

All Data Given for Room Temperature (72° F)

	Springs			Material							O Rings					
	Hastelloy	304 SS	316 SS	Nylon	Polypropylene	PVDF	HDPE	Acetal	Polysulfone	Polycarbonate	FKM	EPDM	KALREZ®	Buna-N	Silicone	Fluorosilicone
A- Recommended																
B-Minor to Moderate Effect																
C-Moderate to Sever Effect																
D- Not Recomendad																
Blank- No Data																
Acetic Acid	A	A	A		A	A	A	A	A	A	A	A	A	B	A	B
Acetic Anhydride (Acetyl Oxide)	A		A	A	A	A		D	D	D	B	B	A	C	A	D
Acetone (Dimethyl Keytone)	A	A	A	A	A	A	D	B	A	A	D	A	A	D	A	D
Acetonitrile (Methyl Cyanide)	B	A	A	A	A	A		D	D	D	D	A	A	C	A	D
Aluminum Sulfate (Aluminum Salt)	A		A	A	A	A	A	A	A	A	A	A	A	A	A	A
Amines (General)	A		A	D	A	D	B	D		D	D	A	A	D	A	D
Amonia Gas (Anhydrous)	A	A	A		A	A		D	C	D	D	A	A	A	A	
Ammonia (Aqueous) (Ammonium Hydrate)	A		A	A	A	A	A	D	A	D	A	A	A	A	A	D
Ammonium Acetate	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	
Ammonium Fluoride	A		A		A	A	A			D	A	A	A	A	A	
Ammonium Hydroxide (Ammonia, Aqueous)	A	A	A		A	A	A	A	A	C	A	A	A	A	A	
Ammonium Sulfate (Dolamin)	A	B	A	A	A	A	A	B	A	A	A	A	A	A	A	A
Aqua Regia (NitroHydrchloric Acid)	D	D	D		C	A	D	D	D	D	A	B	A	D	A	C
Benzene (Mineral Naphtha)(Benzol)	A	A	A	A	A	A	D	A	D	D	B	D	A	D	D	A
Butyl Acetate (N-Butyl Acetate)	A		A	A	D	A	B	A	D	D	D	B		D	D	D
Calcium Carbonate (Aglime)	B	A	A	A	A	A		A		C	A	A	A	A	A	A
Ceric Ammonium Nitrate (CAN)							A									
Chlorine (Anhydrous)(Dichlorine, Chlorinated Water)	A	A	A	C	D	A	C	D	D	D	C	B	A	C	D	

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Citric Acid	A		A	A	A	A	A	A	A	A	A	A	A	A	A	A
Copper Sulfate (Cupric Sulfate)	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A
Corn Oil	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A
Corn Syrup		A	A		A	A		A	A	A	A	A	A	A	A	
Cotton Seed Oil	A	A	A	B	A	A		A	D	D	D	B	B	D	D	A
Cyclohexanone (Cyclohexyl Ketone)					A	A	B				D		A	D	A	
Dichloroacetic Acid (DCA)					A	A	C				D		A	D	A	
Dichloromethane (Methylene Dichloride)	A		A		D	A		A	D	D	B	B	A	D	A	
Diesel Fuel				A	A	A	D									
Dimethyl Acetamide (DMAC)					A	D			D	D						
DI Water	A		A		A	A			A		A	A	A	A	A	
Ethyl Alcohol (Ethanol/Grain Alcohol)(Denatured Alcohol)	A	A	A		A	A		A	A	A	A	A	A	A	A	A
Ethylene Glycol (Glycol Alcohol)(Anti-Freeze)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Ethyl Acetate (Acetic Ether)	A	A	A	A	A	A	A	A	D	D	D	A	A	D	A	
Ether (Ethyl Ether) (Diethyl Oxide)	A	A	A	A	D	A	D	A	D	D	D	D	A	D	A	C
Formaldehyde		A					A				D	A			B	D
Formic Acid (Formylic Acid)	A	A	A	D	A	A	A	D	A	A	A	A	B	B	B	C
Gasoline (Petrol)	A	A	A	A	D	A	B	A	A	C	A	D	A	D	D	A
Glycerin (Glycerol)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Hexane (Dipropyl) (N-Hexane)	A	A	A	B	B	A	C	A	A	A	A	D	A	A	A	A

