

Chemical/Media	Brass	Carbon Steel	Ductile/Cast Iron	316 Stainless Steel	Nitrile	EPDM	Viton	PTEE(Teflon)
Ammonium Hydroxide 28%	D	C	C	B	B	B	A	A
Ammonium Hydroxide Concentrated	D	C	C	A	C	A	A	A
Ammonium Monosulfate				B				A
Ammonium Nitrate	D	D	D	A	A	A	A	A
Ammonium Oxalate 5%				A				A
Ammonium Persulfate	C			A	D	B	B	A
Ammonium Phosphate	D	D	D	B	C	A	A	A
Ammonium Phosphate Di-Basic	C	D	D	B	A		A	A
Ammonium Phosphate Tri-Basic	C	D	D	B	A		A	A
Ammonium Sulfate	C	C	D	B	B	A	B	A
Ammonium Sulfide	D	D	D	B	A	A	D	A
Ammonium Sulfite	C	C	C	A	B	B	A	A
Amyl Acetate	B	C	C	B	D	B	D	A
Amyl Chloride	B		B	A	D	D	D	A
Aniline	D	C	C	B	D	C	C	A
Aniline Dyes	C	C	C	A	C	C	B	A
Apple Juice	C	D	D	B	A	B	A	A
Aqua Regia (Strong Acid)	D	D	D	B	D	D	D	A
Aromatic Solvents	A	C	B	C	D	D		A
Arsenic Acid	D	D	D	B	A	B	A	A
Asfalt Emulsion	A	B	B	A	D	D	A	A
Asfalt Liquid	A	B	B	A	C	D	A	A
Barium Carbonate	B	B	B	B	B	A	A	A
Barium Chloride	B	C	C	B	A	A	A	A
Barium Cyanide	C		C	B	B	B	B	A
Barium Hydrate	D			A				A
Barium Hydroxide	C	C	B	B	A	B	A	A
Barium Nitrate				A				A
Barium Sulfate	C	C	C	A	A	B	A	A
Barium Sulfide	D	C	D	B	A	A	A	A
Beer	B	D	D	A	B	B	A	A
Beet Sugar Liquors	A	B	B	A	A	B	A	A
Benzaldehyde	A	A	C	A	D	A	D	A
Benzene (Benzol)	B	B	B	B	D	D	B	A
Benzoic Acid	B	D	D	B	C	D	B	A
Beryllium Sulfate	B		B	B	B	B	B	A
Bleaching Powder Wet	B			C	D	B	B	A
Blood (Meat Juices)	B		D	A	A	B	B	A
Borax (Sodium Borate)	D	C	C	A	A	A	A	A
Bourdeaux Mixture				A	A			A
Borax Liquors	A	C	C	B	A	A	A	A
Boric Acid	C	D	D	B	B	B	A	A
Brake Fluid	B		B	B	D	B	D	A
Breast Saliva (SS)	A	A	A	A	A	A	A	A
Brines, Saturated	B	D	C	B	A	A	A	A
Bromine, dry	B	D	D	D	D	D	B	A
Bunker Oils (fuel)	B	B	B	A	B		A	A
Butadiene	C	B	B	A	C	C	B	D
Butane	A	B	B	A	B	D	A	A
Butter				A	B			A

	Brass	Carbon Steel	Ductile/Cast Iron	316 Stainless Steel	Nitrile	EPDM	Viton	PTEE(Teflon)
Chemical/Media								
Buttermilk	D	D	D	A	A	B	A	A
Butyl Acetate	B		B	B	D	D	D	A
Butylene	A	A	A	A	D	D	D	A
Butyric Acid	C	D	D	B	C	C	C	A
Calcium Bisulfite	C	D	D	B	A	D	A	A
Calcium Carbonate	C	D	D	B	A	B	A	A
Calcium Chlorate	D		C	B	B	B	B	A
Calcium Chloride	B	C	C	B	A	B	A	A
Calcium Hydroxide	C	C	C	B	A	A	A	A
Calcium Nitrate				B	B	B		A
Calcium Phosphate	C		C	B	B	B	B	A
