

Compatibility Guide

A=Excellent, B=Good, C=Fair to Poor, D=Not recommended

Bold Headings = TPE *Italic Headings = TS*

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytrel	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Acetaldehyde (Ethanol)	D	B	A	D	B	D	D	A	D	C	A	D	B	A	A	A
Acetamide(Ethanimide)	A	A	A	A	D	B	D	A	A	A/70°	A	A/75°	A	A	A	A
Acetate Solvents	D	B	A	D	D	D	D	A	D	B	A/70°	A/70°	A	D	A	A
Acetic Acid	C	B	A	C	D	C	C	A	C	B	D	A	B	D	A	A
Acetic Anhydride	D	A	A	D	C(B)	B	D	B	D	C	D	D	B	D	A	A
Acetone	D	B	A	D	C	D	D	A	D	D	B	D	A	A	A	A
Acetonitrile (Methyl Cyanide)	D	A/70°	A	D	X	D	B	A	D	B/70°	X	A/120°	A	A	A	B
Acetophenone (Acetyl Benzene)	D	B	A	D	X	D	X	B	D	B/70°	X	A/70°	B	A	A	B
Acetyl Acetone	D	X	A	D	X	D	D	A	D	X	X	X	D	A	A	X
Acetyl Chloride	D	B/70°	A	D	D	D	D	D	B	D	X	A/120°	D	A	B	A
Acetylene	A	X	A	A	A	B	D	A	A	D	A	A	A	A	A	A
Acetyl Salicylic Acid (Aspirin)	X	C	A	A	X	B	X	B	A	X	X	X	D	B	B	X
Acrolein (Acryaldehyde)	X	A	A	C	D	D	D	A	B	X	X	X	B	B	B	X
Acrylonitrile (Vinyl Cyanide)	D	D	A	D	D	D	D	D	C	B	X	A/70°	A	A	A	A
Adipic Acid	B	B	A	A	D	A/140°	X	A	A	A	A/70°	A	B	B	B	A
Aero Lubriplate	A	C	A	A	D	A	X	D	A	A	A	A	A	A	A	A
Aerosafe 2300	D	B	A	D	A	D	A	A	D	X	A	X	A	A	A	X
Aerosafe 2300W	D	B	A	D	A	D	D	A	D	X	A	X	A	A	A	X
Aeroshell 1AC	A	D	A	A	D	B	B	D	A	A	A	B	A	A	A	A
Aeroshell 7A Grease	A	D	A	A	D	B	D	D	A	X	A	X	A	A	A	X
Aeroshell 17 Grease	A	D	A	A	D	B	A	D	A	X	A	X	A	A	A	X
Aeroshell 750	C	D	A	B	D	D	A	D	A	X	A	X	A	A	A	A
Alcohol Amyl (1-Pentanol)	B	A	A	B	A	B	D	A	B	A	A	A	B/70°	B	A	A
Alcohol Benzyl (Phenol Carbinol)	D	A	A	D	D	B	C	C	A	A/70°	A/70°	A	B/70°	A	A	A
Alcohol Butyl (Butanol)	B	A	A	A	D	A	D	A	A	B	A	A	B	B	A	A
Alcohol Diacetone (Tyranon)	D	C	A	D	D	D	D	B	D	B	A	A/70°	B	B	A	A
Alcohol Ethyl (Ethanol)	A	B	A	A	A	A	D	A	A	A	A	A	B/200°	A	A	A
Alcohol Hexyl (1-Hexanol)	A	B	A	A	D	B	D	B	A	A/70°	A	A	A	A	A	A
Alcohol Isobutyl (2-Methyl-1-Propanol)	C	A	A	C	B	A	D	B	A	A/70°	A	A	B	C	A	A
Alcohol Isopropyl (2-Propanol)	C	B	A	C	A	B	D	B	A	A	A	A/150°	B	C	A	A
Alcohol Methyl (Methanol)	A	A	A	A	A	A	D	B	D	A/120°	A	A	B	A	A	A
Alcohol Octyl (Caprylic Alcohol)	X	B	A	B	D	B	D	A	A	X	A	X	A	A	A	A
Alcohol Propyl (Propanol)	A	A	A	A	D	A	D	B	A	A	A	A/120°	A	A	A	A
Allyl Alcohol	A	A	A	A	D	A	B	A	B	A	X	A	B	A	A	A
Allyl Bromide	D	X	A	D	D	D	A	D	B	X	X	X	D	A	X	X
Allyl Chloride	C	X	A	B	D	D	D	D	B	A	X	A	D	C	B	X
Alkazene	D	D	A	D	D	D	D	X	A	X	X	X	X	X	X	X
Almond Oil (Artificial)	D	C	A	D	D	D	D	B/70°	D	D	X	X	X	X	X	X
Alum (Aluminum Potassium Sulfate)	A	A	A	A	D	A	D	A	A	A	A	A	C	D	B	B
Aluminum Acetate	X	A	A	B	X	B	D	A	D	A	A	X	A	D	B	B
