



WARNING

The following data is based on tests and believed to be reliable; however, we emphasize that the tabulation should be used as a guide only, since it does not take into consideration all variables such as elevated temperatures, fluid contamination, concentration, etc. that may be encountered in use. All critical applications should be tested.

Note: All data based on 20°C (68°F) unless otherwise stated.

Key: ● Blank = No Data ● E = Excellent ● G = Good ● F = Fair ● C = Conditional ● X = Unsatisfactory

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM
Acetaldehyde	F	X	E	E	E	E	X	C	F
Acetic Acid, Glacial	C	X	G	G	E	E	X	F	C
Acetic Acid, 10%	G	F	G	E	E	E	E	E	E
Acetic Acid, 50%	X	F	G	E	E	E	F	F	E
Acetic Anhydride	F	X	C	G	E	E	X	G	E
Acetic Oxide	F	X	G	G	E	E	X	G	E
Acetone	C	C	E	E	E	E	X	C	X
Acetone Cyanohydrin	F		E	E			X	G	F
Acetonitrile	G		E	E			X	E	G
Acetophenone	C	X	G	E	E	E	X	X	X
Acetyl Acetone	X	X	E	E			X	X	X
Acetyl Chloride	X	X	X	X			X	X	C
Acetyl Oxide	F		G	G	E	E	X	G	E
Acetylene	C	F	E	E	E	E	E	E	C
Acetylene Dichloride	X	X	F	C			X	X	X
Acetylene Tetrachloride	X		X	C			X	C	X
Acrolein	G	F	E	E			F	G	G
Acrylonitrile	C	F	X	E	E	E	X	X	C
Acrylic Acid	X			X			X	X	G
Adipic Acid	E		X	C	E	E	E	E	G
Air, +300 °F	X	X	G	G			G	G	G
Alk-Tri	X		X	X			X	X	X
Allyl Alcohol	E		E	E	E	E	E	E	E
Allyl Bromide	X		X	X			X	X	X
Allyl Chloride	X	E	C	X	E	F	G	X	X
Alum	E		E	G	E	E	C	E	E
Aluminium Acetate	E	X	G	E			C	C	F
Aluminium Chloride	E	E	E	E	E	E	E	E	E
Aluminium Fluoride	E	E	E	E	E	E	E	E	E
Aluminium Formate	X		G	E			X	E	X
Aluminium Hydroxide	E	G	E	E	E	E	E	E	E
Aluminium Nitrate	E	E	E	E			E	E	E
Aluminium Sulfate	E	G	A	E	E	E	E	G	E
Amines-Mixed	C	G		G			X	C	X
Aminobenzene	X	X	E	C	E	E	X	X	C
Aminodimethylbenzene	X		G	C			C	X	F
Aminoethane	C	X	G	E	E	E	C	C	F
Aminoxylene	X		G	E			C	X	X
Ammonium Carbonate	E	E	E	E			C	E	C
Ammonium Chloride	E	E	E	E	E	E	G	E	E
Ammonium Hydroxide	G	X	G	E	E	E	C	E	E
Ammonium Nitrate	E	E	E	E	E	E	E	E	E
Ammonium Phosphate, Dibasic	E	E	E	E	E	E	E	E	E
Ammonium Sulfate	E	G	E	E	E	E	E	E	E
Ammonium Sulfide	E	G	E	E	E	E	C	E	E
Ammonium Thiosulfate	E		E	E			C	E	E
Amyl Acetate	C	X	G	C	E	E	X	X	X
Amyl Acetone	X		G	G			X	X	X
Amyl Alcohol	C	G	E	E	E	E	C	C	E
Amyl Bromide	X		X	C			X	X	X
Amyl Chloride	X	X	X	X	E	E	X	X	X
Amyl Ether	X		X	X			C	X	F
Amylamine	F		G	X			F	C	F
Anethole	X		X	X			X	X	X
Aniline	X	X	E	C	E	E	X	X	C

CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM
Aniline Dyes	C	G	G	C	E	E	X	C	G
Aniline Oil	X	X	G	C	E	E	X	X	C
Animal Fats	X	X	C	C	E	E	E	C	F
Antimony Pentachloride	X			C	E	E	X	C	X
Aqua Regia	X	X	C	C	X	X	X	X	C
Argon	X	C	G	E			E	G	X
Arsenic Acid	E	E	E	E	E	E	E	E	E
Asphalt	X	X	X	X	E	E	C	C	F
Astm Fuel A	X	X	X	X			E	C	C
Astm Fuel B	X	X	X	X			C	X	X
Astm Fuel C	X	X	X	X			C	X	X
Astm Oil No.1	X	X	X	X	E	E	E	E	C
Astm Oil No.2	X	X	X	X	E	E	E	C	X
Astm Oil No.3	X	X	X	X	E	E	E	C	C
Astm Oil No.4	X	X	X	X			C	X	X
Automatic Transmission Fluid	X	X	X	X			E	C	C
Banana Oil	X		C	C			X	X	C
Barium Chloride	E	E	E	E	E	E	E	E	E
Barium Hydroxide	E	E	E	E	E	E	E	E	E
Barium Sulphide	E	G	E	E	E	E	E	E	E
Beer	E	E	E	E	E	E	E	E	E
Beet Sugar Liquors	E	E	E	E	E	E	E	C	E
Benzal Chloride			G				X		
Benzaldehyde	X	X	G	E	E	E	X	X	X
Benzene	X	X	X	C	E	F	X	C	C
Benzene Carboxylic Acid	X		E	C			X	E	C
Benzine		X	X	X	E	E	E	C	C
Benzoic Acid	X	X	C	C			X	E	C
Benzol	X	X	X	C	E	F	X	C	C
Benzotrithloride	X			E			X	X	X
Benzyl Acetate	X		E	E			X	E	G
Benzyl Alcohol	X	X	E	C			X	C	C
Benzyl Chloride	X	X	X	X			X	X	X
Benzyl Ether	X	X	G	C			X	X	X
Black Sulfate Liquor	G	G	G	G	E	E	G	G	G
Bleach	C	G	E	E	E	G	F	X	C
Borax Solution	C	X	G	E	E	E	E	C	E
Boric Acid	E	E	E	E	E	E	E	E	E
Brake Fluid (Hd-557)12 Days	X	E	E	E			C	C	C
Brine	E		E	E	E	E	E	E	E
Bromobenzene	X	X	X	X			X	X	X
Bromochlorometane	X		C	G	F	F	X	X	X
Bromoethane	C	X	C	X	E	E	C	X	X
Bromotoluene	X		X				X		X
Bunker Oil	X	X	X	X			E	G	C
Butadiene	X	X	X	X	E	E	X	X	G
Butane	X	X	X	X	E	E	E	E	C
Butanoic Acid	C		X	C			C	X	C
Butanol	E	E	C	C	E	E	E	E	E
Butanone	X	X	E	E	E	E	X	X	X
Butoxyethanol	X		C	E			C	X	G
Butyl Acetate	X	X	C	C	E	E	X	X	X
Butyl Acrylate	X	X	X	C	E	E	X	X	X
Butyl Alcohol	E	E	C	C	E	E	E	E	E
Butyl Aldehyde	X	X	C	C	E	E	X	X	X



