

	A = RECOMMENDED			B = MINOR EFFECT			C = NOT SUITABLE			BLANK = NO INFORMATION				
CHEMICAL	316L SS	Aluminium	PVC	PEEK	PPS (Ryton)	PTFE (Teflon)	Ceramic	Tungsten carbide	Viton	EPR	Buna-N Nitrile	PVDF	Polypropylene	Comments / Applications
Acetaldehyde	A	B	C	A	A	B	A	A	C	A	C	B	B	
Acetate Solvents (Crude)	A	A	C	A	A		A		C	A	C		C	
Acetate Solvents (Pure)	A	A	C	A	A		A		C	A	C		C	
Acetic Acid (Aerated)	A	B	C	A	A	C	A	B	C		B		A	
Acetic Acid (Air Free)	A	B	C	A	A	C	A	B	C		B		A	
Acetic Acid (Crude)	A	B	C	A	A	C	A	B	C		C			
Acetic Acid (Pure)	A	B	C	A	A	C	A	B	C		C		A	
Acetic Acid (10%)	A	B	A	A	A	C	A	A	B	B	C	A	A	
Acetic Acid (50%)	A	B	B	A	A	C	A	B	C	A	C	A	A	
Acetic Acid (80%)	A	B	B	A	A	C	A	B	C	C	C	A	A	
Acetic Anhydride	A	B	C	A	A	C	A	A	C	B	C		A	
Acetone	A	A	C	A	A	A	A	A	C	A	C	B	B	
Acetone (50% Water)	A	B		A	A	A	A	A				B	B	
Acetonitrile	A	A		A		A	A					A	B	
Acetophenone	A	B		A	A	A	A					A		
Acetyl Chloride	A			A	A	C	A			C		C		
Acrylic Acid	A	A	C	A	A	A	A		C		C			
Acrylonitrile	B	A		A	A	A	A		C	C	C	B	B	
Alcohols, General	A		A	A	A	A	A	A	A		A		B	
Alcohol, Allyl	A	B	B	A	A	A	A	A					B	
Alcohol, Amyl	A	B	A	A	A	A	A	A	A	A	B	A	A	
Alcohol, Butyl	A	B	A	A	A	A	A	A	A	A	C		B	
Allyl Chloride		C	C	A	A	B	A	B				A		
Alum Ammonium	A	A	B	B		A	A							
Alum Ammonium Sulfate	A	A		A	A	A	A	C	C	A				
Alum Chrome	A	A	B											
Alum Potassium Sulphate (Alum)	A	A	B											10%
Aluminium Chloride (10%)	A	C	A	A	A	A	A	D	A	A	B	A	A	
Aluminium Fluoride (Sat.)	A	B	B	A		A	A			A		A	A	
Aluminium Hydroxide	A	B	B	A		A	A			A		A	A	
Aluminium Nitrate	A	B	B			A				B			A	
Aluminium Potassium Sulfate (10% Alum)	A	B	A	A		A	A		A	A			A	
Aluminium Potassium Sulfate (100% Alum)	A	B	A	A		A	A		A	A			B	
Aluminium Sulfate	B	C	A	A	A		A	D	A	A	A		A	
Amines	A	A	B	A*	A	A	A	A	C	A		B		*B @100 C
Ammonia, Anhydrous	A	A	B	A	A		A	B	C	A	B		A	
Ammonia, Aqueous	A	B	A	A	A	A	A	B	A	A	B	B	A	
Ammonia, Solutions	A	B		A	A	A	A	B	C	A	B	B	A	
Ammonium Acetate	A	B	B	A		A	A	B		A				
Ammonium Bicarbonate	A	B	A	A		A	A	B	A	A	B	A	A	
Ammonium Bifluoride	A		B			A	A	B					A	
Ammonium Bromide	A		B			A		B				A		
Ammonium Carbonate	A	B	A	A	A	A	A	B	A	A	C	A	A	
Ammonium Chloride	C	C	A	A	A	A	A	B	A	A	B	A	A	
Ammonium Citrate				A		A	A	B						
Ammonium Fluoride	C	C	B	A		A	A	B				A	A	
Ammonium Hydroxide (28%)	A	B	A	A	A	A	A	B	C	A	B	A	A	
Ammonium Hydroxide (Conc.)	A	B	A	A	A	A	A	B	C	A	B		A	
Ammonium Metaphosphate	A	B	B			A	A	B					A	
Ammonium Monophosphate	A					A	A	B	A		A	A	A	
Ammonium Nitrate	A	B	B	A	A	A	A	B	C	A	A	A	A	
Ammonium Oxalate	A		B	A		A		B						

Ammonium Persulfate	A	B	B	A		A	A	B		B		A		
Ammonium Phosphate (Dibasic)	A	C	A	A	A	A	A	B	B	A	A		A	
Ammonium Phosphate (Tribasic)	A	C	A		A	A	A	B	A		A		A	
Ammonium Sulfate	A	C	A	A	A	A	A	B	C	A	A	A	A	
Ammonium Sulfide	A	A	B	A	A	A	A	B		A		A		
Ammonium Sulfite	A			A		A	A	B		B				
Ammonium Thiocyanate	A	B		A		A	A	B						
Amyl Acetate	A	A	C	A	A	B	A	A	C	A	C	B	C	
Amyl Chloride	B	C	C	A		B	A	A		C			C	
Aniline	A	B	B	A*	A	A	A	A	B	A	C	B	B	*B @ 100 C
Aniline Dyes	A	B		A	A	A	A	A	B	C	B			
Aniline Hydrochloride	C	C	C			A								
Antimony Trichloride	C	C	A	A		A	A	D	A		B	A		
Apple Juice	A	C		A	A	A	A	A	A	B	A		A	Fruit Juice & Food Mfg.