Calcium Sulfate	C		C	B	B	B	B	A
Calcium Silicate	C	C	C	B	A	B	A	A
Caliche Liquor		B		A	B			A
Camfor	C		C	B	B	B	B	A
Cane Sugar Liquors	B		B	A	B	B	B	A
Carbonated Beverages	B	D	B	B	B	B	B	A
Carbonated Water	B	B	A	A	A	A	A	A
Carbon Bisulfide	C	B	B	B	D	D	A	A
Carbon Dioxide , Dry	A	A	B	A	C	B	B	A
Carbonic Acid	D	D	D	B	B	B	A	A
Carbon Monoxide	A		B	A	B	B	B	A
Carbon Tetrachloride, Dry	C	B	C	A	D	D	B	A
Carbon Tetrachloride, Wet	D	D	D	B	D	D	B	A
Casein	C		C	B	B	B	B	A
Castor Oil	A	B	B	A	A	B	A	A
Caustic Potash				A	B			A
Caustic Soda		B	B	A	C	B	B	A
Cellulose Acetate	B		B	B	D	B	D	A
China Wood Oils (Tung)	C	C	C	A	A	D	A	A
Chlorinated Solvents	C	C	C	A	D	D	C	A
Chlorinated Water				C	B		A	A
Chlorine Gas, Dry	C	B	B	B	C	D	B	A
Chlorobenzene, Dry	B	B	B	A	D	D	A	A
Chloroform, Dry	B	B	C	A	D	D	B	A
Chlorophyll, Dry	B		B	B	B	B	B	A
Chlorosulfonic Acid, Dry	C	B	B	B	D	D	D	A
Chrome Alum	C	B	C	A	B	B	B	A
Chromic Acid <50%	D	D	D	C	D	C	C	A
Chromic Acid >50%	D	D	C	C	D	C	C	A
Chromium Sulfate	C		D	B	B	B	B	A
Cider				A				A
Citric Acid	C	D	D	B	B	B	A	A
Citrus Juices	B	D	D	B	A		A	A
Coca-Cola Syrup				A	B		B	A
Coconut Oil	B	C	C	B	A	A	A	A
Coffee	A		D	A	A	A	A	A
Coffee Extracts, Hot	B	C	C	A				A
Coke Oven, Gas	C	B	B	A	C	D	B	A

	Brass	Carbon Steel	Ductile/Cast Iron	316 Stainless Steel	Nitrile	EPDM	Viton	PTEE(Teflon)
Chemical/Media								
Cooking Oil	B	B	B	A	A	D	A	A
Copper Acetate	D	D	D	A	C	B	D	A
Copper Carbonate				A				A
Copper Cyanide	D		D	A	A	B	B	A
Copper Nitrate	D	D	D	B	A	B	A	A
Copper Sulfate	D	D	D	B	A	A	A	A
Corn Oil	B	C	C	B	A	C	A	A
Cottonseed Oil	B	C	C	B	A	C	B	A
Cresol				B	D	D	D	A
Creosote Oil	B	B	B	B	C	D	A	A
Cresylic Acid	C	C	D	B	D	D	B	A
Crude Oil, Sour	C	B	C	A	A	D	A	A
Crude Oil, Sweet	B	B	B	A	A		A	A
Cupric Nitrate				A				A
Cutting Oil, Water Emulsions	A	B	B	A	A		A	A
Cyanide Plating Solution	D		D	B	B	B	B	A
Cyclohexane	A	A	A	A	C	D	A	A
Cyclohexanone	B			A	D			A
Detergents, Synthetic	B		B	B	B	B	B	A
Dextrin	B		B	B	B	B	B	A
Dichlorethane			C	C	D	D		A
Dichloroethyl Ether	B		B	B	D	D	D	A
Diesel Oil Fuels	A	A	A	A	A	D	A	A
Diethylamine	B	A	B	A	B	C	D	A
Diethyl Benzene				B	D	D		A
Diethyl Sulfate	B		B	A	B	D	D	A
Diethylene Glycol	B		A	A	A	A	B	A
