Severe Effect	C-Fair	N/A	N/A
Phosphoric Acid (crude)	D-Severe Effect	B-Good	C-Fair	A-Excellent	N/A
Phosphoric Acid (molten)	N/A	N/A	N/A	N/A	N/A
Phosphoric Acid (S40%)	D-Severe Effect	C-Fair	C-Fair	D-Severe Effect	N/A
Phosphoric Acid Anhydride	N/A	N/A	C-Fair	D-Severe Effect	N/A
Phosphorus	A-Excellent	A-Excellent	B-Good	N/A	N/A
Phosphorus Trichloride	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Photographic Developer	A-Excellent	A-Excellent	N/A	N/A	N/A
Photographic Solutions	D-Severe Effect	N/A	N/A	N/A	N/A
Phthalic Acid	B-Good	A-Excellent	B-Good	N/A	N/A
Phthalic Anhydride	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Picric Acid	B-Good	B-Good	C-Fair	N/A	N/A
Plating Solutions, Antimony Plating 130°F	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Plating Solutions, Arsenic Plating 110°F	A-Excellent	A-Excellent	A-Excellent	N/A	N/A

Plating Solutions, Brass Plating: High-Speed Brass Bath 110°F	N/A	A-Excellent	A-Excellent	N/A	N/A
Plating Solutions, Brass Plating: Regular Brass Bath 100°F	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Plating Solutions, Bronze Plating: Cu-Cd Bronze Bath R.T.	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Plating Solutions, Bronze Plating: Cu-Sn Bronze Bath 160°F	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Plating Solutions, Bronze Plating: Cu-Zn Bronze Bath 100°F	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Plating Solutions, Cadmium Plating: Cyanide Bath 90°F	N/A	A-Excellent	A-Excellent	N/A	N/A
Plating Solutions, Cadmium Plating: Fluoborate Bath 100°F	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Plating Solutions, Chromium Plating: Barrel Chrome Bath 95°F	N/A	C-Fair	A-Excellent	N/A	N/A
Plating Solutions, Chromium Plating: Black Chrome Bath 115°F	N/A	C-Fair	A-Excellent	N/A	N/A
Plating Solutions, Chromium Plating: Chromic-Sulfuric Bath 130°F	N/A	C-Fair	A-Excellent	N/A	N/A

Plating Solutions, Chromium Plating: Fluoride Bath 130°F	N/A	C-Fair	A-Excellent	N/A	N/A
Plating Solutions, Chromium Plating: Fluosilicate Bath 95°F	N/A	C-Fair	A-Excellent	N/A	N/A
Plating Solutions, Copper Plating (Acid): Copper Fluoborate Bath 120°F	A-Excellent	D-Severe Effect	A-Excellent	N/A	N/A
Plating Solutions, Copper Plating (Acid): Copper Sulfate Bath R.T.	N/A	D-Severe Effect	A-Excellent	N/A	N/A
Plating Solutions, Copper Plating (Cyanide): Copper Strike Bath 120°F	N/A	A-Excellent	N/A	N/A	N/A
Plating Solutions, Copper Plating (Cyanide): High-Speed Bath 180°F	N/A	A-Excellent	A-Excellent	N/A	N/A
Plating Solutions, Copper Plating (Cyanide): Rochelle Salt Bath 150°F	N/A	A-Excellent	A-Excellent	N/A	N/A
Plating Solutions, Copper Plating (Misc): Copper (Electroless)	N/A	N/A	A-Excellent	N/A	N/A
Plating Solutions, Copper Plating (Misc): Copper Pyrophosphate	N/A	A-Excellent	A-Excellent	N/A	N/A
Plating Solutions, Gold Plating: Acid	N/A	C-Fair	N/A	N/A	N/A

75°F					
Plating Solutions, Gold Plating: Cyanide 150°F	N/A	A-Excellent	N/A	N/A	N/A
Plating Solutions, Gold Plating: Neutral 75°F	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Indium Sulfamate Plating R.T.	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Iron Plating: Ferrous Am Sulfate Bath 150°F	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Iron Plating: Ferrous Chloride Bath 190°F	N/A	D-Severe Effect	N/A	N/A	N/A
Plating Solutions, Iron Plating: Ferrous Sulfate Bath 150°F	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Iron Plating: Fluoborate Bath 145°F	N/A	D-Severe Effect	N/A	N/A	N/A
Plating Solutions, Iron Plating: Sulfamate 140°F	N/A	D-Severe Effect	N/A	N/A	N/A
Plating Solutions, Iron Plating: Sulfate-Chloride Bath 160°F	N/A	D-Severe Effect	N/A	N/A	N/A
Plating Solutions, Lead Fluoborate Plating	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Nickel Plating: Electroless 200°F	N/A	N/A	N/A	N/A	N/A
Plating Solutions, Nickel	N/A	C-Fair	N/A	N/A	N/A