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COMPOUND CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM
Butyl Benzyl Phthalate	X		E	E	E	E	X	E	X
Butyl Carbitol	X	X	E	E			X	X	C
Butyl Cellosolve	X	X	C	C	E	E	C	X	G
Butyl Chloride	X		F	X			X	X	X
Butyl Ether	X	X	C	C	E	E	X	C	X
Butyl Ether Acetaldehyde	X		G	X			X	X	X
Butyl Ethyl Ether	X		X	F			G	X	C
Butyl Oleate	X	X	C	C			X	X	X
Butyl Phthalate	X	X	G	E	E	E	X	X	X
Butyl Stearate	X	X	C	X	E	E	C	X	X
Butylene	X	X	X	X			C	C	C
Butyraldehyde	X	X	C	C	E	E	X	X	X
Butyric Acid	C	X	X	C	E	E	C	X	C
Butyric Anhydride	F		F	E			C	G	G
Cadmium Acetate	X		E				X		E
Calcium Aluminate	E		E				E		E
Calcium Bichromate			E	E			C	E	F
Calcium Bisulfide	X	G	X	E			C	E	F
Calcium Chloride	E	E	E	E	E	E	E	E	E
Calcium Hydroxide	E	E	E	E	E	E	E	E	E
Calcium Hypochlorite	C	X	E	E	E	E	C	C	E
Calcium Nitrate	E	E	E	E			E	E	E
Calcium Sulfide	C	X	E	E			E	E	E
Calcium Acetate	E	X	E	E			C	C	C
Caprylic Acid	C		F				F		G
Carbamide	E		E	E	E	E	G	G	E
Carbitol	C	E	C	C	E	E	C	C	C
Carbolic Acid Phenol	C		C						C
Carbon Dioxide	G	G	E	G	E	E	E	G	E
Carbon Disulfide	X		X	X	C	C	X	X	X
Carbon Monoxide	C	G	E	E	E	E	E	C	X
Carbon Tetrachloride	X		X	X	E	E	X	X	X
Carbonic Acid	E	G	E	E	E	E	C	E	E
Castor Oil	E	E	C	C	E	E	E	E	E
Caustic Soda	E	E	E	G	E	E	C	G	E
Cellosolve Acetate	C	X	C	G	E	E	X	X	X
Cellugard	E	E	E	E			E	E	E
Cetylic Acid	C	G	C	C	E	E	E	G	C
China Wood Oil	X	X	C	X	E	E	E	C	C
Chlorinated Solvents	X	X	X	X	E	E	X	X	X
Chloro-2-Propanone	X		C						X
Chloroacetic Acid	X	X	C	C	E	E	X	X	G
Chloroacetone	X	X	C	E	E	E	X	X	X
Chlorobenzene	X	X	X	X	E	E	X	X	X
Chlorobutane	X		F	X			X	X	X
Chlorodane	X	X	X	X			C	C	C
Chloroethyl Benzene	X		X	X			C	X	X
Chloroform	X	X	X	X	F	F	X	X	X
Chloropentane	X		X	X			X	X	X
Chlorosulfonic Acid	X	X	X	X	F	X	X	X	X
Chlorotoluene	X	X	X	X			X	X	X
Chlorox	X	X	C	G			C	C	C
Chrome Plating Solutions	X	X	C	C			X	X	X
Chromic Acid	C	X	C	C	E	E	X	X	E
Chromium Trioxide	X	X	G	C			X	X	E
Cinnamene	X	X	X	X			C	X	X
Cis-9-Octadecenoic Acid	X	X	X	C	E	E	G	C	C
Citric Acid	E	E	E	E	E	E	E	E	E
Coal Tar Oil	X	X	X	X	E	E	E	G	F
Coal Tar	X	X	X	X	E	E	C	C	C
Coal Tar Naphtha	X		X	X	E	E	X	X	X
Coconut Oil	X	X	C	C	E	E	E	C	C
Coke Oven Gas	C	X	C	X	E	E	X	X	C
Coolanol	X	X	X	X			E	C	C
Copper Chloride	E	E	E	E	E	E	E	C	C