Dimethyl Formamide	B		B	A	B	D	D	A
Dimethyl Phthalate					B		D	A
Dioxane	B		B	B	D	C	D	A
Dipentane (Pinene)	A		A	A	B	D	B	A
Disodium Phosphate				B	B		B	A
Dowtherm	A	B	B	A	D	D	A	A
Drilling Mud	B	B	B	A	B	A	A	A
Dry Cleaning Fluids	C	B	B	A	B	A	B	A
Drying Oil	C	C	B	B	B	A		A
Enamel	A					A		A
Epsom Salts (MgSo4)	B	A	A	B	B	A	A	A
Ethane	B	C	C	B	A	D	A	A
Ethers	B	A	B	A	D	C	C	A
Ethyl Acetate	C	B	C	B	D	C	D	A
Ethyl Acrylate	B	C	C	A	D	C	D	A
Ethyl Benzene					C	D		A
Ethyl Bromide	A		B	B	B	B	B	A
Ethyl Chloride, Dry	B	B	B	A	C	C	B	B
Ethyl Chloride, Wet	C	D	D	B	C	B	B	A
Ethylene Chloride				A	D		D	A
Ethylene Dichloride				B	D	D	D	A
Ethylene Glycol	B	B	B	B	A	A	A	A

	Brass	Carbon Steel	Ductile/Cast Iron	316 Stainless Steel	Nitrile	EPDM	Viton	PTEE(Teflon)
Chemical/Media								
Ethylene Dioxide	C	B	B	B	D	D	D	A
Ethyl Ether	D		C	A	D	D	D	A
Ethyl Silicate	B		B	B	B	B	B	A
Ethyl Sulfate				B	B	C	A	A
Fatty Acids	C	D	D	A	B	D	A	A
Ferric Hydroxide				A	B			A
Ferric Nitrate	D	D	D	C	A	A	A	A
Ferric Sulfate	D	D	D	B	A	A	A	A
Ferrous Ammonium Citrate				B				A
Ferrous Chloride	B	D	D	D	A	A	A	A
Ferrous Sulfate	B	D	D	B	A	A	A	A
Ferrous Sulfate, Saturated	C	C	C	A	C	B	B	A
Fertilizer Solutions	C	B	B	B	B			A
Fish Oils	B	B	B	A	A	D	A	A
Flue Gases	B		B	A	C	D	C	A
Fluoboric Acid				B	A			A
Fluorosilicic Acid	B	D	D	B	C			A
Formaldehyde, Cold	A	A	B	A	B	B	D	A
Formaldehyde, Hot	B	D	D	C	B			A
Formic Acid, Cold	B	D	D	B	D		B	A
Formic Acid, Hot	B	D	D	B	D		A	A
Freon Gas Day	B	B	B	A	C	C	C	A
Freon 11, MF, 112, BF	B		C	A	C	C	D	
Freon 12, 12, 32, 114, 115	A		B	A	B	A	D	
Freon 21, 31	B		C	A	D	D	D	
Freon 22	A		B		D	D	D	
Freon 113, TF	B		C	A	B	C	C	
Freon Wet	D		D	C	B	B	D	A
Fruit Juices	B	D	D	A	A	A	A	A
Fuel Oil	B	B	B	A	A	D	A	A
Fumaric Acid					B			A
Furfural	A	A	B	A	D	C	D	A
Gallic Acid 5%	C	D	D	B	B	C	D	A
Gas, Manufactured	B	B	B	B	A		A	A
Gas, Natural	B	B	B	A	A	D	A	A
Gas, Odorizers	A	B	B	B	B		A	A
Gasoline, Aviation	A	A	B	A	C		A	A
Gasoline, Leaded	A	A	A		C		A	A
Gasoline, Motor	A	A	B		C	D	A	A
Gasoline, Refined	B	B	B	A	C	D	A	A
Gasoline, Sour	B	B	B	A	C	D	A	A
Gasoline, Unleaded	A	A	B	A	C		A	A
Gelatine	A	D	D	A	A	A	A	A
Glucose	A	B	B	A	A	A	A	A
Glue	B	A	B	A	A	B	A	A