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HMDS (1,1,1,3,3,3-Hexamethyldisilazane)Bis (trimethsilyl)amine													A		A	
Honey	A		A	A	A	A			A	A	A	A		A	A	
Hydrobromic Acid (Hydrogen Bromide)	A	D	D		A	A		A	A	A	A	A	A	A	A	C
Hydrochloric Acid (Muriatic Acid)	A	D	D	D	A	A	D	A	A	A	A	A	A	A	A	
Hydrofluoric Acid	A	C	A		A	A	B	A	A	A	A	A	A	A	A	A
Hydrogen Peroxide	A	C	A	C	A	A	A	D	A	A	A	B	A	B	A	A
Iodine	A	C	A	A	A	A	B	A	D	D	A	A	A	A	A	A
Isopropyl Alcohol (IPA)(Isopropanol)	A	A	A		A	A		A	A	A	A	A	A	A	A	
Kerosene	A	A	A	A	A	A	B	A	A	A	A	D	A	A	D	A
Limonene/DL-Limonene (Orange Oil)	A		A		B	A		D	C	C	A			A	D	
Methyl Alcohol (Methanol)(Wood Alcohol)	A	A	A		A	A	A	A	A	A	B	A	A	A	A	A
Methylene Chloride	A	A	A		D	A	D	A	D	D	B	B	A	D	A	
Methyl Ethyl Keytone (MEK)	A		A	A	A	A	D	A	D	D	D	A	A	D	D	D
MINNCARE® Cold Sterilant(Hydr. Peroxide,	A		A		A	A			A	A	B	B	A	B	A	
N-Methyl 2-Pyrrolidone					A	D			D		D	D	A		A	
Nitric Acid (Hydrogen Nitrate)	A	A	A		A	A	D	D	A	A	A	A	A	D	A	D
Oil, Corn	A		A	A	B	A		A	A	A	A	D	A	A	A	A
Oil/Lubricants, General	A		A		D	A		A	A	A	A	D	A	A	D	
Oil, Mineral	A		A	A	D	A	A	A	A	A	A	D	A	A	B	A

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Sodium Chloride (Salt)	A		A	A	A	A	A	A	A	A	A	A	A	A		A
Sodium Hydroxide (Caustic Soda)	A		A	A	A	A	C	A	A	A	B	A	A	A	A	
Sodium Hypochlorite (Bleach) (5%)	A	D	D	D	B	A	C	D	A	A	A	A	A	D	A	
Soybean Oil	A	A	A	A	A	A		A		A	A	D	A	A	D	A
Steris® CIP 100 (Potassium Hydroxide & Citric)	A		A		A	A					A	A	A		A	
Steris® CIP 200 (Phosphoric Acid & Citric)	A		A		A	A		C	A	B	A	A	A	A	A	
Sulfuric Acid (Air-Free)(Better When Aerated)	A		A		A	A	B	A	A	A	A	A	A	A	A	
Tetrachloroethylene (PERC/PERK)	A		A		D	A	C	A	D	D	A	D	A	D	D	
Tetrahydrofuran (Tetramethylene Oxide)	A		A		C	C	C	A	D	D	D	D	A	D	A	
Tetramethyl Ammonium Hydroxide (TMAH)					A	A										
Thionyl Chloride (Sulfinyl Chloride)(Sulfurous)		D	D		D	D		A	D	D	A	D	A	D	A	
Toluene (Toluol)	A	A	A		D	A		A	D	D	A	D	A	D	A	
Trichloroacetic Acid (TCA)	A	D	D	C	A	A	C	D	B	A	D	B	A	D	A	D
Trichloroethylene (Ethylene Trichloride)(Triad)	B		A		D	A	D	A	D	D	D	B	A	D	A	
Xylene (Xylol)	A		A	A	C	A	D	A	D	D	A	D	A	D	A	A