COMPOUND CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM
Copper Cyanide	E	E	E	E	E	E	E	E	E
Copper Hydrate	F		E				G		G
Copper Hydroxide	F		E				G		G
Copper Sulfate	C	G	C	E	E	E	E	E	E
Corn Oil	X	X	C	C	E	E	E	C	C
Cottonseed Oil	X	X	C	C	E	E	E	C	C
Creosote	X	X	X	X	E	E	E	C	X
Cresols	X	X	X	X	E	E	X	X	X
Cresylic Acid	X	X	X	X	E	E	X	X	X
Crotonaldehyde	X	F	E	E	E	E	X	X	X
Crude Oil	X	X	X	X	E	E	C	C	C
Cumene	X	X	X	X			X	X	X
Cupric Hydroxide	F		E				G		G
Cupric Nitrate	G		E	C	E	E	C	E	E
Cupric Sulfate	C	G	C	E	E	E	E	E	E
Cutting Oil	C	X	X	X			E	C	C
Cyclohexane	X	X	X	X	E	E	E	X	C
Cyclohexanol	C	X	X	X	E	E	G	C	C
Cyclohexanone	X	X	C	C	E	E	X	X	X
Cyclopentane	X		X	X			G	C	X
Cyclopentanone	X		X				X		X
Cyclopentyl Alcohol				C			X		F
D-Furaldehyde	X		C	E			G	F	C
Ddt In Kerosene	X	X	X	X			E	C	C
Decahydronaphthalene	X	E	X	X	E	E	X	X	X
Decalin	X	E	X	X	E	E	X	X	X
Decyl Alcohol	X		X	X			E	X	C
Decyl Aldehyde	X		F	X			X		X
Decyl Butyl Phthalate	X		E				X		X
Detergent, Water Solution	E	G	E	E	E	E	E	C	C
Developing Fluid	E	G	C	C			E	E	E
Dextron	X	X	X	X			E	C	X
Di (2Ethylhexyl) Adipate	X		E	G	G	G	X	X	X
Di (2Ethylhexyl) Phthalate	X	X	C	C	E	E	X	X	X
Di-Iso-Butylene	X	X	X	X	E		C	C	X
Di-Iso-Decyl Phthalate	X		E	E			X	X	X
Di-Iso-Propanolamine	G		E	E			G	G	F
Di-Iso-Propyl Ether	X		X	X	E	E	G	C	C
Di-Iso-Propyl Ketone	X	X	E	E	E		X	X	X
Di-P-Mentha-1,8-Diene	X		X	X			C	X	X
Diacetone Alcohol	X	X	E	E	E	E	X	F	C
Diacetylmethane		X	E	E			X	X	X
Diammonium Orthophosphate				E			E		E
Diamyl Naphthalene	X		E		E	E			X
Diamylamine	G	X	E	E			G	C	C
Diamylene	X		X	X					X
Diamylphenol	X		X		E	E	X		X
Dibenzyl Ether	X	X	C	C			X	X	X
Dibromobenzene	X		X	X			X	X	X
Dibromomethane	X		X	C			X	X	X
Dibutyl Ether	X	X	C	C	E	E	X	C	X
Dibutyl Phthalate	X	X	C	C	E	E	X	X	X
Dibutyl Sebacate	X	X	C	C	E	E	X	X	X
Dibutylamine	X	X	X	F			X	C	C
Dicalcium Phosphate	E		E	E			E	E	E
Dichloroethylene	X		C	C	F	F	X	X	X
Dichloroacetic Acid	X	X	C	X	E	E	X	X	X
Dichlorobenzene	X	X	X	X			X	X	X
Dichlorobutane	X	X	X	X			C	X	X
Dichlorodifluoromethane	C	E	C	C	E	G	C	C	C
Dichloroethane	X	X	C	X	E	E	X	X	X
Dichloroethyl Ether	X		X	X			X	X	X
Dichlorohexane	X		X	X			X	X	X
Dichloromethane	X	X	X	X			X	X	X



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CHEMICAL OR MATERIAL CONVEYED	COMPOUND									
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM	
Dichloropentane	X	X	X	X			X	X	X	
Dichloropropane	X		X	X	G	G	F	X	X	
Dichloropropene	X		X	X	G	G	C	X	X	
Diesel Oil	X	X	X	X	E	E	E	C	C	
Diethanol Amine	G	X	E	G			C	G	F	
Diethylbenzene	X	X	X						X	
Diethyl Ether	X	X	X	X	E	E	X	X	X	
Diethyl Ketone	X		G	G	E	E	X	X	X	
Diethyl Oxalate	F		X	X				X	X	X
Diethyl Phthalate	X		X	F	E	E	X	X	X	
Diethyl Sebacate	X	X	G	F			C	X	F	
Diethyl Sulfate	X	E	C	E			X	E	X	
Diethyl Amine	C	G	C	C	E	E	C	C	C	
Diethylene Glycol	E	E	E	E	E	E	E	E	E	
Diethylene Oxide	X		X	E			X	X	X	
Diethylenetriamine	G	X	E	E			G	X	F	
Dihydroxy Succinic Acid	E		G	G			G	G	E	
Dihydroxydiethyl Ether	E		E	E	E	E	E	E	E	
Diisobutyl Ketone	X	X	G	E	E	E	X	X	X	
Diisodecyl Phthalate	X		E	E	E	E	X	X	X	
Diisooctyl Adipate	X		E	E			X	X	X	
Diisooctyl Phthalate	X		E	G	E	E	X	X	X	
Dimethyl Carbinol	E		E	E	E	E	C	G	E	
Dimethyl Ketone	C	F	E	E	E	E	X	C	X	
Dimethyl Phthalate	X	X	C	C	E	E	X	X	X	
Dimethyl Sulfate	X		G	X	E	E	X	X	X	
Dimethyl Sulfide	X		F	X			X	C	X	
Dimethylamine	G	X	G	E	E	E	F	X	X	
Dimethylaniline	X	X	G	E			X	X	X	
Dimethylbenzene	X	X	X	X			X	X	X	
Dimethylbutane	X		X						X	
Dioxane	X	X	C	C	E	E	X	X	X	
Dipentene	X	X	X	X			C	X	X	
Dipentylamine	G	X	E	E			G	C	C	
Dipropylene Glycol	E		E	E			E	E	E	
Disodium Phosphate	E		E	E			E	E	E	
Divinyl Benzene	X	X	X	X			X	X	X	
Dowtherm, A And E	X	X	X	X			X	X	C	
Dry Cleaning Fluids	X	X	X	X			C	X	X	
Ethanoic Acid		G		C	E	E	C	C		
Ethanol	E	E	E	E	E	E	C	E	E	
Ethanolamine	C	X	C	E			C	C	C	
Ethers	X	X	X	X	E	E	F	X	X	
Ethyl Acetate	X	X	C	C	E	E	X	X	X	
Ethyl Acetoacetate	C	F	C	C			X	X	X	
Ethyl Acetone	X		G	G			X	X	X	
Ethyl Acrylate	X	X	C	C			X	X	X	
Ethyl Alcohol	E	E	E	E	E	E	C	E	E	
Ethyl Aldehyde	C		E	E	E	E	X	X	F	
Ethyl Aluminium Dichloride	X		X				X		X	
Ethyl Benzene	X	X	X	X	E	E	X	X	X	
Ethyl Bromide	C	X	X	X	E	E	C	X	X	
Ethyl Butyl Acetate	X		E				X		G	
Ethyl Butyl Alcohol	E		E						E	
Ethyl Cellulose	C	G	C	C	E	E	C	C	C	
Ethyl Chloride	C	G	E	C	E	E	E	X	C	
Ethyl Dichloride	X	X	F	X	E	E	X	X	X	
Ethyl Ether	X	X	X	X	E	E	X	X	X	
Ethyl Formate	X	X	C	C			X	C	C	
Ethyl Iodide	X		F	F	E	E	X	X	X	
Ethyl Oxalate	E	X	X	E			X	X	X	
Ethyl Phthalate	X		X	F	E	E	X	X	X	
Ethyl Silicate	C	G	E	E			E	E		
Ethyl-N-Butyl Ketone	X	G	G				X	X	X	

