

Chemical	60 °F (15 °C)	150 °F (66 °C)
Acetic Acid 0-25% (vinegar)	✓	max 125 °F
Acetic Acid 25-50%	✓	✗
Alcohol - Butyl	✗	✗
Alcohol - Isopropyl	max 150 °F	
Alcohol - Isopropyl 100%	✗	✗
Alcohol - Secondary Butyl	✗	✗
Alum (Aluminum Sulfate)	✓	✓
Aluminum Chloride	✓	max 120 °F
Aluminum Potassium Sulfate	✓	✓
Ammonium Bicarbonate	✓	✗
Ammonium Hydroxide 5%	✓	✗
Ammonium Hydroxide 10%	✗	✗
Ammonium Hydroxide 20%	✗	✗
Ammonium Nitrate	✓	✓
Ammonium Persulfate	✗	✗
Ammonium Phosphate	✗	✗
Ammonium Sulfate	✓	✓
Barium Acetate	✗	✗
Barium Carbonate	✓	✗
Barium Chloride	✓	max 200 °F
Barium Sulfate	✓	✓
Barium Sulfide	✗	✗
Beer	✓	✗
Benzoic Acid	✓	✗
Benzyl Alcohol	✗	✗
Butylene Glycol	✓	✓
Butyric Acid 0-50%	✓	✗
Cadmium Chloride	✓	✗
Calcium Bisulfate	✓	✓
Calcium Carbonate	✓	✗
Calcium Chlorate	✓	✓
Calcium Chloride	✓	✓
Calcium Hydroxide	✓	✗
Calcium Hypochlorite	✓	✗
Calcium Nitrate	✓	✓
Calcium Sulfate	✓	✓

Chemical	60 °F (15 °C)	150 °F (66 °C)
Calcium Sulfite	✓	✓
Caprylic Acid	✓	✗
Carbon Dioxide	✓	✓
Carbon Monoxide	✓	✓
Carbonic Acid	✓	✓
Chlorine Dioxide/Air	✓	✗
Chlorine - Dry Gas	✓	✗
Chlorine, Wet Gas	✗	✗
Chlorine Water	✗	✗
Chloroacetic Acid 0-50%	✗	✗
Chromium Sulfate	✓	✓
Citric Acid	✓	✓
Coconut Oil	✓	✗
Copper Chloride	✓	✓
Copper Cyanide	✗	✗
Copper Fluoride	✗	✗
Copper Nitrate	✓	✓
Copper Sulfate	✓	✓
Corn Oil	✓	✗
Corn Starch-Slurry	✓	✗
Corn Sugar	✓	✗
Cottonseed Oil	✓	✗
Crude Oil, Sour	✓	✗
Crude Oil, Sweet	✓	✗
Cyclohexane	✓	✗
Di-Ammonium Phosphate	✗	✗
Dibutyl Ether	✗	✗
Diesel Fuel	✓	✗
Diethylene Glycol	✓	✗
Dimethyl Phthalate	✗	✗
Diocetyl Phthalate	✗	✗
Dipropylene Glycol	✓	✗
Ethylene Glycol	✓	✓
Fatty Acids	✓	✓
Ferric Chloride	✓	✓
Ferric Nitrate	✓	✓

✓ = Resistant ✗ = Not Resistant

Chemical	60 °F (15 °C)	150 °F (66 °C)
Ferric Sulfate	✓	✓
Ferrous Chloride	✓	✓
Ferrous Nitrate	✓	✓
Ferrous Sulfate	✓	✓
Fluoboric Acid 10%	✗	✗
Fluosilicic Acid 0-20%	✗	✗
Formaldehyde	✓	✗
Formic Acid 10%	✓	✗
Fuel Oil	✓	✗
Gas, Natural	✓	✗
Gasoline, Auto	✓	✗
Gasoline Aviation	✓	✗
Gasoline, Ethyl	✓	✗
Gasoline, Sour	✓	✗
Glyconic, Acid	✓	✗
Glucose	✓	✓
Glycerin	✓	✓
Glycol - Propylene	✓	✓
Glycolic Acid 70%	✓	✗
Heptanes	✓	✗
Hexane	✓	✗
Hexalene Glycol	✓	✓
Hydraulic Fluid	✓	✗
Hydrobromic Acid 0-25%	✓	✗
Hydrocyanic Acid	✓	✗
Hydrofluosilicic Acid 10%	✗	✗
Hydrogen Chloride, Wet Gas	✗	✗
Hydrogen Fluoride, Vapor	✓	max 95 °F
Hydrogen Peroxide 35%	✓	max 120 °F
Hydrogen Sulfide Dry	✓	max 250 °F
Hypochlorous Acid 0-10%	✓	max 104 °F
Isopropyl Palmitate	✓	max 180 °F
Kerosene	✓	max 120 °F
Lactic Acid	✓	max 200 °F
Lead Acetate	✓	max 160 °F
Magnesium Carbonate	✓	max 160 °F