Aluminum Ammonium Sulfate	A	B	A	A	X	A/170°	X	A	A	A	X	A	X	X	X	X
Aluminum Bromide	B	B	A	A	D	A	D	A	A	X	X	A	X	X	X	X
Aluminum Chloride	A	A	A	A	B	A	B	A	A	A	B	A	B	D	C	A
Aluminum Fluoride	B	A	A	A	X	A	C/70°	B	A	A	D	A	B	D	A	B
Aluminum Hydroxide	A	A	A	A	D	A	B	A	A	A	A	A	A	D	A	B
Aluminum Nitrate	A	A	A	A	X	A/70°	C	A	A	A	B	A	B	D	A	B
Aluminum Phosphate	A	A	A	A	X	A	D	A	A	A	A	A	X	X	A	X
Aluminum Potassium Sulfate (Alum)	A	A	A	A	D	A	D	A	A	A	A	A	C	D	B	B

4

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Aluminum Sulfate (Sulphate)	A	A	A	A	(B)	A	B	A	A	A	B/70°	A	A	D	A	A
Amines	D	A	A	D	D	D	D	C	D	B/120°	C/70°	X	A	D	A	B
Ammonia, Gas, Cold	B	A	A	A	D	A	B	A	D	B	A	D	X	X	X	X
Ammonia, Anhydrous	B	A	A	B	D	A	X	A	D	A/70°	D	D	A/70°	A	A	A
Ammonia Liquids	B	A	A	B	X	A	B	A	D	A/70°	D	A	D	A	A	B
Ammonia Nitrate	A	A	A	A	X	C	B	A	D	A	B/70°	A	C	A	A	B
Ammonium Acetate	A	A	A	A	D	A	D	A	A	A	C	X	B	A	X	X
Ammonium Bicarbonate	B	A	A	A	X	A	C	B	D	X	X	X	X	X	X	X
Ammonium Bifluoride	A	A	A	A	X	A	D	A	A	A	X	A	X	D	X	X
Ammonium Carbonate	C	A	A	B	X	A	A	A	A	A	D	A	B	B	B	B
Ammonium Casenite	X	A	A	X	X	A	X	X	X	X	A	X	X	X	A	X
Ammonium Chloride 1%	A	A	A	B	A/70°	A	B/70°	A	A	A	A	A	C	D	C	A
Ammonium Dichromate	B	A	A	A	X	A	X	A	X	X	X	X	A	A	X	X
Ammonium Diphosphate	X	A	A	A	D	A	X	A	A	X	X	X	X	X	X	X
Ammonium Fluoride	B	B	A	B	X	B	X	A	A	A	X	A	D	D	D	A
Ammonium Hydroxide	B	A	A	B	(B)	A	D	A	B	A	B	A	B	B	B	A
Ammonium Nitrate	A	A	A	A	X	A	A	A	A	A	B	A	B	A	A	A
Ammonium Nitrite	A	A	A	A	X	A	D	A	A	A/70°	X	A	X	X	A	X
Ammonium Oxalate- 5% Sol.	B	A	A	A	X	A	X	A	X	X	B	X	X	D	A	A
Ammonium Persulfate Sol.	D	A	A	D	X	A	D	B	A	A	X	A	C	D	A	A
Ammonium Phosphate	A	A	A	A	B	A	B	A	A	A	B	A	B	D	A	A
Ammonium Sulfamate	A	A	A	A	B	A	A	A	A	X	X	X	X	X	X	X
Ammonium Sulfate	A	A	A	A	B	A	A	A	A	A	A	A	B	C	A	B
Ammonium Sulfide	X	X	A	A	X	A	B	A	D	X	X	X	X	X	X	X
Ammonium Sulfite	A	A	A	A	X	A	D	A	A	A	D	X	C	D	B	A
Ammonium Sulphate 1% - 5%	A	X	A	A	C	A	B	X	D	A	A	A	B	C	A	B
Ammonium Thiocyanate	X	X	A	A	X	A	X	A	A	X	X	A	C	C	A	A
Ammonium Thiosulfate	A	A	A	A	X	A	X	A	A	X	B	X	A	D	A	X
Ammonium Thiophosphate	A	A	A	A	D	A	X	A	A	X	X	X	X	X	X	X
Amyl Acetate (banana oil)	D	D	A	D	C	D	D	A	D	B	D	A/120°	B	X	A	B
Amyl Alcohol	B	A	A	B	A	A	D	A	A	B	A	A	B	C	A	B
Amyl Borate	X	B	A	B	X	A	D	D	A	X	X	X	X	X	X	X
Amyl Chloride (Chloropentane)	D	C	A	D	D	D	C	D	A	D	A	A	D	A	A	B
Amyl Chloranaphthalene	C	C	A	B	X	D	D	D	A	X	X	X	X	X	X	X
Amyl Naphthalene	D	C	A	D	D	D	D	D	A	X	X	X	X	X	X	X
Amyl Phenol	X	C	A	D	X	X	X	X	A	X	X	X	A	A	A	A
Anderol, L-774 (Di-Ester)	X	X	A	A	X	D	D	D	A	X	X	X	X	X	X	X