Aqua Regia	C	C	C	C		B	C			C		B	B*	to 25 deg. C
Arsenic Acid	A	C	B			A			A	B	A		A	
Asphalt Emulsion	A	B	C	A	A	A	A		A	C	B		A	
Asphalt Liquid	A	B	C	A	A	A	A		B	C	B		A	
Barium Carbonate	A	C	A	A	A	A	A	B	A	A	A		A	
Barium Chloride	A	C	A	A	A	A	A	C	A	A	A		A	
Barium Hydroxide	A	C	A	A	A		A	B	A	A	A	A	A	
Barium Nitrate	A		B	A			A							
Barium Sulfate	A	B	A	A	A		B	B	A	A	A	A	A	
Barium Sulfide	A	C	A	A	A		A	B	A	A	A		A	
Beer	A	A	A	A	A	A	A	A	A	A	A		B*	to 25 deg. C
Beet Sugar Liquors	A	A	A	A	A	A	A	A	A	A	A		A	
Benzene (Benzol)	A	A	B	A	A	C	A	A	B	C	C	A	B*	to 25 deg. C
Benzaldehyde	A	B	C	A	A	A	A	A	C	A	C	A	B*	to 50 deg. C
Benzene Sulfonic Acid, 10%	A	C	B			A	A	A						
Benzonic Acid	A	B	A	A		A	A	B	A	C	A	A	B*	to 25 deg. C
Benzyl Alcohol	A	B		A	A	A	A	A	A	A		A	A	
Benzyl Chloride	B	C		A*	A	B	A					A		*B @ 50C
Black Sulfate Liquors		C	A				A		A		B			
Bleach, 12.5% Chlorine	C	C	B				A						B*	to 50 deg. C
Borax	A	C	A	A		A	A		A	A	B	A	A	
Boric Acid	A	B	A	A	A	A	A	B	A	A	A	A	A	
Brake Fluid	A	A		A	A	A	A	A	C	B	C			
Brines, Acid	B	C	A	A	A	A	A	A	A	A	A			
Bromine (Wet)	C	B	C	A	B	B	A		A		C	A	C	
Bunker Oils (Fuel Oils)	A	B	A	A	A	B	A	A	A		A		B	
Butadiene	A	B	A	A	A	B	A	A	A	C	C	A		
Butane	A	B	A	A	A	B	A	A	A	C	A	A	B*	to 25 deg. C
Butyl Acetate	B	A	B	A	A	A	A	A	C	A	C	A	B*	to 25 deg. C
Butyl Alcohol	A	A	A	A	A	A	A	A	B		B	A	B	
Butylamine	A	B	C	A*	B	A	A	A	A		C			*B @ 80C
Butyl Bromide				A		A	A							
Butyl Carbitol	A	A		A		A	A	A	C		C			
Butyl Cellosolve	A	A		A		A	A	A	C		C			
Butyl Chloride	B	B				A	A							
Butylene (Butadiene)	A	B	B	A	A		A	A	A	C	C			
Buttermilk	A	A	A	A	A	A		A	A	A	A			
Butyric Acid	A	B	C	A		A	C		C	A	B	A	A	
Calcium Bisulfate	A	C				A		B		C				
Calcium Bisulfide	B		B			A	A	B					A	
Calcium Bisulfite	A	C	A			A	A	B	A		A		A	
Calcium Bromide						A	A							
Calcium Carbonate	A	B	A	A		A	A		A	B	A	A	A	
Calcium Chlorate	A	B	B	A		A				B				
Calcium Chloride	B	B	A	A	A	A	A	B	A	A	A	A	A	

Calcium Fluoride	A	B		A		A	A	B						
Calcium Hydroxide	A	C	A	A	A		A	B	A	A	A		A	
Calcium Hypochlorite	B*	C	A	A	C	A	A	C	A	A	B	A	A	* ambient
Calcium Nitrate	A	B	B	A	A	A	A	B	A	A				
Calcium Oxide	A	B	B	A		A	A	B						
Calcium Sulfate	A	B	A	A	A	A	A	B	A	A	A		A	
Cane Sugar Liquors	A	A	B	A	A	A	A	A		B			B*	to 50 deg. C
Caprylic Acid	A	B		A		A		B	A	B				
Carbolic Acid (Phenol)	A	B	C	C	A	A		A	A	A	C		B	
Carbon Bisulfide (Disulfide)	A	A	C	A	A	B	A	A	A	C	C	A	B*	to 50 deg. C
Carbon Dioxide (Wet)	A	A	A	A	A	A	A	A	A		B	A		
Carbon Dioxide (Dry)	A	A	A	A	A	A	A	A	A	A	A	A		
Carbon Disulfide (Bisulfide)	A	A	B	A	A	B	A	B	A	C	C	A	B*	to 50 deg. C
Carbonic Acid	B	A	A	A		A	A	A	A	A	A		A	
Carbon Tetrachloride (Dry)	A	C	B	A	A	B	A	A	A	C	C	A	B*	to 25 deg. C
Carbon Tetrachloride (Wet)	A	C	B	A	B	B	A	A	B	C	C	A	B*	to 25 deg. C
Carbonated Water	A	C		A	A	A	A	A	A	A	A		A	
Castor Oil	A	B	A	A	A	A	A	A	A	A	A			
Caustic Potash (Sodium Hydroxide)	A	C	A	A	A	A	A	C	B		C		A	
Cellulube	A	A		A	A	A	A	A	C		C			
Cellusolves	A	B	C	A		A		A	C	A				
China Wood Oil (Tung)	A	A	C	A	A	A	A	A	A		A			
Chloroacetic Acid	C	C	A	A	A	A	A	B	C		C		B*	to 50 deg. C
Chloral Hydrate			B	A		A	A							
Chloric Acid	C		B			A	A							
Chlorinated Solvents (Dry)	B	C			C	A	A	A	A	C	C			
Chlorine Dioxide	C	B		C		A	A	C						
Chlorine Liquid			C	C		B	A	C				A	C	
Chlorobenzene (Dry)	A	B	C	A	A	B	A	A	A	C	C	A	C	
Chlorobromo Methane	A	B		A			A		B		C			
Chloroform (Dry)	A	B	C	A	A	B	A		B	C	C	A	C	
Chlorosulphonic Acid (Dry)	C	B	C	A	C	A	A	C	C	C	C	A	C	
Chlorosulphonic Acid (Wet)	C	B	C	A	C	A	B	C	C	C	C	A	C	
Chrome Alum	A	C	A	A		A	A	C	A	B	B			
Chromic Acid	B	B	B	A*	C	A	A	C	A	C	C	A	A	*B @ 60C
Chromyl Chloride	A	B		A		A		C				A		
Citrus Juices	A	B	B	A	A	A	A	C	A	A	A	A	B	
Coconut Oil	A	B	A	A	A	A	A	A	A	A	A		A	
Coffee Extracts (Hot)	A	A		A	A	A	A	A	A				A	
Cooking Oil	A	B	A	A	A	A	A	A	A	C	A			
Copper Acetate	A	B	A	A		A	A	B	A	B				
Copper Carbonate	A	C	B	A		A	A	B						
Copper Chloride	C	C	A	A		A	A	C	A		B		A	
Copper Cyanide	A	C	B	A		A	A			B			A	