Chemical	60 °F (15 °C)	150 °F (66 °C)
Magnesium Chloride	✓	max 220 °F
Magnesium Nitrate	✓	max 160 °F
Magnesium Sulfate	✓	max 200 °F
Mercuric Chloride	✓	max 212 °F
Mercurous Chloride	✓	max 212 °F
Mineral Oils	✓	max 180 °F
Naphtha	✓	✓
Naphthalene	✓	✗
Nickel Chloride	✓	✗
Nickel Nitrate	✓	✓
Nickel Sulfate	✓	✓
Nitric Acid 0-5%	✓	✓
Octanoic Acid	✓	✗
Oil, Sour Crude	✓	✓
Oil, Sweet Crude	✓	✓
Oleic Acid	✓	✓
Olive Oil	✓	✓
Oxalic Acid	✓	✓
Phosphoric Acid	✓	✓
Phosphoric Acid Fumes	✓	✓
Phosphorous Pentoxide	✓	✓
Phthalic Acid	✓	✓
Pickling Acids	✓	✓
Picric Acid, Alcoholic	✓	✓
Polyvinyl Acetate Latex	✓	✗
Polyvinyl Alcohol	✓	✗
Potassium Aluminum Sulfate	✓	max 170 °F
Potassium Bicarbonate	✓	✗
Potassium Carbonate	✓	✗
Potassium Chloride	✓	✓
Potassium Ferro cyanide	✓	✓
Potassium Nitrate	✓	✓
Potassium Permanganate	✓	✗
Potassium Persulfate	✓	✗
Potassium Sulfate	✓	✓
Pulp Paper Mill Effluent	✓	✗

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Chemical	60 °F (15 °C)	150 °F (66 °C)
Pyridine	✗	✗
Silver Nitrate	✓	✓
Soaps	✓	✗
Sodium Acetate	✓	✗
Sodium Benzoate	✓	✗
Sodium Bifluoride	✓	✗
Sodium Bisulfate	✓	✓
Sodium Bisulfite	✓	✓
Sodium Bromide	✓	✓
Sodium Carbonate 0-25%	✓	✗
Sodium Chlorate	✓	✗
Sodium Chloride	✓	✗
Sodium Chlorite 25%	✓	✗
Sodium Cyanide	✓	✗
Sodium Dichromate	✓	✓
Sodium Di-Phosphate	✓	✓
Sodium Ferricyanide	✓	✓
Sodium Hydroxide 0-5%	✓	✓
Sodium Hydrosulfide	✓	✗
Sodium Hypochlorite	✓	✗
Sodium Lauryl Sulfate	✓	✓
Sodium Mono-Phosphate	✓	✓
Sodium Nitrate	✓	✓
Sodium Silicate	✓	✗
Sodium Sulfate	✓	✓
Sodium Sulfide	✓	✗
Sodium Sulfite	✓	✗
Sodium Tetraborate	✓	✓
Sodium Thiosulfate	✓	✗
Sodium Tripolyphosphate	✓	✗
Sodium Xylene Sulfonate	✓	✗
Sodium Solutions	✓	✗
Sodium Crude Oil	✓	✓
Soya Oil	✓	✓
Stannic Chloride	✓	✓
Stannous Chloride	✓	✓

Chemical	60 °F (15 °C)	150 °F (66 °C)
Stearic Acid	✓	✓
Sugar, Beet and Cane Liquor	✓	✗
Sugar, Sucrose	✓	✓
Sulfamic Acid	✓	✗
Sulfated Detergents	✓	✗
Sulfuric Acid 0-30%	✓	✓
Sulfuric Acid 30-50%	✗	✗
Sulfuric Acid 30-50%	✗	✗
Sulfuric Acid 50-70%	✓	max 150 °F
Sulfurous Acid 10%	✗	✗
Superphosphoric Acid	✓	✗
Tall Oil	✓	✗
Tannic Acid	✓	✗
Tartaric Acid	✓	✓
Toluene	✗	✗
Trichloro Acetic Acid 50%	✓	✗
Tridecylbenzene Sulfonate	✓	✗
Trisodium Phosphate	✓	✗
Urea	✓	✗
Vegetable Oils	✓	✓
Vinegar	✓	✓
Water - Deionized	✓	✓
Water - Demineralized	✓	✓
Water - Distilled	✓	✓
Water - Fresh	✓	✓
Water - Salt	✓	✓
Water - Sea	✓	✓
White Liquor - Pulp Mill	✓	✗
Xylene	✗	✗
Zinc Chlorate	✓	✓
Zinc Nitrate	✓	✓
Zinc Sulfate	✓	✓

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