L-826 (Di-Ester)	D	D	A	B	D	D	D	D	A	X	X	X	X	X	X	X
L-829 (Di-Ester)	D	D	A	B	D	D	D	D	A	X	X	X	X	X	X	X
ANG-25 (Glycerol Ester)	D	X	A	B	X	B	D	A	A	X	X	X	X	X	X	X
ANG-25 (Di-Ester Base) (TG7449)	D	D	A	B	X	D	D	D	A	X	X	X	X	X	X	X
Anhydrous Ammonia	B	A	A	D	D	D	D	A	D	A/70°	D	D	B	D	A	A
Anhydrous Hydrazine	D	X	A	D	X	B	D	B	D	X	X	X	X	X	X	X
Anhydrous Hydrogen Fluoride	D	C	A	D	X	X	D	A	D	X	X	X	X	X	X	X
Aniline	D	A	A	D	C	D	D	D	D	A	A/70°	A/70°	C	C	A	B
Aniline Dyes	D	B	A	C	D	B	D	A	A	X	D	X	B	A	B	X
Aniline Hydrochloride	D	A	A	C	X	D	D	B	B	D	X	A/100°	D	D	D	X
Aniline Oil	D	C	A	D	D	D	D	B	C	X	X	X	B	A	A	B

51

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Aniline Sulfite	X	X	X	X	X	X	X	X	X	X	X	X	X	X	C	X
Animal Oil (Lard Oil)	B	B	A	A	B	A	C	A	A	A	A	A	A	A	A	A
Animal Gelatin	B	B	A	A	X	A	A	A	A	X	X	X	X	X	A	X
AN-0-3 Grade M	B	B	A	A	D	D	B	B	A	X	X	X	X	X	X	X
AN-0-6	B	X	A	A	D	A	D	A	A	X	X	X	X	X	X	X
AN-0-366	B	X	A	A	D	D	D	C	A	X	X	X	X	X	X	X
Ansul Ether 161 or 181	D	D	A	C	D	X	B	C	D	X	X	X	X	X	X	X
Anthraquinone	D	D	A	C	D	D	B	C	D	X	X	X	B	B	B	A
Anti-Freeze (Ethylene Glycol)	A	A	A	A	A/70°	A	B	A	A	A	B	A	B	B	A	A
Antimony Chloride	B	A	A	B	D	D	X	A	B	A	X	A	B	A	A	A
Antimony Trichloride	X	A	A	B	D	C	D	B	A	A	X	A	B	A	A	B
AN-VV-0-366b Hydr. Fluid	D	D	A	A	D	C	D	D	A	X	X	X	X	X	X	X
Aqua Regia(20% Nitric, 80% HCL)	D	D	A	D	D	D	D	B/140°	A/70°	B/70°	D	A/70°	D	D	D	C
Argon	A	A	A	A	A	D	A	A	A	X	X	X	X	X	X	X
Aroclor	D	D	A	D	C	D	B/70°	B	A	D	X	X	A	B	A	A
Aromatic Fuel 50%	X	C	A	A	X	D	D	D	A	X	X	X	X	X	X	X
Aromatic Hydrocarbons	D	C	A	D	C/70°	D	D	D	A	D	A	X	A	A	A	X
Arsenic Acid	A	A	A	A	D	B	C	A	A	A	D	A	D	D	A	B
Arsenic Trichloride	B	B	A	A	D	A	X	D	A	X	D	X	D	D	D	B
Ascorbic Acid	X	X	A	X	X	A	X	X	X	X	X	X	A	D	A	X
Askarel	C	D	A	B	D	D	D	D	A	X	X	X	X	X	A	X
Asphalt	B	B	A	B	(B)	C	B	D	A	A	B	A	A	B	A	X
Asphalt Emulsion	B	B	A	B	B	B	B	D	A	X	X	A	B	A	A	A
Asphalt Topping	B	B	A	B	B	B	B	D	A	D	D	D	A	A	A	A
ASTM Oil, NO. 1	C	C	A	A	A	B	B	D	A	X	A	X	A	A	A	A
No.2	X	C	A	A	A	B	D	D	A	X	A	X	A	A	A	A
No.3	C	C	A	A	A	C	D	D	A	X	A	X	A	A	A	A
No.4	X	X	A	B	D	D	D	D	A	X	A	X	A	A	A	A
B	B	C	A	D	A	D	D	D	A	X	X	X	A	A	A	A
C	C	D	A	B	A	D	D	D	A	X	X	X	A	A	A	A
ASTM Reference Fuel A	B	B	A	A	A	B	D	D	A	X	X	X	A	A	A	A
Atlantic Dominion F	X	C	A	B	D	B	D	D	A	X	X	X	X	X	X	X
Aurex 903R (Mobile)	X	X	A	A	D	B	A	D	A	X	X	X	X	X	X	X
Automatic Transmission Fluid	X	D	A	A	A	B	B	D	A	X	A	X	A	A	A	A
Aviation Gasoline, Mil.	B	X	A	A	D	C	D	D	A	X	X	X	A	A	A	A
Bardol B	D	D	A	D	D	X	X	D	A	X	X	X	X	X	X	X
Barium Carbonate	A	A	A	A	X	A	B	A	A	A	A	A	D	A	A	A
Barium Chloride	A	A	A	A	X	A	A	A	A	A	A	A	D	D	B	A
