

STRESS SAVER® Chemical Resistance Chart

Key:

- A = Recommended
- B = Depends on operating conditions
- C = Unsuitable
- = No data or insufficient evidence

Ratings are based on ambient temperature (70°F) unless otherwise specified.
For elevated temperature services, please consult Applications Engineering.

Medium	STRESS SAVER®		
	XP	370	6800
Abietic Acid	A	-	-
Acetaldehyde	C	A	A
Acetamide	A	A	A
Acetic Acid (Crude, Glacial, Pure)	C	B	C
Acetic Anhydride	C	A	B
Acetone	C	A	A
Acetonitrile	C	A	A
Acetophenone	C	A	A
2-Acetylaminofluorene	-	-	-
Acetylene	A	A	A
Acrolein	C	A	A
Acrylamide	-	-	-
Acrylic Acid	C	-	-
Acrylic Anhydride	-	-	-
Acrylonitrile	C	C	C
Air (<200°F)	A	A	A
Allyl Acetate	-	-	-
Allyl Chloride	-	B	C
Allyl Methacrylate	-	-	-
Aluminum Chloride	A	A	A
Aluminum Fluoride	A	A	A
Aluminum Hydroxide	A	A	A
Aluminum Nitrate	A	A	A
Aluminum Sulfate	A	A	A
Alums	A	A	A
4-Aminodiphenyl	-	-	-
Ammonia, Gas, 150°F and below	C	A	A
Gas, Above 150°F	C	A	B
Liquid, Anhydrous	C	A	A
Ammonium Chloride	A	A	A
Ammonium Hydroxide	A	A	A
Ammonium Nitrate	A	A	A
Ammonium Phosphate, Monobasic	A	A	A
Dibasic	A	A	A
Tribasic	A	A	A
Ammonium Sulfate	A	A	A
Amyl Acetate	C	A	A
Amyl Alcohol	A	A	A
Aniline, Aniline Oil	B	A	B
Aniline Dyes	A	A	B
o-Anisidine	-	A	-
Aqua Regia	A	B	C
Aroclors	A	B	C
Asphalt	A	B	C
Aviation Gasoline	-	B	C
Barium Chloride	A	A	A
Barium Hydroxide	A	A	A
Barium Sulfide	A	A	A
Baygon	-	-	-
Beer	A	A	A
Benzaldehyde	C	-	-
Benzene, Benzol	A	B	C
Benzidine	-	-	-
Benzoic Acid	A	B	C
Benzonitrile	-	-	-
Benzotrichloride	-	-	-
Benzoyl Chloride	A	B	C
Benzyl Alcohol	A	B	C
Benzyl Chloride	A	B	C
Biphenyl (Diphenyl)	A	B	C
Bis(2-chloroethyl)ether	-	-	-

