

Dallas Specialty & Mfg Co

GREEN™ Chemical Coupling Chemical Resistance Chart

RATING KEYS: A=Fluid has little or no effect B=Fluid has minor or moderate effect C=Fluid has severe effect (WJB/CPRDP(CHEMTRIS)

Unless otherwise noted, concentration or aqueous solutions are saturated. All ratings are at room temperature unless specified.

* = Not for periods >90 days **=FREON is a registered trademark of E.I.du Pont de Nemours & Co

CHEMICAL	RATING	CHEMICAL	RATING	CHEMICAL	RATING	CHEMICAL	RATING
Acetic acid, 20%	A	Chlorosulfanic acid	B	Kerosene	C	Sea Water	A
Acetic acid, 30%	A	Citric acid solutions	A	Lacquer solvents	C	Sillcone grease	A
Acetic acid, glacial	A	Copper chloride solutions	A*	Lactic acid	A	SKYDROL 500	A
Acetic acid, glacial (100°F-38°C)	A	Copper sulfate solutions	A*	Linseed oil	B	Soap solutions	A
Acetic annydride	A	Cottonseed Oil	B	Lubricating oils	C	Sodium chloride solutions	A
Acetone	A	Cyclohexane	C	Magnesium chloride solutions	A	Sodium dichromate,20%	A
Acetylene	A	Dibutyl phthalate	A	Chloroform	C	Sodium hydroxide,20%	A
Aluminum chloride solutions	A	Diethyl sebacate	A	Magnesium hydroxide solutions	A	Sodium hydroxide 46-1/2%	A
Aluminum sulfate solutions	A	Dicotyl phthalate	B	JP-1	C	Sodium hypochlorite,5%(Bleach)	A
Ammanium chloride solutions	A	Epichlorohydrin	A	Mercuric chloride solutions	A	Zinc chloride solutions	A
Ammonium hydroxide solutions	A	Ethyl acetate	A	SAE #10 oil	C	Soybean oil	B
Amyl acetate	A	Ethyl alcohol	A	Mercury	A	Stannous chloride,15%	A
Amyl alcohol	A	Ethyl chloride	B	Methyl alcohol	A	Steam (212°F-100°C)	A
Aniline	A	Ethylene dichloride	C	Methyl ethyl ketone	A	Steam (230°F-110°C)	A
ASTM oil #1(300°F-149°C)	C	Ethylene glycol	A	Methylene chloride	C	Stearic acid	A
ASTM oil #3(300°F-149°C)	C	Ethylene oxide	A	Mineral Oil	B	Styrene	C
ASTM ref. fuel A (158°F-70°C)	B	Ferric chloride solutions	A	Naphtha	C	Sulfur,molten	B
ASTM ref. fuel B (158°F-70°C)	C	Fluosilicie acid	A	Naphthalene	B	Sulfur dioxide,liquid	A
ASTM ref. fuel C (158°F-70°C)	C	Formaldehyde. 40%	A	Nitric acid, 10%	A	Sulfur dioxide,gas	A
Asphalt	B	Formic acid	A	Nitric acid, 30%	A	Sulfuric acid, up to 50%	A
Barium hydroxide solutions	A	FREON-11**	C	Nitric acid, 80%	C	Sulfuric acid,50-80%	A
Beer	A	FREON-12**	C	Nitric acid, 70%	C	Sulfuric acid, 80%	A
Benzene	C	FREON-113**(130°F-55°C)	C	Nitric acid, red fuming	C	Sulfuric acid, 90%	A
Borax solutions	A	FREIN-114**	C	Nitrobenzene	A	Sulfuric acid, 95%	A
Boric acid solutions	A	Gasoline	C	Oleic acid	A	Sulfuric acid,fuming (20% oleum)	C
Butane	A	Glue	A	Oleum, 20-25%	C		
Butyl acetate	A	Glycerin	A	Palmitic acid	A	Sulfurous acid	A
Calcium chloride solutions	A	n-Hexane	C	Perchloroethylene	C	Tannic acid,10%	A
Calcium hypoxide solutions	A	Hydrazine	A	Phenol	B	Tartaric acid	A
Calcium hypochlorite. 5%	A	Hydrochloric acid, 20%	A	Pickling solution (20%nitric acid,4%HF)	A	Terrahydrofuran	B
Carbon disulfide	C	Hydrochloric acid, 37%	A	Pickling solution (17%nitric acid,4%HF)	A	Toluene	C
Carbon dioxide	A	Hydrocyanic acid	A	Potassium dichromate solutions	A	Trichloroethylene	C
Carbon Monoxide	A	Hydrofluoric acid, 48%	A			Triethanolamine	A
Carbon tetrachloride	C	Hdydrofluoric acid, 75%	A			Trisodium phosphate solutions	A
Castor Oil	B	Hydrofluoric acid,anhydrous	A				
Chlorine gas, dry	B	Hydrogen	A	Potassium hydroxide solutions	A	Tung Oil	B
Chlorine gas, wet	B	Hydrogen sulfide	A			Water (158°F-70°C)	A
Chloroacetic acid	A	Isooctane	C	Pydraul 312C	A	Water (212°F-100°C)	A
Chlorobenzene	C	Isopropyl alcohol	A	Pyridine	B	Xylene	C



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