Glycerine (Glycerol)	B	C	B	A	C	A	B	
Glycol Amine	D		B	B	A	D	D	
Glycol	B	C	B	B	B	A	A	A
Graphite	B		C	B	B	B	B	A

	Brass	Carbon Steel	Ductile/Cast Iron	316 Stainless Steel	Nitrile	EPDM	Viton	PTFE(Teflon)
Chemical/Media								
Grease	B	A	A	A	A	D	A	A
Helium Gas	B		B	A	B	B	B	A
Helmet Cheddar	A	A	A	A	A	A	A	A
Heptane	A	B	B	A	A	D	A	A
Hexane	B	B	B	A	A	D	A	A
Hexanol, Tertiary	A	A	A	A	A	D	B	A
Hydraulic Oil Petroleum Base	B	A	B	A	A	D	A	A
Hydrazine	D		D	B	C	B	D	A
Hydrocyanic Acid	D	D	C	A	B	B	A	A
Hydrofluesilicic Acid	A	D	D	C	B	B	A	A
Hydrogen Gas, Cold	B	B	B	A	B	B	A	A
Hydrogen Gas, Hot		B		B	B	B		A
Hydrogen Peroxide, Concentrated	D	D	D	B	D	B	D	A
Hydrogen Peroxide Dilute	C	D	D	B	A	B	A	A
Hydrogen Sulfide, Dry	C	B	B	A	C	A	A	A
Hydrogen Sulfide, Wet	D	C	D	B	C	B	A	A
Hypo (Sodium Thiosulfate)	C	D	D	B	C	A	A	A
Illuminating Gas	A	A	A	A	A	D	A	A
Ink Newspaper	C	D	D	A	A	B	A	A
Iodoform	C	B	C	A			A	A
Iso-Butane				B	B	D		A
Iso-Octane	A	A	B	A	C	D	D	A
Isopropyl Acetate				B	D	D		A
Isopropyl Ether	A	A	B	A	C	D	D	A
JP-4 Fuel	A	A	B	A	A		A	A
JP-5 Fuel	A	A	A	A	B		A	A
JP-6 Fuel	A	A	A	A	A		A	A
Kerosene	A	B	B	A	A	D	A	A
Ketchup	D	D	D	A	A		A	A
Ketones	A	A	A	A	D	D	D	A
Laquer (and Solvent)	A	C	C	A	D	D	D	A
Lactic Acid Concentrated Cold	D	D	D	A	B	B	A	A
Lactic Acid Concentrated Hot	D	D	D	B	C	B	B	A
Lactic Acid Dilute Cold	D	D	D	A	B	B	A	
Lactic Acid Dilute Hot	D	D	D	A	C		B	A
Lactose	B		C	B	B	B		A
Lard	B		A	A	B	C		A
Lard Oil	B	C	C	B	A	B	A	A
Lead Acetate	C	D	D	B	A	B	B	A
Lead Sulfate	C		D	B	B	B	B	A
Lecithin	C		C	B	D	D	B	A
Linoleic Acid	B	B	B	A	B	D	B	A
Linseed Oil	B	A	A	A	A	D	A	A
Lithium Chloride	B		B	B	B	B	B	A
LPG	A	B	B	B	A	D	A	A
Lubricating Oil Petroleum Base	B	A	A	A	A	D	A	A
Ludox	D		B	B	B	B	B	A
Magnesium Bisulfate	B	B	B	A	B	B	B	B
Magnesium Bisulfide	D		D	B	B	B	B	A

	Brass	Carbon Steel	Ductile/Cast Iron	316 Stainless Steel	Nitrile	EPDM	Viton	PTFE(Teflon)
Chemical/Media								
Magnesium Carbonate	B		B	A	B	B	B	A
Magnesium Chloride	B	C	D	B	A	A	A	A
Magnesium Hydroxide	B	B	B	A	A	A	A	A
Magnesium Hydroxide, Hot	D	B	B	A	B		A	A
Magnesium Nitrate				A	B		B	A
Magnesium Sulfate	B	B	B	A	A	A	A	A
Maleic Acid	B	B	C	B	B	D	A	A
Maleic Anhydride	B		B	B	D	D	B	A
Malic Acid	B	D	D	B	A		A	A