Plating: Fluoborate 100-170°F					
Plating Solutions, Nickel Plating: High-Chloride 130-160°F	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Nickel Plating: Sulfamate 100-140°F	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Nickel Plating: Watts Type 115-160°F	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Rhodium Plating 120°F	N/A	D-Severe Effect	N/A	N/A	N/A
Plating Solutions, Silver Plating 80-120°F	N/A	A-Excellent	N/A	N/A	N/A
Plating Solutions, Tin-Fluoborate Plating 100°F	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Tin-Lead Plating 100°F	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Zinc Plating: Acid Chloride 140°F	N/A	D-Severe Effect	N/A	N/A	N/A
Plating Solutions, Zinc Plating: Acid Fluoborate Bath R.T.	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Zinc Plating: Acid Sulfate Bath 150°F	N/A	C-Fair	N/A	N/A	N/A
Plating Solutions, Zinc Plating: Alkaline Cyanide Bath R.T.	N/A	A-Excellent	N/A	N/A	N/A
Potash (Potassium Carbonate)	B-Good	B-Good	D-Severe Effect	A-Excellent	D-Severe Effect
Potassium	B-Good	B-Good	D-Severe	A-Excellent	B-Good

Bicarbonate			Effect		
Potassium Bromide	B-Good	B-Good	C-Fair	A-Excellent	N/A
Potassium Chlorate	B-Good	B-Good	B-Good	A-Excellent	N/A
Potassium Chloride	B-Good	A-Excellent	D-Severe Effect	A-Excellent	D-Severe Effect
Potassium Chromate	B-Good	B-Good	B-Good	A-Excellent	N/A
Potassium Cyanide Solutions	B-Good	B-Good	D-Severe Effect	A-Excellent	N/A
Potassium Dichromate	B-Good	B-Good	B-Good	A-Excellent	B-Good
Potassium Ferricyanide	B-Good	B-Good	B-Good	A-Excellent	N/A
Potassium Ferrocyanide	B-Good	B-Good	B-Good	A-Excellent	N/A
Potassium Hydroxide (Caustic Potash)	B-Good	A-Excellent	D-Severe Effect	A-Excellent	N/A
Potassium Hypochlorite	C-Fair	B-Good	D-Severe Effect	N/A	N/A
Potassium Iodide	A-Excellent	A-Excellent	B-Good	N/A	N/A
Potassium Nitrate	B-Good	B-Good	B-Good	A-Excellent	B-Good
Potassium Oxalate	B-Good	B-Good	B-Good	N/A	N/A
Potassium Permanganate	B-Good	B-Good	B-Good	A-Excellent	N/A
Potassium Sulfate	B-Good	A-Excellent	C-Fair	A-Excellent	C-Fair
Potassium Sulfide	B-Good	B-Good	D-Severe Effect	A-Excellent	D-Severe Effect
Propane (liquefied)	A-Excellent	A-Excellent	A-Excellent	D-Severe Effect	N/A
Propylene	B-Good	A-Excellent	A-Excellent	N/A	N/A
Propylene Glycol	B-Good	B-Good	B-Good	N/A	N/A
Pyridine	A-Excellent	A-Excellent	B-Good	N/A	N/A
Pyrogalllic Acid	B-Good	B-Good	B-Good	A-Excellent	N/A
Resorcinal	N/A	N/A	N/A	N/A	N/A
Rosins	A-Excellent	A-Excellent	B-Good	N/A	N/A
Rum	A-Excellent	A-Excellent	N/A	A-Excellent	N/A
Rust Inhibitors	A-Excellent	A-Excellent	N/A	N/A	N/A
Salad Dressings	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
Salicylic Acid	B-Good	B-Good	B-Good	N/A	N/A
Salt Brine (NaCl saturated)	B-Good	A-Excellent	B-Good	N/A	N/A
Sea Water	C-Fair	C-Fair	B-Good	A-Excellent	N/A