CHEMICAL OR MATERIAL CONVEYED	COMPOUND									
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM	
Ethyl-1-Butanol	E		E	E			E	E	E	
Ethylamine	C	X	C	E			C	C	F	
Ethylene Chlorohydrin	C	G	C	C			X	C	C	
Ethylene Diamine	C	G	E	E	E	E	C	E	C	
Ethylene Dibromide	X	X	C	C	F	F	X	X	X	
Ethylene Dichloride	X	X	C	X	F	F	X	X	X	
Ethylene Glycol Monobutyl Ether	X	X	E	E	E	E	F	X	C	
Ethylene Glycol Monoethyl Ether	X		C	C	E	E	C	X	X	
Ethylene Glycol	E	E	E	E	E	E	E	E	E	
Ethylene Oxide	X	X	C	C	E	E	X	X	X	
Fatty Acids	X	X	C	X	E	G	C	C	C	
Ferric Bromide	E		E				E		E	
Ferric Chloride	E	E	E	E			E	E	C	C
Ferric Nitrate	E	E	E	E			E	E	E	E
Ferric Sulfate	E	E	E	E			E	E	E	E
Ferrous Acetate	X		E	G			X	X	E	
Ferrous Chloride	E		E	E			E	E	E	E
Ferrous Sulfate	E	E	E	E			E	E	E	E
Fluoroboric Acid	E	E	C	E	E	E	E	E	E	
Fluorine	X		X	E	G	G	X	X	X	
Fluorosilicic Acid	E	G	E	E	E	E	E	E	E	
Formaldehyde	C	G	C	C	E	E	C	C	C	
Formalin	C	G	C	E	E	E	G	G	C	
Formic Acid	C	E	E	E	E	E	C	C	E	
Freon 113	C	G	X	X			E	E	C	
Freon 12	X	E	X	C	F	G	C	C	E	
Freon 22	C	E	C	C	F	E	X	E	E	
Fuel A	X		X	X			E	C	C	
Fuel B	X		X	X			C	X	X	
Fuel Oil	X	X	X	X	E	E	E	C	C	
Furan	X	X	X	X	E	E	X	X	X	
Furfural	X	X	C	C	E	E	X	X	C	
Fuel A (Astm)	X	X	X	X			E	C	X	
Fuel B (Astm)	X	X	X	X			C	X	X	
Fuel Oil	X	X	X	X	E	E	E	C	C	
Furan	X	X	X	X	E	E	X	X	X	
Furfural	X	X	E	C	E	E	X	X	X	
Furfuran	X	X	X	X	E	E	X	X	X	
Furfuryl Alcohol	X	X	C	C	E	E	X	X	X	
Gallic Acid	E	G	C	C	E	E	C	C	C	
Gallotannic Acid	E		G	E			E		E	
Gasoline	C	X	C	X	E	E	E	X	C	
Glacial Acrylic Acid	X		X	X			X	X	G	
Gluconic Acid	X		F	E			C	E	G	
Glucose	E	E	E	E	E	E	E	E	E	
Glycerine	E	E	E	E	E	E	E	E	E	
Glycerol	E	E	E	E	E	E	E	E	E	
Glycogenic Acid	X		F	E			F	E	G	
Glycols	E	E	E	E	E	E	E	E	E	
Glyconic Acid	X		F	E			F	E	G	
Glycyl Alcohol										
Grease	X	X	X	X			E	F	C	
Green Sulphate Liquor	C	G	E	E			C	C	G	
Helium	E	E	E	E			E	E	E	
Heptaldehyde	X	X	C	C			E	C	X	
Heptanal	X	X	C	C			E	C	X	
Heptane	X	X	X	X			E	E	C	C
Heptanoic Acid	X		X	X			E	C	C	
Hexadecanoic Acid	E	G	G	G	E	E	E	X	X	
Hexaldehyde	X	X	C	C	E	E	X	C	C	
Hexane	X	X	X	X	E	E	E	C	C	
Hexanol	E	E	C	C	E	E	C	C	C	
Hexene	X	X	X	X			C	C	C	
Hexyl Alcohol	E	E	C	C	E	E	C	C	C	