Malt Beverages				A	A	B	A	B
Manganese Carbonate				B	B			A
Manganese Sulfate	B		D	A	B	B	B	A
Mayonnaise	D	D	D	A	A		A	A
Meat Juices	D			A	B			A
Melamime Resins			D	C	B			A
Mercuric Chloride	D	D	D	B	A	A	A	A
Mercuric Cyanide	D	D	D	A	A	A	A	A
Mercuric Nitrate	D			A			B	A
Mercury	D	A	A	A	A	A	A	A
Methane	A	B	B	A	A		A	A
Methanol	B		B	A	B	D	B	A
Methyl Acetate	A	B	B	A	D	B	D	A
Methyl Acetone	A	A	A	A	D	A	D	A
Methylamine	D	B	B	A	D	B	D	A
Methyl Bromide 100%	C		D	B	B	D	B	
Methyl Cellosolve	A	B	B	A	C	B	D	A
Methyl Cellulose				A	D			A
Methyl Chloride	B	B	B	A	D	D	B	A
Methyl Ethyl Ketone	A	A	A	A	D	B	D	A
Methylene Chloride	A	B	B	A	D	D	C	A
Methyl Formate	A	C	C	B	D	B	D	A
Methy Isobutyle Ketone				A	D			A
Milk & Milk Products	B	D	D	A	A	A	A	A
Mineral Oils	B	B	B	A	A	D	A	A
Mineral Spirits	B	B	B	B	A		A	A
Mixed Acids (cold)	D	C	C	B	D	D	B	A
Molasses, Crude	A	A	A	A	A		A	A
Molasses, Edible	A	C	C	A	A		A	A
Molybdc Acid				A				A
Monochloro Benzene Dry				B	D			A
Morphine	B		B	A	D	B	D	A
Mustard	A	B	B	A	A		A	A
Naptha	B	B	B	B	B	D	A	A
Napthalene	B	B	B	B	D	D	A	A
Natural Gas, Sour	B	B	B	A	A	D	A	A
Nickel Ammonium, Sulfate	D	D	D	A	A	B	A	A
Nickel Chloride	D	D	D	B	A	B	A	A
Nickel Nitrate	D	D	D	B	A	A	A	A
Nickel Sulfate	D	D	D	B	A	B	A	B

Chemical/Media

	Brass	Carbon Steel	Ductile/Cast Iron	316 Stainless Steel	Nitrile	EPDM	Viton	PTFE(Teflon)
Nicotinic Acid	A	B	C	A	D	D	B	A
Nitric Acid 10%	D	D	D	A	C		A	A
Nitric Acid 30%	D	D	D	A	C	B	A	A
Nitric Acid 80%	D	D	D	C	D	B	B	A
Nitric Acid 100%	D	D	D	A	D	D	B	A
Nitric Acid Anhydrous	D	D	C	A	D	D	A	A
Nitrobenzene	D	B	B	A	D	C	C	A
Nitrogen	A	A	A	A	A	B	A	A
Nitrus Acid 10%	D	D	D	B	A		A	A
Nitrous Gases	D	B	C	A				A
Nitrous Oxide	B	B	C	B	B		A	A
Oils & Fats				A	B	D		A
Oils, Animal	A	A	A	A	A	B	B	A
Oils, Petroleum Refined	B	A	A	A	A	A	D	A
Oils, Petroleum Sour	C	B	C	A	A	A	D	A
Oils, Water Mixture	A	B	B	A	A	A		A
Olaic Acid				B		A		A
Oleic Acid	B	C	C	B	B	A	D	A
Oleum	C	B	D	B	D	D	C	A
Oleum Spirits	D		D	B	C	D	A	A
Olive Oil	C	B	B	A	A	B	A	A
Oxalic Acide	B	D	D	B	C	B	A	A
Oxygen	A	B	B	A	B	A	A	A
Ozone, Dry	A	A	A	A	D	A	B	A
Ozone, Wet	B	C	C	A	D	B	B	A
Paints & Solvents	A	A	A	A	D	D	B	A
Palmatic Acid	B	C	C	B	B	B	A	A