Shellac (Bleached)	A-Excellent	A-Excellent	A-Excellent	N/A	A-Excellent
Shellac (Orange)	A-Excellent	A-Excellent	A-Excellent	N/A	A-Excellent
Silicone	A-Excellent	A-Excellent	A-Excellent	N/A	B-Good
Silver Bromide	D-Severe Effect	D-Severe Effect	D-Severe Effect	N/A	D-Severe Effect
Silver Nitrate	B-Good	B-Good	D-Severe Effect	A-Excellent	D-Severe Effect
Soap Solutions	A-Excellent	A-Excellent	C-Fair	B-Good	B-Good
Soda Ash (see Sodium Carbonate)	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Sodium Acetate	B-Good	B-Good	B-Good	N/A	B-Good
Sodium Aluminate	A-Excellent	A-Excellent	N/A	N/A	N/A
Sodium Benzoate	N/A	N/A	A-Excellent	N/A	B-Good
Sodium Bicarbonate	A-Excellent	A-Excellent	D-Severe Effect	A-Excellent	D-Severe Effect
Sodium Bisulfate	D-Severe Effect	C-Fair	D-Severe Effect	A-Excellent	D-Severe Effect
Sodium Bisulfite	B-Good	B-Good	D-Severe Effect	N/A	D-Severe Effect
Sodium Borate (Borax)	B-Good	B-Good	C-Fair	C-Fair	B-Good
Sodium Bromide	C-Fair	C-Fair	D-Severe Effect	N/A	D-Severe Effect
Sodium Carbonate	A-Excellent	A-Excellent	D-Severe Effect	A-Excellent	B-Good
Sodium Chlorate	A-Excellent	B-Good	C-Fair	A-Excellent	B-Good
Sodium Chloride	B-Good	B-Good	C-Fair	A-Excellent	C-Fair
Sodium Chromate	B-Good	B-Good	B-Good	N/A	N/A
Sodium Cyanide	A-Excellent	B-Good	D-Severe Effect	A-Excellent	N/A
Sodium Ferrocyanide	B-Good	B-Good	A-Excellent	N/A	N/A
Sodium Fluoride	D-Severe Effect	D-Severe Effect	B-Good	D-Severe Effect	N/A
Sodium Hydrosulfite	N/A	N/A	A-Excellent	C-Fair	N/A
Sodium Hydroxide (20%)	B-Good	B-Good	D-Severe Effect	A-Excellent	D-Severe Effect
Sodium Hydroxide (50%)	B-Good	B-Good	D-Severe Effect	A-Excellent	D-Severe Effect
Sodium Hydroxide (80%)	C-Fair	B-Good	D-Severe Effect	A-Excellent	D-Severe Effect

Sodium Hypochlorite (<20%)	C-Fair	C-Fair	D-Severe Effect	A-Excellent	C-Fair
Sodium Hypochlorite (100%)	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	D-Severe Effect
Sodium Hyposulfate	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Sodium Metaphosphate	A-Excellent	A-Excellent	C-Fair	N/A	N/A
Sodium Metasilicate	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Sodium Nitrate	B-Good	B-Good	B-Good	A-Excellent	C-Fair
Sodium Perborate	B-Good	B-Good	C-Fair	N/A	B-Good
Sodium Peroxide	A-Excellent	A-Excellent	C-Fair	A-Excellent	N/A
Sodium Polyphosphate	B-Good	B-Good	D-Severe Effect	N/A	N/A
Sodium Silicate	A-Excellent	B-Good	A-Excellent	A-Excellent	N/A
Sodium Sulfate	B-Good	B-Good	A-Excellent	A-Excellent	B-Good
Sodium Sulfide	B-Good	D-Severe Effect	D-Severe Effect	A-Excellent	N/A
Sodium Sulfite	B-Good	A-Excellent	C-Fair	A-Excellent	D-Severe Effect
Sodium Tetraborate	A-Excellent	A-Excellent	C-Fair	A-Excellent	N/A
Sodium Thiosulfate (hypo)	A-Excellent	B-Good	A-Excellent	A-Excellent	N/A
Sorghum	A-Excellent	A-Excellent	N/A	N/A	N/A
Soy Sauce	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Stannic Chloride	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	N/A
Stannic Fluoborate	N/A	A-Excellent	N/A	N/A	N/A
Stannous Chloride	C-Fair	A-Excellent	D-Severe Effect	A-Excellent	N/A
Starch	A-Excellent	A-Excellent	A-Excellent	A-Excellent	A-Excellent
Stearic Acid	B-Good	A-Excellent	B-Good	A-Excellent	N/A
Stoddard Solvent	A-Excellent	A-Excellent	A-Excellent	D-Severe Effect	A-Excellent
Styrene	A-Excellent	A-Excellent	A-Excellent	D-Severe Effect	N/A
Sugar (Liquids)	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Sulfate (Liquors)	B-Good	B-Good	D-Severe Effect	N/A	N/A