Barium Cyanide	D	A	A	C	X	A	X	A	A	D	B	X	C	B	A	X
Barium Hydroxide (Barium Hydrate)	A	A	A	A	(B)	A	A	A	A	A	D	A	D	B	A	B
Barium Nitrate	A	A	A	A	X	A	B	A	A	A	B	A	B	A	A	A
Barium Sulfate	A	A	A	A	D	A	A	A	A	A	B	A	D	B	A	A
Barium Sulfide	A	A	A	A	X	A	A	A	A	A	A	A	D	D	B	A
Bayol D	D	D	A	D	X	A	X	D	A	X	X	X	X	X	X	X
Bayol 35	D	D	A	D	X	A	X	D	A	X	X	X	X	X	X	X
Beef Extract	A	A	A	A	X	A	X	X	A	X	X	X	X	D	A	X
Benzaldehyde	D	D	A	D	B	D	D	A	D	D	A	A/70°	A	A	A	A
Benzene (Benzol)	C	C	A	D	B	D	D	D	B	B	A	A	B	B	B	A

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Benzene Sulfonic Acid	D	A	A	D	X	B	D	D	B	B/70°	C	A	D	D	B	B
Benzyl Acetate	X	X	A	D	D	X	X	X	D	X	X	X	A	A	A	B
Benzyl Alcohol	D	D	A	D	C	C	D	C	A	A	X	A	A	A	A	B
Benzyl Benzoate	X	C	A	D	D	D	D	B	A	X	X	X	A	B	B	B
Benzyl Chloride (Chlorotoluene)	D	C	A	D	D	D	D	D	A	D	A	A	D	D	B	A
Benzoic Acid	D	A	A	D	D	D	D	B	A	A	B	A	B	D	B	B
Benzol (Benzene)	D	C	A	D	B	D	D	D	B	D	A	A/70°	B	B	A	A
Bichloride of Mercury	B	B	A	A	X	A	A/70°	A	A	X	X	X	X	X	X	X
Biphenyl (Diphenyl)	D	D	A	D	X	D	D	D	A	X	X	X	A	A	X	X
Bismuth Subcarbonate	X	D	A	A	D	D	D	A	X	X	X	X	X	X	X	X
Black Point 77	X	X	A	A	X	C	C/70°	A	A	X	X	X	X	X	B	X
Black Sulphate Liquor	X	X	A	B	B	B	D	B	B	X	X	A/175°	C	B	A	B
Blast Furnace Gas	X	A	A	D	B	D	D	D	A	X	D	X	X	X	X	X
Bleach Solutions (Water, Chlorine)	D	B	A	D	C	D	D	A	B	B	D	A	D	D	B	B
Blood (Meat Juices - Cold)	D	B	A	C	D	A	D	A	C	A	X	X	A	D	A	X
Borax (Sodium Borate)	A	A	A	B	A	A	A	A	A	A	A	A	C	A	A	A
Bordeaux Mixtures	B	A	A	A	B	A	D	A	A	X	X	X	D	C	A	A
Boric Acid	A	A	A	A	A/70°	A	A/70°	A	A	A	C	A	B	D	A	A
Boron Fuels (HEF)	C	D	A	B	D	D	A	D	A	X	X	X	X	X	X	X
Brake Fluid (Non-Petroleum)	D	A	A	C	D	B	A	A	D	D	X	X	A	A	A	A
Brine (Calcium Chloride)	A	A	A	A	B	B	B	A	A	A/70°	A	A	C	D	A	A
Brewery Slop	X	A	A	A	D	A	A	A	A	X	X	X	X	A	A	X
Bromine	D	C	A	D	D	D	D	C	A	B/72°	D	A/150°	D	D	D	A
Bromine- Anhydrous	D	C	A	D	D	D	D	D	A	D	D	A/150°	D	D	D	A
Bromine- Pentafluoride	D	D	A	D	X	D	D	D	D	X	X	X	X	X	X	X
Bromine Trifluoride	D	C	A	D	D	D	D	D	D	D	D	X	D	D	B	X
Bromine Water	D	B	A	D	D	D	D	D	B	D	D	A	D	D	B	X
Bromobenzene	D	D	A	D	D	D	D	D	B	D	D	A	D	B	B	B
Bromochloromethane	X	X	A	D	X	D	D	B	C	X	X	X	D	B	B	B
Bromochloro Trifluoroethane	X	D	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Bromotoluene	X	X	A	D	X	X	X	X	B	X	X	X	D	A	A	A
Bronzing Liquid	X	A	A	A/70°	X	D	D	B/70°	D	X	X	X	X	X	A	A
Bunker Oil	B	B	A	A/70°	D	D	D	D	A	X	X	X	A	A	A	A
Butadiene (Monomer)	D	D	A	D	D	D	D	D	B	D	A	A	A	A	A	X
Butane (LPG) (Butyl Hydride)	A	D	A	A	A	B	D	D	A	B	A	A	A	A	A	A