Palm Oil	B	C	C	B	B	D	A	A
Paper Pulp	B		B	A	B	B	B	
Paraffin	A	B	B	A	A	D	A	A
Paraformaldehyde	B	B	B	B	B	D		A
Paraldehyde				B	B	D		A
Pentane	A	B	B	A	A	D	A	A
Perchlorethylene, Dry	C	B	B	A	D	D	A	A
Petrolatum (Vaseline Petroleum Jelly)	B	C	C	B	A		A	A
Phenol	B	D	D	A	D	D	B	A
Phosphate Ester 10%	D	A	A	A	D	A		A
Phosphoric Acid 10%	D	D	D	D	B	B	A	A
Phosphoric Acid 50% Cold	D	D	D	B	B	B	A	A
Phosphoric Acid 50% Hot	D	D	D	D	B	B	A	A
Phosphoric Acid 85% Cold	D	B	B	A	C		B	A
Phosphoric Acid 85% Hot	D	C	C	B	C			A
Phosphoric Acid Anhydride				A	D		B	A
Phosphorous Trichloride		B	C	A	D	B	B	A
Phtalic Acid	B	C	C	B	C		A	A
Phtalic Anhydride	B	C	C	B	C		A	A
Picric Acid	C	D	D	B	C	B	B	A
Pineapple Juice	C	C	C	A	A		A	A
Pine Oil	B	B	B	A	A	D	A	A

Chemical/Media	Brass	Carbon Steel	Ductile/Cast Iron	316 Stainless Steel	Nitrile	EPDM	Viton	PTFE(Teflon)
Pitch (Bitumen)				A	C	D		A
Polysulfide Liquor	D		B	B	B	B	B	A
Polyvinyl Acetate	B		B	B		B		A
Polyvinyl Chloride	B		B	B		B		A
Potassium Bicarbonate				A	B			A
Potassium Bichromate				A	B		B	A
Potassium Bisulfate				A	B		A	A
Potassium Bisulfite	C	D	D	B	A	B	A	A
Potassium Bromide	C	D	D	A	A	B	A	A
Potassium Carbonate	B	B	B	B	A	B	A	A
Potassium Chlorate	B	B	B	B	A	B	A	A
Potassium Chloride	C	C	B	B	A	A	A	A
Potassium Chromate	B		B	B	B	B	B	A
Potassium Cyanide	D	B	B	B	A	A	A	A
Potassium Dichromate	D	C	C	B	A	B	A	A
Potassium Ferricyanide	D	C	C	A	A	B	A	A
Potassium Ferrocyanide	B	C	C	B	A		A	A
Potassium Hydroxide Dilute Cold	D	A	A	B	A		D	A
Potassium Hydroxide to 70% Cold	D	B	B	B	B	B	D	A
Potassium Hydroxide Dilute Hot	D	B	B	B	B			A
Potassium Hydroxide to 70% Hot	D	A	B	B	C	A		A
Potassium Iodide	D	C	C	B	A	B	A	A
Potassium Nitrate	B	B	B	B	A	B	A	A
Potassium Oxalate				A				A
Potassium Permanganate	B	B	B	B	A	B	A	A
Potassium Phosphate	C		C	B	A	A	A	A
Potassium Phosphate Di-Basic	B	A	A	A	A	B	A	A
Potassium Phosphate Tri-Basic		A	A	B	B	B		A
Potassium Sulfate	B	B	C	A	A	A	A	A
Potassium Sulfide	B	B	B	A	A	B	B	
Potassium Sulfite	B	B	B	A	B	A	B	A
Producer Gas	B	B	B	B	A	D	A	A
Propane Gas	A	B	B	B	A	D	A	A
Propyl Bromide	B		B	B	B	B	B	A
Propylene Glycol	B	B	B	B	A	B	A	A
Pyridine			B	B	D		D	A
Pyrogalic Acid	B	B	B	B	A		A	A
Quench Oil	B	B	B	A	A		A	A