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COMPOUND CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM
Hexyl Methyl Ketone	X		G	G			X	C	X
Hexylamine	F		G	G			F	G	F
Hexylene Glycol	E		E	F			C	E	E
Histowax	X		X						C
Hydraulic & Motor Oil	X	X	C	C	E	E	C	C	C
Hydrazine	C	G	C	E			C	C	C
Hydrobromic Acid	E	X	E	E	E	E	X	C	E
Hydrochloric Acid	C	X	C	C	C	C	C	C	C
Hydrocyanic Acid	C	G	C	E			C	C	E
Hydrofluoric Acid	C	X	C	C	E	E	C	C	E
Hydrofluosilicic Acid	E	G	E	E	E	E	X	C	E
Hydrogen Chloride Anhydrous	X	X	E	E			X	C	E
Hydrogen Dioxide	G		G	G			F	F	C
Hydrogen Gas	C	G	E	E	E	E	E	E	E
Hydrogen Peroxide Over 10%	C	X	C	C	C	F	X	X	C
Hydrogen Peroxide 10%	G	X	G	G	E	E	F	F	C
Hydrogen Sulfide	X	X	E	E	E	E	X	E	G
Hydroxy Benzene	C		C	C			X	X	C
Hydroxyisobutyronitrile	C		E	E			C	G	F
Hydroxytoluene	X	X	C	C			X	C	C
Iminodi-2-Propanol	G		E	E			G	G	F
Iminodiethanol	C	X	C	G			C	G	F
Iodine	X	G	C	C	E	E	C	C	C
Iodine Pentafluoride	X	X	X	X			X	X	X
Iodoform	X		X	E			E	X	X
Iso-Butanal	X	G		G	E	E	X	F	
Iso-Butylamine	F		E	G			X	X	F
Iso-Butylbromide	X		X	X			X	X	X
Iso-Butylcarbinol	X		E	E			E	E	E
Isocyanates	F		G	G	E	E	C	X	F
Isooctane	X	X	X	X	E	E	E	C	C
Isopropyl Acetate	X	X	C	C	E	E	X	X	X
Isopropyl Alcohol	E	E	E	E	E	E	C	C	E
Isopropyl Ether	X	X	X	X	E	E	G	X	C
Jet Fuels	X	X	X	X	E	E	C	C	X
Jp-4 Oil	X	X	X	X			E	X	X
Kerosene	X	X	X	X	E	E	E	C	C
Ketones	C	E	G	E	E	E	C	C	C
Lacquer Solvents	X	X	X	E	E	X	X	X	X
Lactic Acid - Cold	E	G	E	C	G	G	C	C	E
Lactic Acid - Hot	E	X	E	C	G	G	C	C	E
Lard	X	X	C	C	E	E	E	C	C
Lavender Oil	X	X	X	X			C	X	X
Lead Acetate	E	X	E	E	E	E	C	C	X
Lead Nitrate	E	E	E	E			E	E	E
Lead Sulfate	E		E	E	E	E	E	E	E
Lime	E		E	E	E	E	G	G	G
Lime Bleach	C	E	E	E			C	C	E
Lime Sulfur	C	X	E	E	E	E	E	E	E
Limonene	X		X	X			C	X	X
Linoleic Acid	X	X	X	X			C	C	X
Linseed Oil	X	X	C	C	E	E	E	C	C
Liquid Petroleum Gas	X	X	X	X	E	E	E	G	C
Lubricating Oil	X	X	X	X	E	E	C	C	C
Lye Solutions	E	G	E	G			C	G	E
Mek	X	X	E	E	E	E	X	X	X
Magnesium Acetate	X	X	E	G			X	X	E
Magnesium Chloride	E	E	E	E	E	E	E	E	E
Magnesium Hydrate	C	G	E	E	E	E	C	C	E
Magnesium Hydroxyde	C	G	E	E	E	E	C	C	E
Magnesium Sulfate	C	G	E	E	E	E	E	E	E
Maleic Acid	X	X	X	C	E	E	X	X	X
Maleic Anhydride	X	X	C	C			X	X	X
Malic Acid	E	G	X	C	C	C	E	C	C
Manganous Sulfate	G		G	E			E	E	E

COMPOUND CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM
Mercury	E	E	E	E	E	E	E	E	E
Mercury Vapors	G	E	E	E			E	G	E
Mesityl Oxide	X	X	F	C			X	X	X
Methyl Alcohol	E		E	E			E	E	E
Methyl Chloride	X		X				X	X	
Methane Carboxylic Acid (See Acetic Acid)					E	E			
Methanoic Acid	C	E	E	E	E	E	G	E	E
Methanol	E	E	C	E	E	E	C	E	E
Methoxy Ethanol	E		E	E	E	E	C	E	E
Methyl Acetate	C	X	C	C			X	C	X
Methyl Acetoacetate	X	X	C	C			X	X	X
Methyl Acetone	X	X	E	E	E	E	X	X	X
Methyl Allyl Chloride	X		X					X	X
Methyl Amyl Carbinol	G		G	E			E	G	E
Methyl Benzene	X	X	X	X	F	F	X	X	X
Methyl Bromide	X	X	C	X	F	F	C	X	X
Methyl Butane	X		X	X			E	X	X
Methyl Butyl Ketone	X	X	E	E	E	E	X	X	X
Methyl Carbitol				G				F	F
Methyl Cellosolve	X	X	C	C	E	E	C	C	C
Methyl Chloride	X	X	C	C	F	F	X	X	X
Methyl Cyanide	G		E	E			C	E	G
Methyl Ethyl Ketone	X	X	E	E	E	E	X	X	X
Methyl Hexanol	E		E	E			E	E	E
Methyl Methacrylate	X	X	X	X	E	E	X	X	X
Methyl Normal Amyl Ketone	X			E			C	E	X
Methyl Propyl Ether	X		X	X			X	X	C
Methyl Salicylate	X		C	C	E	E	X	X	X
Methyl Styrene	X		X	X			X	X	X
Methyl Sulfide	X		F	X			X	X	X
Methyl-Iso-Amyl-Ketone	X		G						X
Methyl-2-Butanone	X	X	C	C			X	X	X
Methyl-2-Hexanone	X		G						X
Methyl-2-Pentanol	G		E	E			G	G	E
Methyl-2-Pentanone	X		C	C			X	X	X
Methyl-4-Isopropyl Benzene	X		X	X			X	X	X
Methyl Amyl Acetate	X								X
Methyl Amyl Alcohol	G		E	E			G	G	E
Methylcyclohexane	X		X	X			X	X	C
Methylene Bromide	X		X	X	E	E	C	X	X
Methylene Chloride	X	X	X	C	F	F	X	X	X
Methylethyl Ketone	X	X	E	E			X	X	X
Methyl Hexyl Ketone	X		G	G	E		X	C	X
Methyl Isobutyl Carbinol	G		E	C			X	X	E
Methylisobutyl Ketone	X	X	C	C	E	E	X	X	X
Methylisopropyl Ketone	X	X	C	C			X	X	X
Methylacetonitrile	F		E	E			X	G	F
Methylpropyl Carbinol	E		E				E		E
Methylpropyl Ketone	X		G	G	E	E	X	X	X
Mineral Oil	X	X	C	X	E	E	E	C	C
Mineral Spirits	X	X	X	X			C	C	G
Mobile Hf A	X	X	X	X			E	C	X
Molten Sulfur	G		G	E			G	E	E
Mono-Chloroacetic Acid	C	X	G	G	E	E	X	C	G
Monobutyl Ether	X	X	C	C			G	C	C
Monochlorobenzene	X	X	X	X	F	F	X	X	X
Monochlorodifluoromethane	C	E	C	C	E	E	X	C	E
Monoethanol Amine	C	G	C	C			G	G	C
Monoethyl Amine	C	F	C	E			C	C	F
Morpholine	X		C	C			X	X	X
Motor Oil, 40W	X		X	X			E	C	C
Mtbe			G				X	X	
Muriatic Acid	C	X	C	F			C	C	C
N-Butanal	X	X	C	C	E	E	X	X	X
N-Butylamine	X	X	C	C			C	X	X



