Not recommended for immersion corrosion rate extreme to steel substrate (OK+) - ☐
Testing showed discoloration - ***Italic***

Immersion Chemical Exposure Test Data

SEARCH [ ] SEARCH 310

◉ Beginning ○ Anywhere (Enter Chemical, Full or partial spelling)

Search Results beginning with **All** Within Results For **Product 310**

Chemical / Trade Name	% Conc	Temp. F	Products Passing Service	Result	View
Alum Solution	15.00%	100	310	Pass	View
Alum Solution	15.00%	130	310	Pass	View
Alum Solution	35.00%	100	310	Pass	View
Alum Solution	35.00%	130	310	Pass	View
Aluminum Chloride	30.00%	100	310	Pass	View
Aluminum Chloride	30.00%	130	310	Pass	View
Aluminum Fluoride		100	310	Pass	View
Aluminum Hydroxide		120	310	Pass	View
Aluminum Hydroxide		130	310	Pass	View
Aluminum Hydroxide	Dry	100	310	Pass	View
Aluminum Nitrate		120	310	Pass	View
Aluminum Nitrate	80.00%	100	310	Pass	View
Aluminum Potassium Sulfate		120	310	Pass	View
Aluminum Sulfate		120	310	Pass	View
Aluminum Sulfate	30.00%	100	310	Pass	View
Aluminum Sulfate	30.00%	130	310	Pass	View
Aluminum Sulfate	35.00%	130	310	Pass	View
Ammonium Bisulfide		100	310	Pass	View
Ammonium Bisulfite		100	310	Pass	View
Ammonium Bisulfite		100	310	Pass	View
Ammonium Chloride	Dry	100	310	Pass	View
Ammonium Chloride	Dry	120	310	Pass	View
Ammonium Chloride	Dry	130	310	Pass	View
Ammonium Hydroxide		120	310	Pass	View
Ammonium Hydroxide		120	310	Pass	View
Ammonium Hydroxide	28.00%	75	310	Pass	View

Ammonium Lauryl Sulfate		120	310	Pass	View
Ammonium Nitrate	50.00%	100	310	Pass	View
Ammonium Nitrate	50.00%	130	310	Pass	View
Ammonium Nitrate	Dry	120	310	Pass	View
Ammonium Persulfate		120	310	Pass	View
Ammonium Sulfate	40.00%	120	310	Pass	View
Ammonium Sulfate	Dry	120	310	Pass	View
Ammonium Sulfide		120	310	Pass	View
Ammonium Sulfite		100	310	Pass	View
Ammonium Sulfite		120	310	Pass	View
Apple Juice Concentrate		100	310	Pass	View
Barium Chloride		120	310	Pass	View
Barium Hydroxide		130	310	Pass	View
Barium Sulfide		120	310	Pass	View
Barium Sulfide		120	310	Pass	View
Beer (Budwieser)		100	310	Pass	View
Benzene Sulfonic Acid		75	310	Pass	View
Black Liquor		100	310	Pass	View
Black Liquor		130	310	Pass	View
Boric Acid		120	310	Pass	View
Butyl Acetate		75	310	Pass	View
Cadmium Chloride		120	310	Pass	View
Cadmium Cyanide, Plating		100	310	Pass	View
Cadmium Cyanide, Plating		120	310	Pass	View
Cadmium Cyanide, Plating		130	310	Pass	View
Calcium Bisulfate		130	310	Pass	View
Calcium Bromide		120	310	Pass	View
Calcium Chloride		120	310	Pass	View
Calcium Chloride		130	310	Pass	View
Calcium Chloride	30.00%	130	310	Pass	View
Calcium Chloride	Sat.	100	310	Pass	View
Calcium Hydroxide		100	310	Pass	View
Calcium Hydroxide					