Copper Fluoride			B	A		B		A						
Copper Nitrate	A	C	A	A	A	A	A	C	A	B	A		A	
Copper Sulfate	A	C	A	A	A	A	A	B	A	A	A	A	A	
Corn Oil	A	B	A	A	A	A	A	A	A	C	A		A	
Cottonseed Oil	A	B	A	A	A	A	A	A	A	C	A		A	
Creosote Oil	A	B	C	A	A	A	A	A	B		C		B*	to 25 deg. C
Cresol	A	B	B	C	A	A	A	A	C	C		A	B*	to 25 deg. C
Cresylic Acid	A	B	C	A		A	A	B	A	C	C			
Crotan Aldehyde	A	B	C	A		A								
Crude Oil (Sweet) - 0.2~0.5% sulphur	A	A	B	A	A	A	A	A	A	C	A	A		
Crude Oil (Sour) - 0.5~2.5% sulphur	A	C	A	A	A	A	A	B	A	C	A	A		
Cyclohexane	A	B	C	A	A	A	A	A	A	C	B	A	C	
Cyclohexanol	A	C	C	A	A	A	A	A				A		
Cyclohexanone	A	B	C	A	A	A		A	C	A		B		
Detergents	A	C		A	A	A	A	A		B			A	

Detergent Solution	A	A	A	A	A	A	A	A	A		B	A	A	
Dextrin				A		A				B				
Diacetone Alcohol	A	A	B	A*		A	A	C		C				*B @ 75C
Dichloroacetic Acid				A*		A					A			*B @ 100C
Dichlorobenzene			C	A*		B	A	A	B			A		*B @ 100C
Dichloroethane	A	B	C	A		A		A		C				
Dichloroethylene	A	B		A	A	B			A					
Diesel Fuels	A	A	A	A	A	B	A	A	A	C	A	A	C	
Diethylamine	A	B	C	A		A	A		C	A	B		C	
Diethyl Ether	A	B	C	A		A	A	A	B					
Dimethyl Formahide	A		C	A	A	A	A	A	A	A		B		
Diocetyl Phthalate	A	A	C	A	A	B	A		A	A	B			
Dioxane		B		A	A	A	A		C	A		B		
Disodium Phosphate			A			A								
Dowtherms (Diphenyl)	A	B	C	A			A	A	A	C	C			
Dry Cleaning Fluids	A	A		A	A	A	A	A	B		C			
Epichlorhydrin	A	B	C	A	A	A	A		C		C	B		
Epsom Salt	A	A	A	A		A	A		A		A		A	
Esters (General)	A	B		A		A	A	A						
Ethane	B	B	C	A	A	A	A	A	A	C	A			
Ethanolamine	A	A	C	A	A	A	A		C	C	B			
Ethers	A	B	C	A	A	B	A	A	B	B	B	A	B*	to 50 deg. C
Ethyl Actate	A	A	C	A	A	A	A	A	C	A	C	B	B*	to 25 deg. C
Ethyl Acetoacetate	A	B		A	A		A	A	C					
Ethyl Acrylate	A	B	C	A	A	A	A	A	C	C	C			
Ethyl Alcohol	A	A	A	A	A	A	A	A	A		A	A		
Ethyl Chloride (Dry)	A	B	C	A*	A	A	A	B	A	A	B		B ¹	*B @ 60C, B ¹ to 25 deg.C
Ethyl Chloride (Wet)	B	C	C	A	A	A	A	C	A	A	B		C	
Ethyl Ether	A	B	C	A	A	A	A	A	B	C	C		B*	to 50 deg. C
Ethylene Bromide	A	B	C	A		A	A	A	B		C			
Ethylene Chloride	B	B	C	A		A	A	C	A		C		B*	to 25 deg. C
Ethylene Chlorohydrin	A	B		A	A	A	A	B	A	A	C			
Ethylene Diamine	A	B		A	B	A	A	A	C	A	A	B		
Ethylene Dichloride (Dichlorethane)	B	B	C	A	A	A	A	B	A	C	C		A	
Ethylene Glycol	A	A	A	A	A	A	A	A	A	A	A		A	
Ethylene Oxide	A	A	C	A	A	B	A	A	C	C	C	A		
Fatty Acids	A	A	A	A	A	A	A	B	A	B	B	A	A	
Ferric Chloride	C	C	B	A	A	A	A	C	A	C	A	A	A	
Ferric Chloride, 50% in Water	C	C		A	A	A	A	C				A	A	
Ferric Hydroxide	A		A	A		A	A		A		A			
Ferric Nitrate, 10%-50%	A	C	B			A	A		B		B		A	
Ferric Nitrate	A	C	A			A	A		A	A	A		A	
Ferric Sulfate	A	C	A	A	A	A	A	C	A	A	A		A	
Ferrous Chloride	C	C	A	A*	A	A	A	C	A	A	A		A	*B @ 100C
Ferrous Nitrate			A			A	A		A		A			
Ferrous Sulfate	B	B	A	A	A	A	A	C	A	A	A		A	
Ferrous Sulfate (Sat)	B	B	A	A	A	A	A	C	A	B	B		A	
Fertilizer Solutions	A	B		A	A	A	A	A		A	B		A	
Fish Oils	A	B	B	A	A	A	A	A	A	C	A			
Fluorine (Dry)	C		C	C		B	A		A			B		
Fluoboric Acid	A	C	A	A		A	C		A		B		A	
Fluosilicic Acid	A	C	B	A		A	C		A	C	A	A	A	
Food Fluids & Pastes	A	A		A	A	A	A				B		A	
Formaldehyde, 50% Solution	A	B		A	A	A	A	B	C		C		A	
Formaldehyde, 37% Solution	A	B	A	A	A	A	A	B	C	A	B		A	
Formaldehyde, 35% Solution	A	B	B	A	A	A	A	B	C		B	A	A	
Formaldehyde (Cold)	A	B	A	A	A	A	A	B	C	B	B		A	
Formaldehyde (Hot)	A	B	B	A	A	A	A	B	C		B		A	
Formic Acid (Anhydrous)	A	A	B	A	A	A	A	B		A			A	

Formic Acid < 50%	A	B		A	A	A	A	B			A	A	
Formic Acid > 90%	A	B	A	B	A	A	A	B	C		C	A	A
Formic Acid (Hot)	A	B	B	B	A	A	A	C	C		C	A	A
Freon 12, 13, 32, 114, 115	A*	B	A	A	A	A	A	A	B	A	B		
Freon 21, 31	A	B		A		A	A	A	C	C	C		
Freon 22	A	B	C	A		A	A	A	C	A	C		
Freon 113, TF	A	B	A	A		A	A	A	B	C	B		C
Freon (Dry)	A	B	B	A		A	A	A	B	C	B		
Fructose			A	A			A	A	A		A		A
Fruit Juices	A	B	A	A	A	A	A	A	A	A	A	A	A
Fuel Oil	A	B	A	A	A	A	A	A	A	A	C		B
Furfural	A	B	C	A		A	A	B	C	C	A	B	
Gallic Acid	A	B	A	A	A		A	B	A	A	A		
Gasoline (Leaded)	A	B	A	A	A	A	A	A	B		B		B
Gasoline (Unleaded)	A	B	B	A	A	A	A	A	B		B		B
Gasoline (Aviation)	A	A		A	A	A	A	A	A		B		B
Gasoline (Refined)	A	B		A	A	A	A	A		C			B