Quim, Oil	C	A	B	A	A	A	A	A
Quinine, Sulfate, Dry				A				A
Resins & Rosins	A	C	C	A	C		A	A
Resorcinol				B				A
Road Tar	A	A	A	A	B	D	A	A
Roof Pitch	A	A	A	A	D		A	A
Rosin Emulsion	B	C	C	A	D		B	A
R P-1 Fuel	A	A	A	A	B		A	A
Rubber Latex Emulsions	A	B	B	A			A	A
Rubber Solvents	A	A	A	A	D		D	A
Salad Oil	B	C	C	B	A	B	A	A
Salicylic Acid	C	D	D	A	A	B	A	A

	Brass	Carbon Steel	Ductile/Cast Iron	316 Stainless Steel	Nitrile	EPDM	Viton	PTFE(Teflon)
Chemical/Media								
Salt (NaCl)	B	C	C	B	A		A	A
Salt Brine	B		D	B	A	B	B	A
Sauerkraut Brine				B				A
Sea Water	C	D	D	B	A	A	A	A
Sewage	C	C	D	B	A	B	B	A
Shellac	A	A	B	A	A			A
Silicone Fluids	B		B	B	B		B	A
Silver Bromide				A				A
Silver Cyanide	D		D	A	B		B	A
Silver Nitrate	D	D	D	A	C	A	A	A
Silver Plating Solution				A				A
Soap Solutions (Stearates)	A	A	B	A	A	A	A	A
Sodium Acetate	B	C	C	B	B	B	A	A
Sodium Aluminate	B	C	C	A	A	B	A	A
Sodium Benzoate				B				A
Sodium Bicarbonate	B	C	C	B	A	A	A	A
Sodium Bichromate				B	D			A
Sodium Bisulfate 10%	B	D	D	A	A	B	A	A
Sodium Bisulfite 10%	B	D	D	A	A	B	A	A
Sodium Borate	B	C	C	B	A	B	A	A
Sodium Bromide 10%	B	C	D	B	A	B	A	A
Sodium Carbonate (Soda Ash)	B	B	B	A	A	B	A	A
Sodium Chlorate	B	C	C	B	A	B	A	A
Sodium Chloride	B	C	C	B	A	B	A	A
Sodium Chromate	C	B	B	A	A	B	A	A
Sodium Citrate				B				A
Sodium Cyanide	D	B	B	A	A	B	A	A
Sodium Ferricyanide				A				A
Sodium Fluoride	C	D	D	B	A	B	A	A
Sodium Hydroxide 20% Cold	A	A	A	A	A	B	B	A
Sodium Hydroxide 20% Hot	A	B	B	A	A	B	C	A
Sodium Hydroxide 50% Cold	A	A	B	A	A	B	C	A
Sodium Hydroxide 50% Hot	A	B	B	A	B		C	A
Sodium Hydroxide 70% Cold	A	A	A	A	B	B	C	A
Sodium Hydroxide 70% Hot	B	B	B	A	D	B	C	A
Sodium Hypochlorite (Bleach)	D	D	D	D			A	A
Sodium Hypesulfite				B				A
Sodium Lactate				A				A
Sodium Metaphosphate	C	B	C	B	A	B		
Sodium Metasilicate Cold	B	C	C	A	B		B	A
Sodium Metasilicate Hot	B	D	D	A				A
Sodium Nitrate	B	B	B	A	C	B	A	A
Sodium Nitrite	B	B	B	B	C	A	A	A
Sodium Perborate	B	B	B	B	C	A	A	A
Sodium Peroxide	D	C	C	B	C	A	A	A
Sodium Phosphate	C	C	C	B	B	A	A	A
Sodium Phosphate Di-Basic	C	C	C	B	A	A	A	A
Sodium Phosphate Tri-Basic	C	C	C	B	B	A	A	A
Sodium Polyphosphate				B	B	A		A