Butanol (Butyl Alcohol)	B	B	A	A/70°	B	A	D	A	A	B	A	A	B	B	A	A
Butter	A	B	A	A	B	B	A	A	A	A	A	A	A	D	A	X
Buttermilk	A	A	A	A	X	A	A	A	A	A	A	A	A	D	A	A
Butyl Acetate	B	B	A	D	C	D	D	D	D	B/70°	B	A	A	A	A	A
Butyl Acetyl Ricinoleate	D	B	A	C	X	B/70°	D	A/70°	A/70°	X	X	X	A	A	A	A
Butyl Acrylate	D	C	A	D	D	D	X	D	D	D	A	A/70°	X	X	X	X
Butyl Alcohol (Butanol)	A	A	A	A	B	A	D	B	A	A/70°	X	A	A	B	A	A
Butyl Amine (Aminobutane)	B	A	A	B	D	D	D	D	D	B	C	B/70°	A	A	A	B
Butyl Benzoate	X	C	A	D	X	D	D	A	A	X	A	X	B	B	B	B
Butyl Butyrate	X	C	A	D	D	D	X	A	X	X	X	X	A	A	A	A
Butyl Carbitol	D	B	A	D	X	C	D	A	C	X	A	X	X	X	X	X
Butyl Cellosolve	D	A	A	C	X	D	D	A	D	X	A	B	X	X	X	X
Butyl Chloride (Chlorobutane)	D	D	A	D	X	C	X	X	A	D	X	A	A/70°	A	A	A

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Butyl Ether (DiButyl Ether)	X	C	A	A	X	B	X	X	C	D	X	A/100°	A	A	A	X
Butyl Oleate	D	C	A	D	X	D	X	B	A	X	A	X	X	X	X	X
Butyl Stearate	C	C	<i>A/70°</i>	B	X	D	B	D	A	X	A	A/100°	B	B	B	B
Butylene (Butene)	C	C	A	A	B	C	C	C	A	B	A	A	A	X	A	X
Butyraldehyde	D	C	A	D	D	D	D	C	D	D	A	B	A	A	A	A
Butyric Acid	D	A	A	D	B	D	D	B	B	A	D	A	A	D	B	A
Butyric Anhydride	X	A	A	C	X	X	X	X	X	X	X	X	A	A	A	A
Butyronitrile	X	X	A	D	D	D	X	A	C	X	X	X	X	X	X	X
Cadmium Sulfate (25% Concentration)	X	X	A	C	D	X	D	X	X	X	X	X	X	X	X	X
Calcium Acetate (Hydrate)	X	X	A	B	D	B	D	A	D	X	X	X	C	C	B	B
Calcium Acid Sulphate	X	X	A	C	X	C	X	B	D	X	X	X	X	X	X	X
Calcium Bisulphate	A	X	A	A	X	C	A	A	A	X	X	X	X	X	X	X
Calcium Bisulfide	A	D	A	A	B	A	A	D	A	A	A	A	C	D	B	A
Calcium Bisulfite	A	D	A	A	D	A	A	D	A	A	D	A	D	D	A	A
Calcium Carbonate (Chalk)	A	A	A	A	X	A	D	A	A	A	A	A	C	B	A	A
Calcium Chlorate	A	A	A	A	X	A	B	A	A	A	X	A	B	B	B	B
Calcium Chloride (Brine)	A	A	A	A	A	A	A	A	A	A	D	A	C	C	C	A
Calcium Hydrosulfide (Calcium Sulfhydrate)	X	A	A	A	X	A	X	A	A	X	X	X	X	X	X	X
Calcium Hydroxide - 10% (Boiling)	A	A	A	A	B	A	A	A	A	A	A/150°	A	C	A	A	A
Calcium Hypochlorite	C	A	A	C	B	D	D	A	A	A	A	A	C	D	A	A
Calcium Nitrate	C	A	A	B	X	B	D	B	A	A	D	A	B	C	B	B
Calcium Oxide (Unslaked Lime)	A	A	A	A	B	A	B	A	A	X	X	X	A	A	A	A
Calcium Silicate	X	X	A	A	X	A	X	A	A	X	X	X	A	B	A	A
Calcium Sulfate (Gypsum)	A	A	A	A	X	D	B	A	A	A	D	A	B	A	A	B
Calcium Sulfide	A	A	A	A	X	B	A	A	A	A/120°	X	A	A	B	B	A
Calcium Sulfite	B	A	A	A	X	A	A	A	A	X	X	X	B	B	A	X
Calcium Thiosulfate	C	A	A	B	D	A	A	A	A	X	X	X	X	X	X	X
Calgon	A	A	A	A	D	A	D	A	A	A	A	X	X	D	A	X
Cane Juice	B	A	A	A	X	A	D	A	A	B/72°	A	B	B	A	A	X
Cane Sugar Liquors	A	A	A	A	B	A	D	A	A	A	X	A	A	B	A	X
Capryl Alcohol (Octanol)	B	A	A	A	X	D	D	A	B	X	X	X	A	A	A	A
Caprylic Acid (Octanoic acid)	C	A	A	C	X	X	X	A	A	X	X	A	A	X	A	A