Gasoline (Sour)	A	C	A	A	A	A	A	B	A	C	B		B
Gasoline (Motor)	A	A	A	A	A	A	A	A	A	C	B		B
Gelatin	A	C	A	A	A	A	A	A	A	A	A		A
Gin	A		A	A	A	A	A	A	A		A		A
Glucose	A	B	A	A	A	A	A	A	A	A	A	A	A
Glue	A	B	B	A	A	A	A	A	A	B	A		
Glycerin or Glycerol	A	A	A	A	A	A	A	A	A	A	A	A	A
Glycolic Acid	A	B		A	A	A	A	B	A		A	A	A
Glycols	A	B	A	A	A	A	A	A	A	A	B		A
Grease	A	A		A	A	A	A	A	A	C	A		
Green Liquor Sulfate	A	C		A		A			B		B		A
Heptane	A	B	A	A	A	A	A	A	A	C	A	A	C
Hexane	A	B	A	A	A	A	A	A	A	C	A	A	B
Hexanol, Tertiary	A	B	B	A		A	A	A		C	B		
Hexyl Alcohol	A	A	A	A	A	A		A	A	C	C		A
Hydraulic Oil (Petroleum Base)	A	A	C	A	A	A	A	A	A	C	A		C
Hydrobromic Acid	C	C	A	C	A	A	C	C	A		C		B
Hydrobromic Acid, 50%	C	C	A	B*	A	A	C	C	A	A	B	A	B * ambient
Hydrobromic Acid, 20%	C	C	A	B*	A	A	C	C	A		B	A	A * ambient
Hydrobromic Acid, Dilute	C	C		A	A	A	C	C					A
Hydrochloric Acid, 100%	C	C	A	A*	C	A	C	B	C	B			A
Hydrochloric Acid, 50%	C	C	A	A*	C	A	C	B	B	B			A Use PVC meter body, PTFE piston
Hydrochloric Acid, 38%	C	C	A	A*	C	A	C	B	A	B	B	A	A and O-ring, PEEK partition and
Hydrochloric Acid, 35%	C	C	A	A	C	A	C	B	A	B	B	A	A PEEK manifold centre pin
Hydrochloric Acid, 20%	C	C	A	A	C	A	A	B	A	B		A	A and PEEK BG bearing
Hydrochloric Acid, Dilute	C	C		A	C	A	A	B	A	B		A	A Eg. model MP025P393.41
Hydrochloric Acid (Air Free)	C	C	A	A	C	A	C	B	A	B	B		
Hydrocyanic Acid, 10%	A	B			A		A	C					A
Hydrocyanic Acid	A	B	A		A		A	C	A	A	B		A
Hydrofluoric Acid (Undiluted)	C	C	C	C	A	B	C	C	A		C		
Hydrofluoric Acid, 70%	C	C	C	C	A	A	C	C	B				B
Hydrofluoric Acid, 50%	C	C	C	C	A	A	C	C	A		C	A	B
Hydrofluoric Acid, 40%	C	C	C	C	A	A	C	C	A				B
Hydrofluoric Acid, 30%	C	C	C	C	A	A	C	C	A		C		B
Hydrofluoric Acid, Dilute	C	C	B	B*	A	A	C	C	A		C	A	A *to 5%
Hydrogen Cyanide	A	A		A		A							
Hydrogen Fluoride	A	B		A		A							
Hydrogen Iodine	B	C		A		A						A	
Hydrogen Peroxide (Dilute)	A	A	B	A	A	A	A	A	A	B	A	A	Treat stainless with passivating
Hydrogen Peroxide (Conc.)	A	A	C	A	A	A	A	A	A	B	C	A	A gel - "pickling gel" containing 5%
Hydrogen Peroxide, 90%	A	A		A	A	A	A	A	A		C		A Hydrofluoric acid and 22% nitric
Hydrogen Peroxide, 50%	A	A	B	A	A	A	A	A	A		C	A	A acid to avoid 'off gasing' pressure

Hydrogen Peroxide, 30%	A	A		A	A	A	A	A	A	A		B	A	build up within the pipeline.
Hydrogen Sulfide (Dry)	A	B	A	A	A	A	A	C	C	A	B	A		
Hydrogen Sulfide (Wet)	A	B	A	A	A	A	A	C	C	A	C	A		
Hydrogen Sulphide, Aq.Sol.	A		A	A	A	A	A	C	C	A	A		A	
Hydrofluorosilicic Acid	C	C	A	A		A	C		A		B		A	
Hydroquinone	A	B	A	A		A	A		A		A			
Hypo (Sodium Thiosulfate)	A	B	A	A		A	A		A	A	A		A	
Hypochlorites, Sodium	C	B	A	A	A	A	A		C		B		B*	to 50 deg. C
Ink	A	C		A	A	A	A	A	A	B	A			
Iodine (wet)	C	A	B	B		A	A		B		B		C	
Iodine Solution	C			B		A	A					A	C	
Iodine Solution, 10%	C		A	B		A	A						C	
Iodine in Alcohol	A					A	A						B	
Iodoform	A	B		A		A			B			A		
Iso-octane	A	A		A			A		A	C	A			
Isopropyl Alcohol	A	B	A	A		A	A		A		B	A	A	
Isopropyl Ether	A	A		A		B	A		C	C	B	A	B*	to 25 deg. C
JP-4 Fuel	A	B	A	A	A	A	A	A	A	C	A		C	
JP-5 Fuel	A	B	A	A	A	A	A	A	A	C	A		C	
JP-6 Fuel	A	A	A	A	A	A	A	A	A	C	A		C	
Kerosene	A	A	A	A	A	A	A	A	A	C	A	A	B*	to 25 deg. C
Ketchup (Tomato Sauce)	A	A		A	A	A	A	A	A		A		A	
Ketones	A	B	C	A	A	A	A	A	C	A	C		C	
Laquers & Solvents	A	A	B	A	A	A	A	A	B	C	B		A	
Lactic Acid (Dilute, Cold)	A	B	A	A	A	A	A	B	A	B	B		A	
Lactic Acid (Dilute, Hot)	A	B	B	A	A	A	A	B	A		B		A	
Lactic Acid (Conc.,Cold)	A	B	A	A	A	A	A	B	A	B	B	B	A	
Lactic Acid (Conc.,Hot)	A	B	B	A	A	A	A	B	A	B	B	A	A	
Lactic Acid 80%	A	B	B	A	A	A	A	B	A		B		A	
Lactic Acid 25%	A	B	B	A	A	A	A	B	A		B	A	A	
Lactic Acid 10%	A	B		A	A	A	A	B				A	A	
Lactic Acid 5%	A	B		A	A	A	A	B				B	A	
Lard Oil	A	B	A	A	A	A	A	A	A	B	A		A	
Lauric Acid	A	B	B	A	A	A		B	A					
Lead Actate	A	C	A	A		A	A		C	B	B	A	A	
Lead Chloride	A	C	A			A			A		A			
Lead Sulphate	A	C	A	A		A			A	B	A			
Lime Sulfur	A	C	B	A		A	A		B		C			
Linoleic Acid	A	B	B	A	A	A	A	B	A	C	B			
Linseed Oil	A	B	A	A	A	A	A	A	A	C	A		A	
Lithium Bromide	A		A	A		A	A		A		A	A		
LPG	A	A		A	A		A	A	A	C	A			