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CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM
N-Butylbenzene	X		X	X			X	X	X
N-Butylbromide	X		X	X			X	X	X
N-Butylbutyrate	X	X	E	E			X	X	X
N-Butylcarbinol	E		E	E	E	E	E	E	E
N-Nonyl Alcohol	E		E	E			E	E	E
N-Octane	X	X	X	X	E	E	C	G	X
Naphtha	X	X	X	X	E	E	C	X	C
Naphthalene	X	X	X	X	E	E	X	X	X
Naphthenic Acid	X	X	X	X			C	X	X
Natural Gas	C	F	X	X	E	E	E	E	E
Neohexane	X		X	X			E	G	X
Neon Gas	E	E	E	E			E	E	E
Neu-Tri	X		X				X		X
Nickel Acetate	E	X	E	E			C	G	X
Nickel Chloride	E	E	E	E	E	E	E	C	E
Nickel Nitrate	E		E	E	E	E	E	E	E
Nickel Sulfate	C	G	E	E	E	E	E	E	E
Nitric Acid, Conc	X		X	X			X	X	X
Nitric Acid, Red Fuming	X	X	X	X	X	X	X	X	X
Nitric Acid, 10%	X	X	E	E	E	E	X	G	E
Nitric Acid, 13N	X					X	X		
Nitric Acid, 13N +5%	X					X	X		
Nitric Acid, 20%	X	X	G	E	E	E	X	X	E
Nitric Acid, 30%	X	X	F	F	G	G	X	X	E
Nitric Acid, 30% - 70%	X	X	F	X	F	F	X	X	C
Nitrotriethanol	C	G	E	E	E	E	F	C	C
Nitrobenzene	X	X	F	C	E	E	X	X	X
Nitroethane	G	G	G	C			X	C	G
Nitrogen	E	E	E	E	E	E	E	E	E
Nitromethane	G	C	G	C			X	C	C
Nitrous Oxide Gas				E			E	G	
Nonanoic Acid	X		E		E	E	E		X
Nonanol	E		E	E			E	E	E
Octanoic Acid	F		F				F		G
Octanol	C	E	C	C			C	C	C
Octyl Acetate	C	X	E	G	E	E	C	C	E
Octyl Alcohol	C	E	C	C			C	C	C
Octyl Aldehyde	X		F		E	E	X		X
Octyl Amine	F		E	G			F	G	F
Octyl Carbinol	E		E	E			E	E	E
Octylene Glycol	E		E	E			E	E	E
Oil-Petroleum		X			G	G			
Oleic Acid	X	X	X	X	E	E	G	F	C
Oleum	X	X	X	X	X	X	X	X	X
Olive Oil	X	X	C	G			E	G	C
Ortho-Dichlorobenzene	X	X	X	X			X	X	X
Ortho-Dichlorobenzol	X	X	X	X			X	X	X
Orthoxylene	X	X	X	X			X	X	X
Oxalic Acid	C	G	E	E	E	E	G	G	E
Ozone	X	X	G	E	E	E	X	F	G
P-Cymene	X		X	X			X	X	X
Paint Thinner	X	X	X	X			X	X	X
Palmitic Acid	C	G	C	C	E	E	E	G	C
Papermakers Alum									
Para-Dichlorobenzene	X	X	X	X			X	X	X
Paraffin Wax	X		X	X			E	G	E
Paraldehyde	F		E	E			C	G	X
Paraxylene	X		X	X			X	X	X
Pelargonic Alcohol	E		E	E	E	E	E	E	E
Pentachloroethane	X		X				X	X	X
Pentamethylene	X		X	X			G	C	X
Pentane	X	X	X	X	E	E	E	E	C
Pentanol	E		E		E	E			E
Pentanone	X		G	G			X	X	X
Pentasol	X	G	E	G	E	E	C	G	E