Caproic Aldehyde	X	X	A	D	X	X	X	X	D	X	X	X	X	X	X	X
Carbamate	D	A	A	C	X	B	D	B	A	X	X	X	X	X	X	X
Carbitol	C	B	A	B	X	B	D	B	A	C	X	A	B	B	B	X
Carbolic Acid (Phenol)	D	A	A	D	D	C	C	C	A	B	D	A/70°	B	D	A	A
Carbon Bisulfide	D	D	A	D	B	D	C	D	A	D	B	A	A	B	B	B
Carbon Dioxide	B	A	A	A	C	A	C	A	B	A	A	A	A	D	A	A
Carbon Disulfide	D	D	A	D	C	D	C	D	A	D	B	A/70°	A	B	B	B
Carbon Monoxide	A	A	A	A	A	B	A	C	A	A	B	A	A	A	A	A
Carbon Tetrachloride - Pure	D	D	A	C	D	D	A	D	A	B/70°	A	A	D	C	A	A
Carbonated Beverages	A	A	A	A	X	A	B	A	A	A	X	A	C	D	A	A
Carbonic Acid	B	A	A	A	C	A	C	A	A	A	A	A	D	B	A	X
Casein	X	A	A	A	X	A	X	A	A	X	X	X	B	X	B	B
Casing Head Gas	X	X	A	A	X	A	X	X	X	X	X	X	X	X	X	X
Castor Oil	B	B	A	A	C	A	A	B	A	X	X	X	A	B	A	A
Catsup (Ketchup)	A	A	A	A	X	D	D	X	A	A	B	X	D	D	A	A
Cellosolve (Glycol Ethers)	D	C	A	D	D	D	D	B	D	A	A	A	B	B	B	A

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytrel	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Convelex 10	D	D	A	D	D	D	D	X	A	X	X	X	X	X	X	X
Coolanol (Monsanto)	B	D	X	A	X	B	D	D	A	X	A	A	D	D	C	B
Copper Acetate	X	A	A	B	D	B	D	A	D	X	A	A	D	D	C	B
Copper Chloride - 1%	A	A	A	A	A	A	D	A	A	A	A	A	D	D	D	B
Copper Cyanide	A	A	A	A	A	A	A	A	A	A	A	A	D	D	A	A
Copper Fluoborate	X	A	A	B	A	A	A	X	A	X	B	X	D	D	D	B
Copper Nitrate	B	A	A	A/140°	A	A/140°	B/70°	A	A	A	A	A	D	D	A	A
Copper Sulfate - 5% Solution	A	A	A	A	A	A	A	A	A	A	D	A	D	D	A	A
Corn Oil	B	D	A	A	A	C	A	D	A	A	X	A	B	C	B	X
Cottonseed Oil	B	B	A	A	A/70°	C	A/70°	A/70°	A	A	B	A	A	C	A	X
Creosols	D	C	A	D	X	D	D	D	A	D	B	A/150°	B	C	A	B
Creosote, Coal Tar	D	D	A	B	D	D	D	D	A	D	X	X	B	B	B	B
Creosote, Wood	D	D	A	A	D	C	C	D	A	D	D	X	X	X	B	X
Cresylic Acid (Cresol)	D	B	A	D	D	D	D	D	A	C	D	A/150°	C	A	A	B
Crotonaldehyde	X	B	A	D	X	D	D	A	D	X	X	X	A	A	A	A
Crude Oil	C	C	A	B	B	B	D	D	A	B/150°	D	A/120°	A	A	A	B
Cumene (Isopropylbenzene)	D	D	A	D	X	D	D	D	A	X	X	X	B	B	B	B
Cutting Oil (Water Soluble)	C	D	A	C	X	D	A	D	A	X	X	X	A	A	A	A
Cutting Oil (Sulfur Base)	B	D	A	A	X	C	A	D	A	X	X	X	A	A	A	A
Cyclohexane	A	C	A	A	A	D	B	D	A	C/70°	A	A	A	B	A	B
Cyclohexanol	C	D	A	B	X	A	B	C	A	B/70°	A	A/150°	C	B	B	A
Cyclohexanone	D	D	A	D	D	D	D	C	D	D	A	B/70°	B	B	B	B
Cyanoic Acid	D	B	A	C	X	D	D	A	D	X	D	X	X	D	A	X
P-Cymene	D	B	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Decalin	D	C	A	D	X	D	D	D	A	B/120°	X	A/175°	X	X	X	X
Decanal	X	D	A	D	X	D	X	D	D	X	X	X	X	X	X	X
Decane	A	B	A	B	X	D	B	D	A	A/70°	X	A	X	X	X	X
Decyl Alcohol (Decanol)	X	X	A	B	X	D	D	X	B	X	X	X	X	X	X	X
De-Ionized Water	A	A	A	A	A	A	X	A	A	A	X	A	A	C	A	A
Degreasing Fluid (Chlorinated)	D	D	A	D	X	D	A	D	A	X	X	X	X	X	X	X