Lubricating Oil	A	B	A	A	A	A	A	A	A	C	A		B	
Machine Oil	A	B		A	A	A	A	A			B		B	
Magnesium Bisulfate	A	B	A	A		A	A	A		B				
Magnesium Carbonate	A		A	A		A	A	A	A	B	A		A	
Magnesium Chloride	B	C	A	B	A	A	A	B	A	A	A	A	A	
Magnesium Citrate			A				A	A	A		A			
Magnesium Hydroxide (Cold)	A	B	A	A	A	A	A	B	A	A	B	A	A	
Magnesium Hydroxide (Hot)	A	B	A	B		A	A	B	A	A	B	A	A	
Magnesium Nitrate	A	B	A	A	A	A	A	B	A	A	B		A	
Magnesium Sulfate	A	B	A	A	A	A	A	B	A	A	A		A	
Maleic Acid	A	B	A	A	A	A	A	B	A	C	C	A	C	
Malic Acid	A	B	A	A		A	A	B	A		A			
Mayonaise	A	C		A	A	A	A	A	A		A		A	
Mercuric Chloride	C	C	A	A		A	A	C	A	A	A		A	
Mercuric Cyanide	A	C	A			A	A		A	A	B		A	
Mercuric Nitrate	A	C	B	A		A	A		B			A		
Mercurous Nitrate	A	C	B	A		A	A		A		A			

Mercury	A	C	A	A		A	A		A	A	A	A	
Methyl Acetate	A	B	C	A	A	A	A	A	C	B	C		
Methyl Acetone	A	A	C	A	A	A	A	A	C	A	C		
Methyl Alcohol (Methanol)	A	B	A	A	A	A	A	A	B		A	A	
Methylamine	A	B	C	A	A	A	A	A		B			
Methyl Bromide	A	C		A		B	A			C	C	A	
Methyl Cellosolve	A	B	B	A	A	A	A	A	C	A	C		A
Methyl Chloride	A	C	C	A		B	A	B	C	C	B	A	C
Methyl Chloroform								A	B		C		
Methyl Ethyl Ketone (MEK)	A	B	C	A	A	C	A	A	C	B	C	B	A
Methyl Formate	A	B		A		A	A		C	B	C		
Methyl Isobutyl Carbinol	A		C	A	A	A	A		A		A	A	
Methyl Isobutyl Keytone (MIK)	A	B	C	A		A	A		C		C		B* to 25 deg. C
Methyl Methacrylate	A	B	C	A	A	A	A		C		C		
Methyl Salicylate		B	B		A	A	A				C		
Methyl Sulfate			C			A	A						
Methyl Sulfuric Acid	B		B			A	A						
Methylene Chloride	B	B	C	A		A	A	B	C	C	C		C
Milk	A	B	B	A		A	A	A	A	A	A		A
Mineral Oil	A	B	B	A	A	A	A	A	A	C	A	A	B
Mineral Spirits	A	A		A	A	A	A	A	A	C	A		
Molasses (Edible)	A	B	A	A	A	A	A	A	A	A	A		A
Molasses (Crude)	A	B	A	A	A	A	A	A	A	A	A		A
Monochlorobenze	A	B		A	A	A	A	A	A	C	C		
Monoethanolamine	A	B		A	A	A	A	A	C	A	A		
Morpholine	A			A	A	A	A			B		A	
Motor Oil	A	A		A	A	A	A	A	A		A		
Muriatic Acid (hydrochloric acid)	C	C	C		C			C	A	C	B		
Mustard	A	B		A	A	A	A	A	A		A		A
Naptha	A	C	A	A	A	A	A	A	A	C	B	A	A
Napthalene	A	B	B	A	A	A	A	A	A	C	C	A	
Nickle Ammonium Sulfate	A	C		A		A	A	C	A	A	A		
Nickle Chloride	B	C	A			A	A	C	A	A	A		A
Nickle Nitrate	A	C		A		A	A		A	A	A		
Nickle Salt	B	C		A		A	A	C				A	
Nickel Sulfate	B	C	A	A		A	A	C	A	A	A		A
Nitric Acid Fuming (Red)	A*	A				A	A	C					C *C @ 50C
Nitric Acid 5%	A	C		A*	A	A	A	C				A	A *B @ 90C
Nitric Acid 10%	A	C	A	A*	B	A	A	C	A	C	C	A	A *B @ 80C
Nitric Acid 20%	A	C		A*	C	A	A	C				A	A *B @ 70C
Nitric Acid 30%	A	C	B	A*	C	A	A	C	A	C	B	A	B *B @ 60C
Nitric Acid 40%	A	C		B*	C	A	A	C	A			A	C *C @110C
Nitric Acid 50%	A	C	B	B*	C	A	A	C	A	C	C	A	C *C @100C
Nitric Acid 70%	A	C	B	B*	C	A	A	C	A	C	C	A	C *C @ 60C
Nitric Acid 80%	A	C	B	B*	C	A	A	C	A	C	C	A	C *C @ 50C
Nitric Acid 100%	A	C	C	B*	C	A	A	C	A	C	C	B	C *C @ 50C
Nitric Acid (Anhydrous)	A	C	C	C	C	A	A	C	C	C	C		C
Nitric Acid-Sulfuric Acid 50/50	A	C			C	A	A	C					C
Nitrobenzene	A	A	C	A*	A	C	A	A	A	C	C	A	B ¹ *B @ 80C, B ¹ to 25 deg.C
Nitrogen	A	A	A	A	A	A	A	A	A	B	A		
Nitrogen Dioxide				A		A	A	A	C			A	
Nitromethane	A	B		A	A	A	A				C	A	
Nitrous Acid	A	C				A	A	C					
Nitrous Acid 10%	A	C		A		A	A	C	A		B		
Nitrous Acid 5%	A	C		A		A	A	C					
Nitrous Oxide	A	B	A	A		A	A		B		B		
Octane	A			A	A	A	A	A	A				
Oils (Animal)	A	B	B	A	A	A	A	A	A	B	A		A
Oil (Cottonseed)	A	B	A	A	A	A	A	A	A		A		A

Oil (Fish)	A	B		A	A	A	A	A		A			
Oils (Fuel)	A	A	A	A	A	A	A	A	A	A		B	
Oils (Lube)	A	A	A	A	A	A	A	A	A	C	A		B
Oils (Mineral)	A	B	B	A	A	A	A	A	A	C	A		B
Oil (Petroleum-Refined)	A	B	A	A	A	A	A	A	A	C	A		B
Oil (Petroleum-Sour)	A	C	A	A	A	A	A	A	A	C	A		B
Oils & Fats	A	B	B	A	A	A	A	A		C	B		B
Oil (Vegetable)	A		A	A	A	A	A	A	A		A		A
Oil - Water Mixtures	A	B		A	A	A	A	A	A	C	A		A
Oleic Acid	A	B	A	A		A	A		C	C	B	A	B
Oleum (Fuming Sulphuric Acid 103%)	B		C	C	C	A	A		C	C	C	C	C
Olive Oil	A	A	A	A	A	A	A	A	A	B	A		A
Oxalic Acid	C	B	A	A	A	A	A	B	A	B	B	A	A
Oxalic Acid 50%	A	B	A	A	A	A	A	B	B		B	A	A
Oxalic Acid 10%	A	B	B	A	A	A	A	B	B		C	A	A
Oxalic Acid 5%	A	B	B	A		A	A	B	B		C		A
Ozone (Wet)	A	B	B	A		B			A	B	C	A	