		120	310	Pass	View
Calcium Hydroxide		130	310	Pass	View
Calcium Hydroxide	Sat.	100	310	Pass	View
Calcium Hydroxide	Sat.	130	310	Pass	View
Calcium Nitrate		120	310	Pass	View
Calcium Oxide	Dry	100	310	Pass	View
Calcium Oxide	Dry	130	310	Pass	View
Calcium Oxide	Dry	160	310	Pass	View
Calcium Slufite		120	310	Pass	View
Calcium Slufite	Dry	130	310	Pass	View
Calcium Slufite	Dry	160	310	Pass	View
Calcium Sulfate	Dry	100	310	Pass	View
Calcium Sulfate	Dry	120	310	Pass	View
Calcium Sulfate	Dry	130	310	Pass	View
Calcium Sulfate	Dry	160	310	Pass	View
Canola Oil - Crude (Canbra Foods)	Dry	160	310	Pass	View
Carbon Dioxide, Gas		100	310	Pass	View
Castor Oil		100	310	Pass	View
Chlorine	2.00%	100	310	Pass	View
Chlorine Dioxide	2.00%	100	310	Pass	View
Chromic Chloride		100	310	Pass	View
Chromic Sulfate	40.00%	100	310	Pass	View
Chromium Trioxide	40.00%	100	310	Pass	View
Citric Acid		120	310	Pass	View
Citric Acid	40.00%	130	310	Pass	View
Citric Acid	5.00%	100	310	Pass	View
Copper Chloride		120	310	Pass	View
Copper Chloride	Dry	100	310	Pass	View
Copper Chloride	Dry	130	310	Pass	View
Copper Cyanide		120	310	Pass	View
Copper Nitrate		120	310	Pass	View
Copper Sulfate		120	310	Pass	View
Copper Sulfate					

	Dry	120	310	Pass	View
Corn Oil		120	310	Pass	View
Corn Syrup - Dextrose		120	310	Pass	View
Cottonseed Oil		120	310	Pass	View
Cough Syrup, Vicks		120	310	Pass	View
Cupric Ammonium Chloride		100	310	Pass	View
Cupric Chloride		100	310	Pass	View
Dextrose		120	310	Pass	View
Dibutyl Phthalate		75	310	Pass	View
Dibutyl Phthalate		100	310	Pass	View
Dibutyl Tin Dichloride		120	310	Pass	View
Diesel Fuel		100	310	Pass	View
Diesel Oil		100	310	Pass	View
Diesel Oil		130	310	Pass	View
Diethanolamine		75	310	Pass	View
Diethanolamine		100	310	Pass	View
Diethanolamine		130	310	Pass	View
Diethyl Amino Ethyl Chloride, National Stanch 904-04	50.00%	120	310	Pass	View
Dodecyl Alcohol (Lauryl)		100	310	Pass	View
Dodecyl Alcohol (Lauryl)		120	310	Pass	View
Dodecylbenzene		120	310	Pass	View
Ethyl Alcohol		75	310	Pass	View
Ethyl Alcohol		100	310	Pass	View
Ethyl Alcohol		100	310	Pass	View
Ethyl Benzene		100	310	Pass	View
Ethylene Glycol		75	310	Pass	View
Ethylene Glycol		100	310	Pass	View
Ethylene Glycol		120	310	Pass	View
Fatty Acid		100	310	Pass	View
Ferric Chloride		120	310	Pass	View
Ferric Chloride	20.00%	100	310	Pass	View
Ferric Chloride	20.00%	130	310	Pass	View
Ferric Nitrate					

		100	310	Pass	View
Ferric Nitrate		120	310	Pass	View
Ferric Nitrate		130	310	Pass	View
Ferric Sulfate		120	310	Pass	View
Ferric Sulfate		130	310	Pass	View
Ferric Sulfate	20.00%	100	310	Pass	View
Ferric Sulfate	20.00%	130	310	Pass	View
Ferrous Chloride		100	310	Pass	View
Ferrous Chloride	20.00%	100	310	Pass	View
Ferrous Chloride	20.00%	130	310	Pass	View
Ferrous Chloride	40.00%	100	310	Pass	View
Ferrous Chloride	40.00%	130	310	Pass	View
Ferrous Sulfate 50% & HCl 2%	40.00%	100	310	Pass	View
Fibersorb 7200, Camelot Superabsorb	40.00%	130	310	Pass	View
Fluoboric Acid		100	310	Pass	View
Fuel Oil		100	310	Pass	View
Fuel Oil - Low Sulfur		130	310	Pass	View
Gasoline, Unleaded		100	310	Pass	View
Gasoline, Unleaded		100	310	Pass	View
Glucose		120	310	Pass	View
Glycerine, Glycerol		75	310	Pass	View
Glycerine, Glycerol		100	310	Pass	View
Glycerine, Glycerol		120	310	Pass	View
Glycidyl Phenyl Ether		130	310	Pass	View
Gold Plating (Cyanide)		100	310	Pass	View
Grape Juice		100	310	Pass	View
Grape Juice		120	310	Pass	View
Grape Juice		120	310	Pass	View
Heptane		100	310	Pass	View
Heptane		120	310	Pass	View
Heptanoic Acid, Heptoic Acid		100	310	Pass	View
Hexane		120	310	Pass	View
Hexanediol (1,6)					