CHEMICAL OR MATERIAL CONVEYED	COMPOUND										
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM		
Pentyl Acetate	C	X	X	C	E	E	X	X	X		
Pentyl Alcohol	C	G	C	E	E	E	C	C	E		
Pentyl Bromide	X		X	C			X	X	X		
Pentyl Chloride	X	X	X	X	E	E	X	X	X		
Pentyl Ether	X		X	X			C	X	F		
Pentylamine	F		G	X			F	F	F		
Perchloric Acid	C	X	C	G	E	E	X	E	C		
Perchloroethylene	X	X	X	X	E	E	F	X	X		
Perchloromethane	X		X	X			X	X	X		
Petroleum Crude	X	X	X	X	E	E	G	G	E		
Petroleum Ether	X	X	X	X			E	X	C		
Petroleum Oils	X	X	X	X	E	E	X	G	G		
Phenol	C	X	C	X	E	E	X	X	C		
Phenolsulfonic Acid	C	X	G	E			C	C	C		
Phenylamine	X		E	C	E	E	X	X	C		
Phenylbromide	X		X						X		
Phenylmethane	X		X	X	E	E	X	X	X		
Phenylmethanol	X		E	C			X	C	C		
Phosphate Esters	X	X	E	E			X	X	X		
Phosphoric Acid 10%	E	E	E	E	E	E	E	E	E		
Phosphoric Acid 10% - 85%	G	G	E	E	E	E	G	G	E		
Phosphorus Trichloride	X	X	E	E	E	E	X	X	X		
Picric Acid, H2O Solution	C	G	G	E			E	E	E		
Pine Oil	X	X	X	X	E	E	E	X	X		
Pinene	X	X	X	X			C	C	X		
Polyethylene Glycol E-400	E		E	E			C	G	E		
Polyol Ester				X			G	X			
Polypropylene Glycol	E		E		E	E	E	E	E		
Potassium Acetate	E	X	E	E			C	E	E		
Potassium Bisulfate	E	G	E	E			E	E	E		
Potassium Bisulfite	E	G	E	E			E	E	E		
Potassium Carbonate	E	E	E	E	E	E	E	E	E		
Potassium Chloride	E	E	E	E	E	E	E	E	G		
Potassium Chromate	G	G	E	E			G	E	F		
Potassium Cyanide	E	E	E	E	E	E	E	E	E		
Potassium Dichromate	C	G	E	E	E	E	E	E	G		
Potassium Hydrate	C	G	E		E	E			E		
Potassium Hydroxyde	C	G	E	E	E	E	G	G	E		
Potassium Nitrate	E	E	E	E	E	E	E	E	E		
Potassium Permanganate, 5%	E	G	E	E	E	E	F	E	G		
Potassium Silicate	E	E	E	E			E	E	E		
Potassium Sulfate	C	G	E	E	E	E	E	E	E		
Potassium Sulfide	G	G	E	E			C	E	E		
Potassium Sulfite	C	G	E	E	E	E		E	C		
Prestone Antifreeze	E	E	E	E			E	E	E		
Producer Gas	X	X	X	X			E	G	C		
Propane	X	X	X	X	E	E	E	E	E		
Propanediol	E	E	E	E	E	E	E	G	E		
Propanetriol	E	E	E	E	E	E	E	E	E		
Propanol	E	E	E	E	E	E	E	E	E		
Propanone	C	G	E	E	E	E	X	X	C		
Propenol	E		E						E		
Propanediamine	G	E	E			G			F		
Propene Nitrile	G		X		E	E	X	X			
Propenyl Alcohol	E		E	E	E	E	E	E	E		
Propenyl Anisole	X		X		E	E	X		X		
Propionic Acid	E	X	E	E			C	C	G		
Propionitrile	E		E	C			E	C			
Propyl Acetate	X	X	C	C	E	E	X	X	X		
Propyl Alcohol	E	E	E	E	E	E	E	E	E		
Propyl Aldehyde	F		G	G			X	X	X		
Propyl Benzene	X		X						X		
Propyl Chloride	X		F	F			X	F	X		
Propyl Nitrate	X	X	C	C			X	X	X		
Propylene	X	X	X	X			X	X	X		



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COMPOUND CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM
Propylene Diamine	G		E				G		F
Propylene Glycol	E	E	E	E	E	E	E	E	E
Pydraul, 'E' Series	X	X	C	C			X	X	X
Pydraulic 'C'	X	X	X	X			X	X	X
Red Oil	X	X	X	F	E	E	E	F	C
Refrigerant 11	X	X	X		E	E			E
Refrigerant 12	X	E	X		E	E			E
Refrigerant 22	C	E	X		E	E			E
Resorcinol	E	G	E	G			C	A	G
Sae No. 10 Oil	X	X	X	X			E	C	X
Sal Ammoniac	E	E	E	E	E	E	E	E	E
Sea Water	E	E	E	E	E	E	E	E	E
Sewage	G	G	G	G	E	E	E	C	E
Silicate Esters	X	C	X	X			G	E	G
Silicate Of Soda	E	E	E	E			E	E	E
Silicone Grease	E	E	E	E	E	E	E	E	E
Silicone Oil	E	E	E	E	E	E	E	E	E
Silver Nitrate	E	G	E	E	E	E	C	E	E
Skydrol 500 Type 2	X	X	G	E			X	X	X
Skydrol 500B	X	X	G	E			X	X	X
Skydrol 500C	X	X	G	E			X	X	X
Skydrol 7000 Type 2	E	X	E	E			X	X	X
Soap Solutions	F	X	E	E	E	E	E	G	E
Soda Ash	E	X	E	E	E	E	E	E	E
Soda Lime	E		E	E			G	G	G
Soda Niter	G	G	E	E	E	E	E	G	E
Sodium Acetate	F	X	F	E	E	E	G	C	G
Sodium Aluminate	E	G	E	E			E	E	E
Sodium Bicarbonate	E	E	E	E	E	E	E	E	E
Sodium Bisulfate	E	G	E	E	E	E	E	E	E
Sodium Bisulfite	E	G	E	E	E	E	E	E	E
Sodium Borate	E	E	E	E	E	E	E	E	E
Sodium Carbonate	E	E	E	E	E	E	E	E	E
Sodium Chloride	E	E	E	E	E	E	E	E	E
Sodium Cyanide	E	E	E	E	E	E	E	E	E
Sodium Dichromate	X	G	E	E			E	F	G
Sodium Hydrate	E	G	E	E	E	E	X	G	C
Sodium Hydrochlorite	F	G	G	G			F	F	E
Sodium Hydroxide	E	G	E	E	E	E	X	G	C
Sodium Hypochlorite	X	F	C	E	E	E	C	C	G
Sodium Metaphosphate	E	E	G	E	E	E	E	E	C
Sodium Nitrate	G	G	E	E	E	E	C	G	E
Sodium Perborate	G	G	E	E			C	G	E
Sodium Peroxide	C	G	E	E	E	E	C	G	G
Sodium Phosphate	E	E	E	E	E	E	E	G	E
Sodium Silicate	E	E	E	E	E	E	E	E	E
Sodium Sulfate	C	G	E	E	E	E	E	E	E
Sodium Sulfide	G	G	E	E	E	E	E	E	E
Sodium Sulfite	G	G	E	E	E	E	E	E	E
Sodium Thiosulfate	G		E	E	E	E	C	E	E
Soybean Oil	X	X	G	C			E	E	G
Stannic Chloride	E	E	E	E	E	E	E	G	E
Stannic Sulfide	E		E	E			E	E	E
Stannous Chloride	E	E	E	G	E	E	E	E	E
Stannous Sulfide	E		E	E			E	E	E
Steam, Below 350 Deg F	C	X	G	E	X	X	X	X	C
Stearic Acid	C	G	C	G	E	E	G	G	G
Stoddard Solvent	X	X	X	X	E	E	E	G	X
Styrene	X	X	X	X	F	F	X	X	X
Sulfamic Acid	G		E	E			C	G	E
Sulfur	X	X	E	E	E	E	X	E	E
Sulfur Chloride	X	X	X	E			C	E	
Sulfur Dioxide	C	G	C	E			G	X	C
Sulfur Trioxide, Dry	C	X	G	E	X	X	X	X	X
Sulfuric Acid 60%	X	X	E	E	X	X	G	X	G