Sulfur Chloride	D-Severe Effect	D-Severe Effect	D-Severe Effect	A-Excellent	N/A
Sulfur Dioxide	D-Severe Effect	A-Excellent	B-Good	D-Severe Effect	C-Fair
Sulfur Dioxide (dry)	D-Severe Effect	A-Excellent	B-Good	D-Severe Effect	B-Good
Sulfur Hexafluoride	N/A	N/A	N/A	N/A	N/A
Sulfur Trioxide	A-Excellent	C-Fair	A-Excellent	N/A	N/A
Sulfur Trioxide (dry)	D-Severe Effect	A-Excellent	A-Excellent	N/A	N/A
Sulfuric Acid (<10%)	D-Severe Effect	B-Good	D-Severe Effect	A-Excellent	N/A
Sulfuric Acid (10-75%)	D-Severe Effect	C-Fair	D-Severe Effect	A-Excellent	N/A
Sulfuric Acid (75-100%)	C-Fair	C-Fair	D-Severe Effect	D-Severe Effect	N/A
Sulfuric Acid (cold concentrated)	C-Fair	B-Good	B-Good	N/A	N/A
Sulfuric Acid (hot concentrated)	D-Severe Effect	C-Fair	D-Severe Effect	N/A	N/A
Sulfurous Acid	B-Good	B-Good	B-Good	B-Good	N/A
Sulfuryl Chloride	N/A	N/A	N/A	A-Excellent	N/A
Tallow	A-Excellent	A-Excellent	A-Excellent	N/A	B-Good
Tannic Acid	B-Good	A-Excellent	C-Fair	A-Excellent	N/A
Tanning Liquors	A-Excellent	A-Excellent	A-Excellent	A-Excellent	N/A
Tartaric Acid	C-Fair	C-Fair	B-Good	A-Excellent	N/A
Tetrachloroethane	B-Good	A-Excellent	C-Fair	D-Severe Effect	N/A
Tetrachloroethylene	N/A	A-Excellent	N/A	N/A	N/A
Tetrahydrofuran	A-Excellent	A-Excellent	N/A	D-Severe Effect	N/A
Tin Salts	N/A	D-Severe Effect	D-Severe Effect	N/A	N/A
Toluene (Toluol)	A-Excellent	A-Excellent	A-Excellent	D-Severe Effect	A-Excellent
Tomato Juice	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Trichloroacetic Acid	D-Severe Effect	C-Fair	D-Severe Effect	N/A	D-Severe Effect
Trichloroethane	B-Good	B-Good	D-Severe Effect	D-Severe Effect	D-Severe Effect
Trichloroethylene	B-Good	B-Good	D-Severe Effect	D-Severe Effect	D-Severe Effect
Trichloropropane	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A

Tricresylphosphate	B-Good	B-Good	D-Severe Effect	D-Severe Effect	N/A
Triethylamine	A-Excellent	A-Excellent	N/A	C-Fair	N/A
Trisodium Phosphate	B-Good	B-Good	D-Severe Effect	N/A	N/A
Turpentine	A-Excellent	A-Excellent	A-Excellent	C-Fair	C-Fair
Urea	B-Good	B-Good	B-Good	N/A	N/A
Uric Acid	B-Good	B-Good	D-Severe Effect	N/A	N/A
Urine	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
Varnish	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Vegetable Juice	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Vinegar	A-Excellent	A-Excellent	D-Severe Effect	A-Excellent	N/A
Vinyl Acetate	B-Good	B-Good	A-Excellent	N/A	N/A
Vinyl Chloride	B-Good	A-Excellent	B-Good	D-Severe Effect	N/A
Water, Acid, Mine	B-Good	B-Good	D-Severe Effect	A-Excellent	N/A
Water, Deionized	A-Excellent	A-Excellent	A-Excellent	N/A	N/A
Water, Distilled	A-Excellent	A-Excellent	A-Excellent	A-Excellent	B-Good
Water, Fresh	A-Excellent	A-Excellent	B-Good	A-Excellent	B-Good
Water, Salt	B-Good	B-Good	B-Good	A-Excellent	B-Good
Weed Killers	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Whey	A-Excellent	A-Excellent	B-Good	N/A	N/A
Whiskey & Wines	A-Excellent	A-Excellent	C-Fair	A-Excellent	N/A
White Liquor (Pulp Mill)	A-Excellent	A-Excellent	B-Good	A-Excellent	N/A
White Water (Paper Mill)	A-Excellent	A-Excellent	N/A	N/A	N/A
Xylene	B-Good	B-Good	A-Excellent	D-Severe Effect	B-Good
Zinc Chloride	B-Good	B-Good	D-Severe Effect	A-Excellent	D-Severe Effect
Zinc Hydrosulfite	A-Excellent	A-Excellent	D-Severe Effect	N/A	N/A
Zinc Sulfate	B-Good	A-Excellent	D-Severe Effect	C-Fair	B-Good