		120	310	Pass	View
Hydrochloric Acid	5.00%	75	310	Pass	View
Hydrochloric Acid	5.00%	120	310	Pass	View
Hydrofluorosilicic Acid	10.00%	100	310	Pass	View
Hydrogen Sulfide, Gas	Sat.	100	310	Pass	View
Hydrogen Sulfide, Gas	Sat.	120	310	Pass	View
Hydroquinone		120	310	Pass	View
Isopropyl Alcohol		75	310	Pass	View
Isopropyl Alcohol		100	310	Pass	View
Isopropyl Alcohol		100	310	Pass	View
Jet Fuel		100	310	Pass	View
Jet Fuel, A		120	310	Pass	View
Jet Fuel, JP-4		100	310	Pass	View
Kaolin, Clay		100	310	Pass	View
Kerosene		100	310	Pass	View
Kerosene		120	310	Pass	View
Ketchup		120	310	Pass	View
Kevlar		120	310	Pass	View
Lard		100	310	Pass	View
Lauryl Chloride		100	310	Pass	View
Lead Acetate		120	310	Pass	View
Lecithin		120	310	Pass	View
Levulic Acid		100	310	Pass	View
Liquor - Black		100	310	Pass	View
Liquor - Black (Modified W/ Acetic Acid)		130	310	Pass	View
Liquor - Green (Sulfate Process)		100	310	Pass	View
Liquor - Green (Sulfate Process)		120	310	Pass	View
Liquor - Green (Sulfate Process)		130	310	Pass	View
Liquor - Green, Spent Soda Pulping Liquor		120	310	Pass	View
Liquor - White		100	310	Pass	View
Liquor - White		120	310	Pass	View
Lithium Chloride	Sat.	100	310	Pass	View
Lithium Chloride					

	Sat.	130	310	Pass	View
LNP-2250, Nat. Starch -- Carbohydrate		100	310	Pass	View
Magnesium Bisulfite		120	310	Pass	View
Magnesium Carbonate		100	310	Pass	View
Magnesium Carbonate		120	310	Pass	View
Magnesium Chloride		100	310	Pass	View
Magnesium Chloride		120	310	Pass	View
Magnesium Chloride		130	310	Pass	View
Magnesium Chloride	Sat.	100	310	Pass	View
Magnesium Chloride	Sat.	130	310	Pass	View
Magnesium Hydroxide		120	310	Pass	View
Magnesium Hydroxide	20.00%	100	310	Pass	View
Magnesium Sulfate		100	310	Pass	View
Magnesium Sulfate		130	310	Pass	View
Maleic Acid		100	310	Pass	View
Maleic Acid		130	310	Pass	View
Mercuric Chloride		120	310	Pass	View
Mercurous Chloride		120	310	Pass	View
Mercury		120	310	Pass	View
Methyl Alcohol		75	310	Pass	View
Milk		120	310	Pass	View
Mineral Oil		100	310	Pass	View
Mineral Spirits		75	310	Pass	View
Mineral Spirits		100	310	Pass	View
Miraspec KCC, KC		120	310	Pass	View
Molasses		120	310	Pass	View
Motor Oil		100	310	Pass	View
Motor Oil		130	310	Pass	View
Naptha		100	310	Pass	View
Naptha		100	310	Pass	View
Napthalene		100	310	Pass	View
Nitric Acid	5.00%	75	310	Pass	View
Nonylphenol					