Denatured Alcohol	A	B	A	A	X	A	D	A	B	A	A	A	A	A	A	A
Detergent Solutions	B	B	A	A	B	B	A	A	A	A	A	A	A	A	A	X
Developing Fluids (Photo)	X	A	A	A	D	A	D	B	A	X	A	X	X	D	A	A
Dextrose	A	A	A	A	B/140°	B	A	A	A	A	X	A	A	D	A	A
Dextron	C	D	A	A	X	B	B	D	A	X	X	X	X	X	X	X
Diacetone Alcohol (Diacetol)	D	B	A	D	C	D	D	A	D	B	A	A/70°	A	A	A	A
Diamylamine	X	B	A	B	X	D	D	A	D	X	X	X	X	X	X	X
Diazinon	D	D	A	C	D	C	D	D	B	X	X	X	X	X	X	X
Dibenzyl Ether	X	C	A	D	X	D	B	C	C	X	X	C	B	B	B	B
Dibenzyl Sebacate	D	C	A	D	X	D	B	B	B	X	X	X	X	X	X	X
Dibromoethyl Benzene	D	C	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Dibutyl Amine	D	C	A	C	X	D	D	D	B	D	X	B	X	X	X	X
Dibutyl Ether	D	B	A	D	X	D	D	C	C	X	X	X	X	X	X	X
Dibutyl Phthalate	B	B	A	D	A	D	C	A	B	B	X	D	A	A	A	A
Dibutyl Sebacate	D	B	A	D	A	D	D	B	B	B/72	X	D	X	A	A	X
Dichloroacetic Acid	X	B	A	D	X	D	X	C	D	X	X	X	X	X	X	X
Dichlorethane	D	D	A	D	D	D	D	D	B	A	A	A/70°	X	D	A	B
P-Dichlorobenzene	D	D	A	D	D	D	D	D	A	B	B	A/150°	D	B	B	A

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Dichlorobutane	X	X	A	B	X	D	D	D	A	X	X	X	D	B	B	X
Dichloroethyl Ether	X	X	A	D	X	X	X	X	X	X	X	X	B	X	X	X
Dichloro Isopropyl Ether	D	D	A	D	D	D	B	C	C	D	X	X	D	X	X	X
Dichloropentane	D	D	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Dicyclohexylamine	D	B	A	D	X	D	D	D	D	X	X	X	X	X	X	X
Diesel Oil (Fuel ASTM #2)	B	D	A	A	B	D	B	D	A	<i>B/70°</i>	A	A	A	A	A	A
Di- Ester Lubricant Mil-L-7808	C	D	A	B	X	D	D	D	A	X	X	X	X	X	X	X
Di-Ester Synthetic Lubricants	D	D	A	D	D	D	D	D	A	X	X	X	A	A	A	A
Diethanol Amine	D	X	A	D	D	D	D	A	D	A	X	X	A	A	A	A
Diethyl Amine	D	C	A	C	X	B	C	B	D	A	X	<i>A/70°</i>	B	D	B	X
Diethyl Aniline	D	B	A	D	X	D	D	B	C	A	X	A	X	X	X	X
Diethyl Benzene	D	C	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Diethyl Carbonate	D	D	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Diethyl Ether	D	B	A	D	C	D	A	D	D	D	A	<i>A/70°</i>	B	B	B	B
Diethyl Phthalate (Dep)	B	A	A	D	A	X	X	X	C	X	X	X	A	A	A	A
Diethyl Sebacate	B	B	A	D	A	D	D	B	A	<i>A/120°</i>	X	<i>A/120°</i>	A	A	A	A
Diethyl Sulfate	D	B	A	D	X	A	D	A	D	X	X	X	X	X	X	X
Diethylene Ether (Dioxane)	D	D	A	D	X	X	X	D	X	X	X	X	A	A	A	X
Diethylene Glycol	A	A	A	A	A	A	D	A	A	A	D	X	A	A	A	A
Diethylene Triamine	D	B	A	D	X	D	D	A	D	X	X	X	A	A	A	A
Difluorodibromomethane	D	B	A	D	D	D	D	B	X	X	X	X	X	X	X	X
Diisobutyl Ketone	D	B	A	D	X	D	D	A	D	X	X	X	A	A	A	A
Diisobutylene	C	C	A	B	D	C	D	D	A	<i>A/120°</i>	A	A	B	B	B	X
Diisodecyl Adipate (D10A)	X	X	A	D	X	X	X	X	C	X	X	X	X	X	X	X
Diisodecyl Phthalate (D10P)	X	X	A	D	X	D	X	A	C	X	X	X	X	X	X	X
Diisooctyl Adipate (D10A)	X	X	A	D	X	X	X	X	C	X	X	X	A	A	A	A