Ozone (Dry)	A	B	B	A		A			A	A	C		
Paints & Solvents	A	A		A	A	A	A	A	C	C	C		A
Palmitic Acid	A	B		A		A	A	B	A	B	B	A	
Palmitic Acid 70%	A	B	C	A		A	A	B	A		A		
Palmitic Acid 10%	A	B	B	A		A	A	B	A		A		
Palm Oil	A	A		A	A	A	A	A	A	C	B		
Paraffin	A	B	A	A	A	A	A	A	B	C	A		A
Peracetic Acid 40%	A	B	C	A		A	A						
Paraformaldehyde	A	B		A		A	A			C	B		
Pentane	A	B		A		A	A	A	A	C	A		
Perchloroethylene (Dry)	A	B		A	A	A	A		A	C	C		B* to 25 deg. C
Perchloric Acid 70%	C	C		A		A		B	B		C		
Perchloric Acid 10%	C	C	A	A		A		B	A		C	A	
Petrolatum (Vaseline)	A	B	A	A	A	A	A	A	B		B		
Petroleum Oil (High Aniline)	A		A	A	A	A	A	A	A		A		A
Petroleum Oil (Low Aniline)	A	B	A	A	A	A	A	A	A		B		A
Petroleum Oil (Refined)	A	B	A	A	A	A	A	A	A		B		B
Petroleum Oil (Crude)	A	A	A	A	A	A	A	A	A		B		B
Petroleum Oil (Sour)	A	C	C	A	A	A	A	B	B		B		
Phenol (Carbolic Acid)	A	A	A	C	A	A	A	A	B	C	C	A	B
Phenol 10%	A	A		A*	A	A	A	A	B		C	A	B *B @ 100C
Phosphoric Acid (10% Cold)	A	B	A	A	A	A	A	C	A	B	B	A	A
Phosphoric Acid (10% Hot)	A	B	A	A	A	A	A	C	A		B		A
Phosphoric Acid (50% Cold)	A	C	A	A	A	A	A	C	A	B	B	A	A
Phosphoric Acid (50% Hot)	A	C	A	A	A	A	A	C	A	B	B		A
Phosphoric Acid (85% Cold)	A	C	A	A	A	A	A	C	A		B	A	A
Phosphoric Acid (85% Hot)	A	C	A	A	A	A	A	C	A		B	A	A
Phosphoric Acid 85%-50%	A	C	B	A	A	A	A	C	B		C		A
Phosphoric Acid 50%-25%	A	C	B	A	A	A	A	C	B		C		A
Phosphoric Acid 10%	A	B	A	A	A	A	A	C	A		A		A
Phosphorus Oxychloride	C	B											
Phosphorus Pentoxide	A	B	A			A							
Phosphorus, Trichloride			C	A	A	A			B	B	C	A	
Photographic Solutions	A		B	A		A	A		B		B		A
Phthalic Acid	A	B	C	A		A		B	A		B	A	
Phthalic Anhydride	A	A		A	A	A		A	A		B		
Picric Acid	A	B	A	A	A	A			B	B	B	A	
Pine Oil	A	A		A	A	A	A	A	A	C	B		
Pineapple Juice	A	A		A	A	A	A	B	A		A		A
Polyvinyl Acetate (PVA Glue)	A	C	C	A	A	A	A	A	C	A	C		Wooden door manufacturers
Potassium Aluminium Sulfate			A		A	A		B	A		A		
Potassium Bicarbonate 30%		C	B			A	A	B	B				A

Potassium Bichromate	A		A	A		A	C	B	A		B			
Potassium Bisulfite	A	B	A	A		A	A	B	A	B	A			
Potassium Borate			A			A		B	A		A			
Potassium Bromate			A	A		A		B	B		B			
Potassium Bromide 30%	A	B	B			A	A	B	B		B		A	
Potassium Bromide	A	B	A	A		A	A	B	A	B	A	A	A	
Potassium Carbonate	A	C	A	A		A	A	B	A	B	A	B	A	
Potassium Carbonate 50%	A	C	B	A		A	A	B	B		B	B	A	
Potassium Chlorate	A	B	A	A	A	A	A	B	A	B	A	B	A	
Potassium Chlorate, Aqueous, 30%	A	B	B	A	A	A	A	B	B		B		A	
Potassium Chloride	A	C	A	A	A	A	A	B	A	A	A	A	A	
Potassium Chloride, 30%	A	C	B	A	A	A	A	B	B		B		A	
Potassium Chromate 30%	A	B	B	A		A	A	B	B	B				
Potassium Cyanide	A	C	A	A		A	A	B	A	A	A		A	
Potassium Cyanide 30%	A	C	B	A		A	A	B	B		B		A	
Potassium Dichromate	A	B	A	A		A		B	A	B	A	A	A	
Potassium Dichromate 30%	A	B	B	A	A	A		B	B		B		A	
Potassium Diphosphate	A			A		A		B	A		A			
Potassium Ferricyanide	A	B	A	A		A		B	A	B	A			
Potassium Ferricyanide 30%	A	B	B	A		A		B	B		B			
Potassium Ferrocyanide	A	A	A	A		A		B	A		A			
Potassium Ferrocyanide 30%	A	B	B	A		A		B	B		B			
Potassium Fluoride	A		A	A		A		B	A		A			
Potassium Hydroxide (Dilute-Cold)	A	C	A	A	A	A	C	C	C	A	A	A	A	
Potassium Hydroxide (Dilute-Hot)	A	C	A	A	A	A	C	C	C	A	B	A	A	
Potassium Hydroxide (to70% Cold)	A	C	A	A	A	A	C	C	C	A	B		A	
Potassium Hydroxide (to70%- Hot)	A	C	A	A	A	A	C	C	C	A	B		A	
Potassium Hydroxide 90%	A	C	B	A	A	A	C	C	C		B		A	
PotassiumHydroxide 50%	A	C	B	A	A	A	C	C	C		B	B	A	
Potassium Hydroxide 27%	A	C	A	A	A	A	C	C	C	A	C		A	
Potassium Hydroxide 5%	A	C	B	A	A	A	C	C	B		B		A	
Potassium Hypochlorite	A	C	A	A		A		B	A		B			
Potassium Iodide	A	B	A	A		A		B	A	B	A			
Potassium Iodide 70%	A	B	B	A		A		B	B					
Potassium Nitrate	A	A	A	A		A	A	B	A	B	A		A	
Potassium Nitrate 80%	A	A	B	A		A	A	B	B		B		A	
Potassium Nitrate 5%-1%	A	A	B	A		A	A	B	B		B		A	
Potassium Oxaiate, 20%	A			A		A		B						
Potassium Perborate			A			A		B						
Potassium Perchlorate	A		A	A		A		B						
Potassium Permanganate	A	B	A	A	A		A	B	A	B	A	A	B	
Potassium Permanganate 20%	A	B	B	A		A		B	A		C		B	
Potassium Permanganate 10%	A	A	B	A	A	A		A	B	A		C	A	B