		75	310	Pass	View
Oil - Animal		130	310	Pass	View
Oil - Crude		130	310	Pass	View
Oil - Crude (Sour)		100	310	Pass	View
Oil - Crude (Sour)		120	310	Pass	View
Oil - Crude (Sour), Prudhoe Bay		130	310	Pass	View
Oil - Crude (Sweet)		100	310	Pass	View
Oil - Crude (Sweet)		130	310	Pass	View
Oil - Hydraulic		130	310	Pass	View
Oil - Mineral		130	310	Pass	View
Oil - Motor		130	310	Pass	View
Oil - Vegetable		100	310	Pass	View
Oil - Vegetable		130	310	Pass	View
Oil Separator Fluid, Atlas Refining		130	310	Pass	View
Phosphoric Acid	10.00%	75	310	Pass	View
Phosphoric Acid	20.00%	100	310	Pass	View
Potassium Acetate		120	310	Pass	View
Potassium Bromide		12	310	Pass	View
Potassium Bromide		100	310	Pass	View
Potassium Bromide		120	310	Pass	View
Potassium Bromide	10.00%	130	310	Pass	View
Potassium Carbonate	10.00%	100	310	Pass	View
Potassium Carbonate	10.00%	130	310	Pass	View
Potassium Carbonate	25.00%	100	310	Pass	View
Potassium Carbonate	25.00%	120	310	Pass	View
Potassium Chloride		100	310	Pass	View
Potassium Chloride		120	310	Pass	View
Potassium Chloride		130	310	Pass	View
Potassium Cyanide		100	310	Pass	View
Potassium Ferrocyanide		100	310	Pass	View
Potassium Hydroxide	10.00%	120	310	Pass	View
Potassium Hydroxide	20.00%	100	310	Pass	View
Potassium Hydroxide					

	20.00%	130	310	Pass	View
Potassium Hydroxide	50.00%	100	310	Pass	View
Potassium Hydroxide	50.00%	120	310	Pass	View
Potassium Nitrate		100	310	Pass	View
Potassium Nitrate		100	310	Pass	View
Potassium Nitrate		120	310	Pass	View
Potassium Nitrate		130	310	Pass	View
Potassium Persulfate		100	310	Pass	View
Potassium Sulfate		120	310	Pass	View
Propylene Glycol, 1,2- Propanediol		100	310	Pass	View
Salacylic Acid		75	310	Pass	View
Salt Brine		130	310	Pass	View
Sea Water		100	310	Pass	View
Sea Water		130	310	Pass	View
Silver Nitrate		100	310	Pass	View
Skydrol		100	310	Pass	View
Soap, Fatty Acid Ph 10.9		100	310	Pass	View
Sodium Acetate		120	310	Pass	View
Sodium Bicarbonate		120	310	Pass	View
Sodium Bisulfate		120	310	Pass	View
Sodium Bisulfate	Sat.	100	310	Pass	View
Sodium Bisulfide		120	310	Pass	View
Sodium Bisulfite		100	310	Pass	View
Sodium Bisulfite		120	310	Pass	View
Sodium Bisulfite	20.00%	100	310	Pass	View
Sodium Borate	10.00%	100	310	Pass	View
Sodium Borate	10.00%	130	310	Pass	View
Sodium Bromate	10.00%	100	310	Pass	View
Sodium Bromate	10.00%	130	310	Pass	View
Sodium Bromide		120	310	Pass	View
Sodium Carbonate		120	310	Pass	View
Sodium Carbonate	Sat.	100	310	Pass	View
Sodium Chlorate					