COMPOUND CHEMICAL OR MATERIAL CONVEYED	COMPOUND								
	NR	SBR	IIR	EPDM	XLPE	UHMWPE	NBR	CR	CSM
Sulfuric Acid, Conc.	X	X	X	X	F	F	X	X	X
Sulfuric Acid, Fuming	X	X	X	X	X	X	X	X	X
Sulfuric Acid, 25%	E	F	G	E	E	E	C	C	E
Sulfuric Acid, 25%-50%	G	F	G	E	E	E	C	X	G
Sulfuric Acid, 50%-96%	C	X	C	X	G	G	X	X	C
Sulfurous Acid, 10%	G	G	E	E	E	E	E	C	E
Sulfurous Acid, 10%-75%	G	G	E	E	E	E	F	C	E
T-Butyl Amine	X		C	C			C	X	X
Tall Oil	X	X	X	X			E	C	F
Tallow	X	X	X	E	E	E	E	G	F
Tannic Acid	E	G	E	E	E	E	E	E	E
Tar	X	X	X	X	X	F	X	X	
Tar Bituminous	X	X	X	X			G	C	X
Tartaric Acid	E	G	G	G	E	E	E	E	E
Tellone 2	C								
Tertiary Butyl Alcohol	C	G	C	C			C	C	C
Terpineol	X	X	C						X
Tertiary Butyl Amine	X		C	C			C	X	X
Tertiary Butyl Mercaptan	X	X	X	X			X	X	X
Tetrachlorobenzene	X		X	X			X	X	X
Tetrachloroethane	X	X	X	X	F	F	X	X	X
Tetrachloroethylene	X	X	X	X	F	F	C	X	X
Tetrachloromethane	X		X	X	E	E	X	X	X
Tetrachloronaphthalene	X		X	X	E	E	X	X	X
Tetraethylene Glycol	E		E	E			E	E	E
Tetraethylorthosilicate	X		E	E			E	E	
Tetrahydrofuran	X	X	C	X			X	X	X
Tin Chloride	E		E	E	E	E	E	C	C
Titanium Tetrachloride	X	X	X	X			C	C	X
Toluene	X	X	X	X	E	E	X	X	X
Toluidine	X		X	X	E	F	C	X	X
Toluol	X	X	X	X	E	E	X	X	X
Transformer Oil	X	X	X	X	E	E	C	C	C
Transmission 'A' Oil	X		X	X			E	C	C
Tri-Amine	C		E	E			G	C	C
Tributyl Phosphate	C	X	G	G			F		X
Tributylamine	G		E				G		F
Trichloroacetic Acid	C	X	C	C			C	C	X
Trichlorobenzene	X	X	X	X	F	F	C	X	X
Trichloroethane	X	X	X	X			X	X	X
Trichloroethylene	X	X	X	X	F	F	X	X	X
Trichloromethane	X	X	X	X	F	F	X	X	X
Trichlorotoluene	X			E			X	X	X
Tricresyl Phosphate	X	X	E	E			X	X	X
Triethanolamine	C	G	E	E	E	E	C	C	C
Triethylamine	G	X	G	E			E	G	E
Triethylene Glycol	E		E	E	E	E	C	E	E
Trihydroxybenzoic Acid	E		C	C			C	C	G
Trimethyl Pentane	X	X	X	X			E	G	C
Trimethylamine	E		E	C			C	E	E
Trisodium Phosphate	E	E	E	E	E	E	E	E	E
Tritoyl Phosphate	X	X	E	E			X	C	C
Tung Oil	X	X	C	X	E	E	E	C	C
Tung Oil	X	X	C	X	E	E	E	C	C
Turpentine	X	X	X	X	E	E	E	X	X
Unsymmetrical Dimethyl Hydrazine	E	X	E	E			C	C	E
Undecyl Alcohol	E		E	E			E	E	E
Urea	E		E	E	E	E	G	G	E
Uric Acid	E		E	E			C	E	E
Varnish	X	X	X	X	E	E	G	X	X
Vegetable Oils	X	X	C	F	E	E	E	C	G
Versilube F44	E	E	E	E			E	E	E
Versilube F55	E	E	E	X			E	E	E
Vinegar	G	G	E	E	E	E	G	G	E
Vinegar Acid	G		E	E	E	E			E