Potassium Persulfate	A		A	A		A		B						
Potassium Sulfate	A	A	A	A	A	A	A	C	A	A	A	A	A	
Potassium Sulfate 10%	A	A	B	A	A	A	A	C	B		B		A	
Potassium Sulfide	A	C	A	A	A	A	A	C	A	A	A	B		
Potassium Sulfite	A	B	B	A		A	A	C		A				
Propane	A	A	A	A	A	B	A	A	A	C	A	A	B*	to 25 deg. C
Propagyl Alcohol		B	B			A	A	A						
Propyl Alcohol	A	B	A	A		A	A	A	A		A	A	A	
Propylene Dichloride			C			A			C		B			
Propylene Glycol	A	B	B	A	A	A	A	A	A	A	A	A		
Propylene Oxide	A		C	A	A	A	A	A	C	A	C			
Pydraul	A	A				A		A	B		C			
Pyridine	A	B	C	A	B	A	A		C		C	B	B	
Pyrogallic Acid	A	B	A			A		B	A		A			
Resins & Rosins	A	B	B	A	A	A	A	A			B		A	
Road Tar	A	A		A	A	A	A	A	A	C	B		A	

Roof Pitch	A	A		A	A	A	A	A	A		B		A	
RP-1 Fuel	A	A		A	A	A	A	A	A		A		B	
Rubber Latex Emulsions (Exclude White)	A	A		A	A	A	A	A	A					
Rubber Solvents	A	A		A	A	A	A	A	C		C			
Salad Oil	A	B		A	A	A	A	A	A	B	A		A	
Salicyc Acid			B	A	A	A		B		B				
Salicyadehyde			B						A		A			
Salicylic Acid	A	B	A	C		A	A		A	A	A	A		
Salt Solutions	A	C	A	A	A	A	A	A	A		A		A	
Sea Water	B	B	A	A	A	A	A	A	A	A	A		A	
Sewage	A	B	A	A	A	A	A	A	A	B	A		A	
Shellac (Bleached)	A	A		A	A	A	A	A			A		A	
Shellac (Orange)	A	A		A	A	A	A	A			A		A	
Silicone Oil	A	A	A	A	A	A	A	A	A		B		A	
Silver Chloride	C					A								
Silver Cyanide			A			A			A		A			
Silver Nitrate	A	C	A	A		A	A		A	A	B		A	
Soaps	A	C	A	A	A	A	A	A	A		A		A	
Soap Solutions (Stearates)	A	C	A	A	A	A	A	A	A	A	A		A	
Soap Solution 5%	A	C	A	A	A	A	A	A	A				A	
Sodium Acetate	A	A	A	A		A	A		C	B	B	A	A	
Sodium Aluminate	B	C	A	A	A	A	A	B	A	A	A			
Sodium Benzoate			A			A		B						
Sodium Bicarbonate	A	C	A	A	A	A	A	B	A	A	A	A	A	
Sodium Bicarbonate 20%	A	C	B	A	A	A	A	B	B		B		A	
Sodium Bisulfate	A	C	A	A		A	A	B	A		A		A	
Sodium Bisulfate 10%	A	C	A	A		A	A	B	A	B	A	A	A	
Sodium Bisulfite	A*	C	A	A		A	A	B	A		A		A	*C @ 70C
Sodium Bisulfite 10%	A*	C	A	A		A	A	B	A	B	A	A	A	*C @ 70C
Sodium Borate	A	B	A	A		A	A	B	A	B	A			
Sodium Bromide	A	B	A			A		B						
Sodium Bromide 10%	A	B	A			A		B		B	A			
Sodium Carbonate (Soda Ash)	A	C	A	A	A	A	A		A	A	A	A	A	
Sodium Chlorate	A	B	A	A		A	A		A	A	A	A	A	
Sodium Chloride	B	C	A	A	A	A	A	B	A	A	A	A	A	
Sodium Chlorite	A		C			A			C		C			
Sodium Chromate	A	A		A	A	A	A	B	A	A	A		A	
Sodium Cyanide	A	C	A	A	A	A	A	C	A	A	A	A	A	
Sodium Dichromate		B	B	A	A	A					B			
Sodium Ferricyanide	A		A	A		A			A		A			
Sodium Ferrocyanide			A			A			A		A			
Sodium Fluoride	A	C	A	C		A	A		A	B	A			
Sodium Hydroxide Solut. (Caustic Soda)	A	C	B	A	A	A	C	A	B		B		A	
Sodium Hydroxide, 70%	A	C	B	A	A	A	C	B	C	A	C		A	
Sodium Hydroxide, 50%	A	C	A	A	A	A	C	B	C	A	A	B	A	Solidifies at 13 deg.C
Sodium Hydroxide, 30%	A	C	A	A	A	A	C	A	B	A	A	B	A	Solidifies at 8 deg.C
Sodium Hydroxide, 15%	A	C	A	A	A	A	C	A	A	A	B	B	A	
Sodium Hydroxide, 10%	B	C	B	A	A	A	C	A	A	A	B	B	A	
Sodium Hypochlorite (Conc.)	C	C	A	A	A	A	C	B	A	A	C		C	
Sodium Hypochlorite (Dilute)	C	C	A	A	A	A	A	B	A	A	B		B*	to 50 deg. C
Sodium Metaphosphate	A	C	B	A		A	A	B	A	A	A		B*	to 25 deg. C
Sodium Metasilicate (Cold)	A	B	A	A	A	A		B	A					
Sodium Metasilicate (Hot)	A	B	A	A	A	A		B	A					
Sodium Nitrate	A	A	A	A	A	A	A	B	C	A	B		A	
Sodium Perborate	B	B	A	A	A	A	A	B	A	A	A		A	
Sodium Perborate 10%	A	B	B	A	A	A	A	B	B		B		A	
Sodium Peroxide	A	B	A	A	A	A	A	B	A	A	B			
Sodium Peroxide 10%	A	B	B	A	A	A	A	B	B		B			
Sodium Phosphate-Dibasic	A	C	A	A	A	A	A	B	A	A	A			

Sodium Phosphate-Tribasic	A	C	A	A	A	A	A	B	A	A	B			
Sodium Phosphate Alkaline	A	C	A	A	A	A	A	B	A		A			
Sodium Phosphate Acid	A	C	A	A	A	A	A	B	A		A			
Sodium Phosphate Neutral	A	C	A	A	A	A	A	B	A		A			
Sodium Silicate (Cold)	A	A	A	A	A	A	A	B	A	A	A	A	A	
Sodium Silicate (Hot)	A	A	A	A	A	A	A	B	A	A	A	A	A	
Sodium Sulfate	A	A	A	A	A	A	A	B	A	A	A	A	A	
Sodium Sulfide	B	C	A	A	A	A	A	B	A	B	A		A	
Sodium Sulfide to 50%	B	C	B	A	A	A	A	B	B		B	B	A	
Sodium Sulfite	A	B	A	A		A	A	B	A	B	A			
Sodium Sulfite 10%	A	B		A		A	A	B				A		
Sodium Thiosulfate	A	B	A	A	A	A	A	B	A	A	B		A	
Sour Crude Oil	A	B	B	A	A	A	A	B	C		C		B	