		100	310	Pass	View
Sodium Chlorate		130	310	Pass	View
Sodium Chloride		130	310	Pass	View
Sodium Chloride	Sat.	100	310	Pass	View
Sodium Chloride	Sat.	130	310	Pass	View
Sodium Chromate		100	310	Pass	View
Sodium Cyanide		120	310	Pass	View
Sodium Dichromate		100	310	Pass	View
Sodium Dichromate	10.00%	100	310	Pass	View
Sodium Floride		100	310	Pass	View
Sodium Formate	Sat.	100	310	Pass	View
Sodium Hydroxide	10.00%	130	310	Pass	View
Sodium Hydroxide	25.00%	75	310	Pass	View
Sodium Hydroxide	25.00%	120	310	Pass	View
Sodium Hydroxide	40.00%	130	310	Pass	View
Sodium Hydroxide	50.00%	75	310	Pass	View
Sodium Hydroxide	50.00%	100	310	Pass	View
Sodium Hydroxide	50.00%	120	310	Pass	View
Sodium Hydroxide	50.00%	130	310	Pass	View
Sodium Lauryl Sulfate		120	310	Pass	View
Sodium Lauryl Sulfate	20.00%	100	310	Pass	View
Sodium Oxylate		100	310	Pass	View
Sodium Perborate		100	310	Pass	View
Sodium Phosphate		100	310	Pass	View
Sodium Sulfate		120	310	Pass	View
Sodium Sulfate	15.00%	100	310	Pass	View
Sodium Sulfate	15.00%	130	310	Pass	View
Sodium Sulfide		100	310	Pass	View
Sodium Sulfide	22.00%	100	310	Pass	View
Sodium Sulfite		120	310	Pass	View
Sodium Thiocyanate		120	310	Pass	View
Sodium Thiosulfate, PH 6.5		120	310	Pass	View
Sodium Vinyl Sulfonate					

		100	310	Pass	View
Soybean Oil		100	310	Pass	View
Soybean Oil, Degumed		100	310	Pass	View
Stannic Chloride		100	310	Pass	View
Stannous Chloride		100	310	Pass	View
Sugar		130	310	Pass	View
Sulfite Liquor (Papar)		100	310	Pass	View
Sulfuric Acid	10.00%	75	310	Pass	View
Sulfuric Acid	10.00%	120	310	Pass	View
Sulfuric Acid	25.00%	100	310	Pass	View
Sulfuric Acid	30.00%	100	310	Pass	View
Sulfuric Acid	30.00%	130	310	Pass	View
Sulfuric Acid	50.00%	75	310	Pass	View
Sulfuric Acid	50.00%	120	***310***	Pass	View
Tall Oil		100	310	Pass	View
Tannic Acid		100	310	Pass	View
Tartaric Acid	10.00%	100	310	Pass	View
Tartaric Acid	10.00%	130	310	Pass	View
Terephthalic Acid	10.00%	100	310	Pass	View
Terephthalic Acid	10.00%	130	310	Pass	View
Toluenesulfonic Acid-(P)		75	***310***	Pass	View
Toluenesulfonic Acid-(P)		100	310	Pass	View
Tricresyl Phosphate		100	310	Pass	View
Tridecyl Alcohol		100	310	Pass	View
Trisodium Phosphate		75	310	Pass	View
Trisodium Phosphate		100	310	Pass	View
Trisodium Phosphate		120	310	Pass	View
Trisodium Polyphosphate	Dry	100	310	Pass	View
Trisodium Polyphosphate	Dry	130	310	Pass	View
Triton X-100, Rohm & Haas		130	310	Pass	View
Turpentine		100	310	Pass	View
Urea		100	310	Pass	View
Urea					

		120	310	Pass	View
Urea	Sat.	100	310	Pass	View
Water - DI		100	310	Pass	View
Water - DI		130	310	Pass	View
Water - Distilled		100	310	Pass	View
Water - Distilled		130	310	Pass	View
Water - Sea		100	310	Pass	View
Water - Sea W/ 1500 Ppm Sodium Hypochlorite		130	310	Pass	View
Water Demineralized		100	310	Pass	View
Water Demineralized		130	310	Pass	View
White Liquor		100	310	Pass	View
White Liquor		130	310	Pass	View
Wine		120	310	Pass	View
Wine, Porte		120	310	Pass	View
Xylene		75	310	Pass	View
Zinc Chloride		100	310	Pass	View
Zinc Chloride		120	310	Pass	View
Zinc Sulfate	10.00%	100	310	Pass	View
Zinc Sulfate	10.00%	130	310	Pass	View
Zinc Sulfate	Dry	100	310	Pass	View
Chemical / Trade Name	% Conc	Temp. F	Products w/ Partial Pass	Result	View
Hydrochloric Acid	10.00%	100	310	Partial	View
Hydrochloric Acid	10.00%	120	310	Partial	View
Hydrochloric Acid	20.00%	75	310	Partial	View

All data and recommendations made herein are based upon information that we believe to be reliable, but are made without any representation or guarantee or warranty of accuracy. Call Carboline Technical Service department to get a final tank lining recommendation.