	Brass	Carbon Steel	Ductile/Cast Iron	316 Stainless Steel	Nitrile	EPDM	Viton	PTFE(Teflon)
Chemical/Media								
Sodium Salicylate				A				A
Sodium Silicate	B	B	B	B	A	B	A	A
Sodium Silicate, Hot	C	C	C	B		B	A	A
Sodium Sulfate	B	B	B	A	A	A	A	A
Sodium Sulfide	D	B	B	B	A	B	A	A
Sodium Sulfite	C		A	A	A	B	B	A
Sodium Tetraborate			A	A	A	B		A
Sodium Thosulfate	C	B	C	B	A	A	A	A
Soybean Oil	B	C	C	A	A	B	A	A
Starch	B	C	C	B	A	C	A	A
Steam (212deg F / 100 deg C)	A	A	A	A	B	D	C	A
Stearic Acid	C	C	C	B	A	B	A	A
Styrene	A	A	B	A	D	D	B	A
Sugar Liquids	A	B	B	A	A	B	A	A
Sugar , Syrups & Jam	B		C					A
Sulfate, Black Liquor	C	C	C	B	C	B	C	A
Sulfate, Green Liquor	C	C	C	B	C		C	A
Sulfate, White Liquor	C	C	C	B	C		C	A
Sulfur	D	C	C	B	D	B	B	A
Sulfur Chlorides	B	D	D	D	D	C	A	A
Sulfur Dioxide, Dry	B	B	B	A	D	A	A	A
Sulfur Dioxide, Wet	D			A	D	B		A
Sulfur Hexafluoride	B			A				A
Sulfur, Molten	D	C	B	B	D	B	B	A
Sulfur, Trioxide	B	B	B	B	D		B	A
Sulfur, Trioxide, Dry	B	B	B	B	D	B	A	A
Sulfuric Acid 0 to 77%	C	D	D	C	B		A	A
Sulfuric Acid 100%	C	C	B	A	D	C	B	A
Sulfurous Acid	D	D	D	B	C	C	A	A
Tall Oil	B	B	B	B	B	D	A	A
Tannic Acid (Tannin)	B	C	C	B	B	B	A	A
Tanning Liquors				B	B			A
Tar & Tar Oils	A	A	A	A	C	D	A	A
Tartaric Acid	B	D	D	A	C	B	A	A
Tetraethyl Lead	B	C	C	B				A
Toluol (Toluene)	A	A	A	A	D	D	B	A
Tomato Juice	C	C	C	A	A		A	A
Transformer Oil	B	A	B	A	A		A	A
Tributyl Phosphate	A	A	A	A	D	B	D	A
Trichloroethylene	B	B	C	B	D	D	B	A
Trichloroacetic Acid	B		D	D	C		D	A
Triethanolamine				B	C	B		A
Triethylamine	B			B	B			A
Trisodium Phosphate				B	A	B	B	A
Tung Oil	B	B	B	A	A	D	A	A
Turpentine	B	B	B	B	B	D	A	A
Urea	B	B	C	B	C	B	D	A
Uric Acid				A				A
Varnish	A	C	C	A	C	D	B	A



Chemical/Media	Brass	Carbon Steel	Ductile/Cast Iron	316 Stainless Steel	Nitrile	EPDM	Viton	PTFE(Teflon)
Vegetable Oils	B	B	B	A	A	D	A	A
Vinegar	B	D	D	A	D	A	D	A
Vinyl Acetate	B		B	B		A		A
Water, Distilled	A	D	D	A	C	B	A	A
Water, Fresh	A	C	C	A	C	B	A	A
Water, Acid Mine	D	D	D	B	B	A	D	A
Waxes	A	A	A	A	A	C	A	A
Whiskey & Wines	B	D	D	A	B	A	A	A
Xylene (Xylol), Dry	A	B	B	A	D	D	B	A
Zinc Bromide	B		D	B	B	B	B	A
Zinc Hydrosulfite	C	A	B	A	A	A	A	A
Zinc Sulfate	B	D	D	B	A	A	A	A

E&OE

RATINGS	
Excellent	A
Good	B
Poor	C
Do Not Use	D
No Information	Blank