Soybean Oil	A	B	B	A	A	A	A	A	B	B	A		A	
Stannic Chloride	C	C	A		A	A	A	C	A	A	A		A	
Stannous Chloride	A*	C	A		A	A	A	C	A	A	B			*to 10%
Starch	A	C	A	A	A	A	A	A	A	A	C			
Stearic Acid	A	C	A	A	A	A	A	B	A	A	B	A	C	
Stoddard's Solvent	A	B	C	A	A	A	A	A	C	B			C	
Styrene	A			A	A	B	A		A	C	C	B		
Succinic Acid	A	B	A	A		A			A		A			
Sugar Liquids	A	C		A	A	A	A	A	A	A	A		A	
Sulfamic Acid			C	A			A							
Sulfate (Black Liquor)	A	C	C	A	A	A	A	A	B	B	B		A	
Sulfate (Green Liquor)	A	C	B	A	A	A	A	A	B		B		A	
Sulfate (White Liquor)	A	C		A	A	A	A	A	B		B		A	
Sulfate Liquors	A	C		A	A	A	A	A	C		C		A	
Sulfite Liquors	A	C	A	A		A	A	A	A		C			
Sulfur	A	B	C	A		A	A	B	B	C	C	A		
Sulfur Chloride	C	C				A	C		A	A	B		C	
Sulfur Dichloride				A		A			A		C			
Sulfur Dioxide (Dry)	A	B	B	A	A	A	A		A	A	C	A		
Sulfur Dioxide (Wet)	A	C	A	A	A	A			c	B	B	B		
Sulfur Trioxide	A	B	C	A		C			c		C	C		
Sulfur Trioxide (Dry)	A	B	C	A		A			B	B	C			
Sulfuric Acid (0-7%)	B	C	A	A*	A	A	A	B	A	C	C	A	A	*B @ 80C +
Sulfuric Acid (10%)	B	C	A	A*	A	A	B	B	A	C	B	A	A	*B @ 60C +
Sulfuric Acid (20%)	C	C	A	A*	A	A	B	B	A	C	B	A	A	*B @ 80C +
Sulfuric Acid (30%)	C	C	A	A*	A	A	B	B	A	C	A	A	A	*B @ 60C +
Sulfuric Acid (50%)	C	C	A	B*	A	A	B	B	A	C	B	A	A	*C @ 60C +
Sulfuric Acid (60%)	C	C	A	C	A	A	B	B	B	C	A	A	A	
Sulfuric Acid (70%)	C	C	A	C	B	A	A	B	B	C	B	A	A	
Sulfuric Acid (80%)	C	C	A	C	C	B	A	C	A	C	B	A	B	
Sulfuric Acid (90%)	C	C	B	C	C	B	A	C	A	C	B	A	B	
Sulfuric Acid (95%)	B	C	B	C	C	B	A	B	A	C	C	A		
Sulfuric Acid (98%)	B	C	B	C	C	A	A	B	C	C	C		B	
Sulfuric Acid (100%)	C	C	C	C	C	A	A	B	C	C	C		B	
Sulfuric Acid (103%) [Oleum]	C		C	C	C	A	A		C		C		C	
Sulfurous Acid	B	C	A	A		A	A		B	C	B	A	A	
Sulfuryl Chloride		B		A		B	A		C			B		
Tall Oil (liquid rosin)	A	C	B	A	A	A	A	A	A	C	A			
Tannic Acid	A	C	A	A	A	A	A	B	A	B	A	A	A	
Tanning Liquors	C		B	A	A	A	A	A	B		A		A	
Tar & Tar Oil	A		C	A	A	A	A	A	A	C	B		A	
Tartaric Acid	A	C	B	A		A	A		A	B	B	A	A	
Tetraethyl Lead	A	B	B	A		A	A	A	B		B			
Tetrahydrofuran	A		C	A*		A	A	A	C	A	C		B	*B @ 100C
Tetraphosphoric Acid	C	C												
Thionyl Chloride		C	C	A		B			C		C	B		

Tin Chloride	B		B			A					B			
Titanium Tetrachloride	B	C	C			A			A		C			
Toluene (Toluol)	A	A	C	A	A	B	A	A	A	C	C	A	C	
Tomato Juice	A	C	A	A	A	A	A	A			A		A	
Transformer Oil	A	B	A	A	A	B	A	A	A		A			
Tributyl Phosphate	A	B	C	A		A	A			C	B	C		
Trichloroacetic Acid	C	C	C	B	A	A				B	A	C	A	
Trichloroacetic Acid, 2N	C									C		C		
Trichloroethylene	A	B	C	A	C	B	A	A	A	C	C	A	B*	to 25 deg. C
Triethanolamine	A	B	C	A*	A	A	A	A	B	B	C	A		*B @ 50C
Triethylamine	B		C	A		A	A	A	C	A	B	A		
Trisodium Phosphate	A	C	B	A	A		A	A	B	B	B			
Tung Oil	A		C	A	A	A	A	A	A	C	A			
Turpentine	A	B	B	A	A	B	A	A	A	C	A	A	B	
Urea	A	B	A	A	A	A	A	A	A	A	B	A		
Urea Formaldehyde	A	B	A	A	A	A	A	A	A	A	B	A		
Urethane	A	B		A		A	A	A	A	C	C			Urethane rubber moulding machine
Urine	A	C	A	A		A	A	A	A		A		A	
Varnish	A	A	C	A	A	A	A	A	A	C	B		A	
Vegetable Oil	A	B	A	A	A	A	A	A	A	A	A		A	
Vinegar	A	B	A	A	A	A	A	B	A	A	B	B	A	
Vinyl Acetate	A		C	A	A	A	A	A	A	A	C	A		
Vinyl Chloride	A	C	A	A	C	A	A	A	A	A	B			
Water	A	C	A	A	A	A	A	A	B	A	B		A	
Water, Demineralized	A	B	B	A	A	A	A	A	B		B	A	A	
Water, Distilled	A	C	A	A	A	A	A	A	A	A	A	A	A	
Water (Distiller Aerated)	A	C	A	A	A	A	A	A	A		A		A	
Water (Fresh)	A	B	A	A	A	A	A	A	A	A	A	A	A	
Water (Salt)	A	C	A	A	A	A	A	A	A		A		A	
Water (Sea)	A	B	A	A	A	A	A	A	A		A		A	
Water, Sewage	A		A	A	A	A	A	A	A		A		A	
Waxes	A			A	A	A	A	A	A	C	A			
Whisky	A	B	A	A	A	A	A	A	A		A		A	
Whisky & Wine	A	B	A	A	A	A	A	A	A	A	A	A	A	
White Liquor	A	B	B	A	A	A	A	A	A		A		A	
White Sulfate Liquor	A	B	B	A		A	A		A		A		A	
Wines	A	C	B	A	A	A	A	A	B		B	A	A	
Xylene (Dry)	A	B	C	A*	A	B	A	A	A	C	C	A	B ¹	*B @ 100C, B ¹ to 25 deg. C
Xylene (Xylol)	A	B	C	A	A	A	A	A	A	C	C		B*	to 25 deg. C
Yeast (Liquid)	A	C	B	A	A	A	A	A	A	B	B		A	
Zinc Chloride	C	C	A	A	A	A	A	C	A		B		A	
Zinc Hydrosulfite	A			A	A	A	A	A	A	A	A			
Zinc Nitrate	A		A	A		A		A	A		A			
Zinc Sulfate	A	C	A	A	A	A	A	A	A	A	A		A	
Zinc Sulfate, 30%	A	C	B	A	A	A	A	A	B		B		A	