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Bis(chloromethyl) ether	-	-	-
Bis(2-ethylhexyl) phthalate	-	-	-
Black Liquor	A	A	A
Blast Furnace Gas	A	B	C
Bleach (Sodium Hypochlorite)	A	A	B
Boiler Feed Water	-	A	A
Borax	A	A	A
Boric Acid	A	A	A
Brine (Sodium Chloride)	A	A	A
Bromine	A	B	C
Bromine Trifluoride	C	C	C
Bromoform	-	-	-
Bromomethane	A	B	C
Butadiene	A	B ¹	C
Butane	A	B	C
2-Butanone	-	A	A
Butyl Acetate	C	B	C
Butyl Alcohol, Butanol	A	A	B
n-Butyl Amine	C	B	C
tert-Butyl Amine	C	B	C
Butyl Methacrylate	C	-	-
Butyric Acid	B	A	B
Calcium Bisulfite	A	B	C
Calcium Chloride	A	A	A
Calcium Cyanamide	-	-	-
Calcium Hydroxide	A	A	A
Calcium Hypochlorite	A	A	A
Calcium Nitrate	A	A	A
Calflo AF	-	-	-
Calflo FG	-	-	-
Calflo HTF	-	-	-
Calflo LT	-	-	-
Cane Sugar Liquors	A	-	-
Caprolactam	C	-	-
Captan	-	-	-
Carbaryl	-	-	-
Carbolic Acid, Phenol	A	B	C
Carbon Dioxide, Dry	A	A	B
Wet	A	A	B
Carbon Disulfide	A	B	C
Carbon Monoxide	A	A	A
Carbon Tetrachloride	A	B	C
Carbonic Acid	A	A	A
Carbonyl Sulfide	-	-	-
Castor Oil	A	A	B
Catechol	-	-	-
Caustic Soda	B	A	A
Cetane (Hexadecane)	A	B	C
China Wood Oil	A	B	C
Chloramben	-	-	-
Chlorazotic Acid (Aqua Regia)	C	B	C
Chlordane	A	B	C
Chlorinated Solvents, Dry	A	B	C
Wet	A	B	C
Chlorine, Dry	A	B	C
Wet	A	B	C
Chlorine Dioxide	A	B	C
Chlorine Trifluoride	C	C	C
Chloroacetic Acid	C	A	B
2-Chloroacetophenone	-	-	-
Chloroazotic Acid (Aqua Regia)	-	B	C

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Check concentration of caustic

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	STRESS SAVER [®] 370	STRESS SAVER [®] 6800	
Chlorobenzene	A	B	C
Chlorobenzilate	-	-	-
Chloroethane	A	A	A
Chloroethylene	-	-	-
Chloroform	A	B	C
Chloromethyl Methyl Ether	-	-	-
Chloronitrous Acid (Aqua Regia)	C	B	C
Chloroprene	A	B	C
Chlorosulfonic Acid	C	B	C
Chrome Plating Solutions	A	B	C
Chromic Acid	A	B	C
Chromic Anhydride	-	-	-
Chromium Trioxide	-	-	-
Citric Acid	A	A	A
Coke Oven Gas	A	B	C
Copper Chloride	A	A	A
Copper Sulfate	A	A	A
Corn Oil	A	B	C
Cotton Seed Oil	A	B	C
Creosote	A	B	C
Cresols, Cresylic Acid	A	B	C
Crotonic Acid	A	-	-
Crude Oil	A	B	C
Cumene	A	B	C
Cyclohexane	A	B	C
Cyclohexanone	C	B	C
2,4-D, Salts and Esters	-	-	-
Detergent Solutions	A	A	A
Diazomethane	-	-	-
Dibenzofuran	-	-	-
Dibenzylether	A	B	C
1,2-Dibromo-3-chloropropane	-	-	-
Dibromoethane	-	-	-
Dibutyl Phthalate	A	A	A
Dibutyl Sebacate	A	A	B
o-Dichlorobenzene	A	B	C
1,4-Dichlorobenzene	A	B	C
3,3-Dichlorobenzidine	A	-	-
Dichloroethane (1,1 or 1,2)	A	B	C
1,1-Dichloroethylene	A	B ¹	C
Dichloroethyl Ether	-	-	-
Dichloromethane	A	B	C
1,2-Dichloropropane	A	B	C
1,3-Dichloropropene	A	B	C
Dichlorvos	-	-	-
Diesel Oil	A	B	C
Diethanolamine	-	A	A
N,N-Diethylaniline	C	A	A
Diethyl Carbonate	A	B	C
Diethyl Sulfate	-	A	A
3,3-Dimethoxybenzidine	-	-	-
Dimethylaminoazobenzene	-	-	-
N,N-Dimethyl Aniline	-	-	-
3,3-Dimethylbenzidine	-	-	-
Dimethyl Carbamoyl Chloride	-	-	-
Dimethyl Ether	C	A	B
Dimethylformamide	C	A	B
Dimethyl Hydrazine, Unsymmetrical	-	-	-
Dimethyl Phthalate	A	A	B
Dimethyl Sulfate	-	-	-
4,6-Dinitro-o-Cresol and Salts	-	-	-

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