Diisooctyl Phthalate (D10P)	D	C	A	D	X	X	X	B	C	X	X	X	X	X	X	X
Diisooctyl Sebacate	D	D	A	C	X	D	D	C	B	X	X	X	X	X	X	X
Diisopropyl Amine	C	X	A	B	X	X	X	X	X	X	X	X	X	X	X	X
Diisopropyl Benzene	D	C	A	D	D	D	D	D	A	X	A	X	X	X	X	X
Diisopropyl Ketone	D	C	A	D	X	D	D	A	D	X	A	A	X	X	A	X
Dimethylaniline	D	B	A	D	X	D	D	B	C	A	D	<i>A/70°</i>	A	X	X	B
Diemethyl Formamide	C	A	A	C	B	D	D	B	D	<i>A/120°</i>	C	D	A	A	A	A
Diemethyl Phthalate	D	A	A	D	A	D	D	B	A	A	X	<i>A/70°</i>	A	A	A	A
Dipentene	C	C	A	A	X	D	D	D	A	X	X	X	A	A	A	A
Diphenyl	D	C	A	D	X	D	D	D	A	X	X	<i>A/120°</i>	A	A	A	A
Diphenyl Oxides	D	C	A	D	X	D	D	D	A	X	D	A	B	A	A	B
Dipropylamine	X	X	A	B	X	X	X	X	X	X	X	X	X	X	X	X
Dipropylene Glycol	A	A	A	A	X	X	X	X	A	A	X	A	X	X	X	X
Dipropyl Ketone (Butyrene)	D	X	A	D	D	X	X	X	D	X	X	X	X	X	X	X
Dispersing Oil #10	D	X	A	D	X	D	X	D	C	X	X	X	A	A	A	A
Divinyl Benzene (DVB)	D	D	A	D	X	D	X	D	A	X	X	X	X	X	X	X
Dodecyl Benzene (Alkane)	D	X	A	D	X	X	X	X	A	X	X	X	A	A	A	X
Dow (Silicones)	A	A	A	A	B	A	A	A	A	X	X	X	A	X	X	X
Dowtherm A	D	D	A	D	B	D	D	D	A	B	X	X	C	B	A	X
Dowtherm E	D	D	X	D	B	D	D	D	A	B	X	X	X	X	X	X
Dry Cleaning Fluid	D	D	A	C	X	D	D	D	A	D	X	A	A	A	A	X
DTE Light Oil	B	D	B	A	B	B	D	D	A	X	X	X	X	X	X	X

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12

MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Epichlorohydrin	D	B	A	D	D	D	D	C	D	A	A	C	D	A	A	A
Epsom Salts	A	A	A	A	X	A	X	A	A	A	B	A	A	A	A	B
Esam-6 Fluid	X	B	X	X	X	B	X	A	D	X	X	X	X	X	X	X
Esstic 42, 43	A	D	X	A	D	B	B	D	A	X	X	X	X	X	X	X
Ethane	C	C	A	A	X	B/70°	B/70°	D	A	C	A	X	A	A	A	A
Ethanol (Ethyl Alcohol)	A	A	A	A	A	A	D	A	A	A	A	A	B	A	A	A
Ethanolamine (Aminoethanol)	B	A	A	B	X	B	C	B	D	B	D	C	B	B	A	B
Ethanol Chloride	D	B	A	D	X	D	X	C	B	X	X	X	X	X	X	X
Ethers	D	C	A	D	X	D	D	C	D	C	A	A/70°	A	C	A	B
Ethyl Acetate	D	A	A	D	B	D	D	B	D	A	A/120°	A	B	A	A	B
Ethyl Acetoacetate	D	B	A	D	D	D	D	A	D	X	A	A/70°	A	A	A	A
Ethyl Acrylate	D	C	A	D	X	D	D	B	D	D	A	C	A	A	A	A
Ethylacrylic Acid	D	C	A	D	X	B	D	B	D	X	X	X	X	X	X	X
Ethyl Alcohol (Ethanol)	A	A	A	A	A	A	D	A	A/70°	A	X	A	B	B	A	A
Ethyl Aluminium Dichloride	D	X	A	D	X	X	X	X	B	X	X	X	X	X	X	X
Ethyl Amine (Monoethylamine)	X	X	A	D	X	D	D	A	D	X	X	X	B	B	A	X
Ethyl Benzene	D	D	A	D	X	D	D	D	A	D	A	C	A	B	B	A
Ethyl Benzoate	D	C	A	D	X	D	D	D	A	B/70°	A	X	A	A	A	A
Ethyl Bromide	C	X	A	B	X	D	D	D	A	D	X	X	A	A	A	X
Ethyl Butyl Acetate	D	X	A	D	X	X	X	X	D	X	X	X	X	X	X	X
Ethyl Butyl Alcohol	A	X	A	A	D	X	D	X	B	X	X	X	X	X	X	X
Ethyl Butyl Ketone	D	X	A	D	X	X	X	X	D	X	X	X	X	X	X	X
Ethyl Butyraldehyde	D	X	A	D	X	X	X	X	D	X	X	X	X	X	X	X
Ethyl Butyrate	D	X	A	D	X	D	X	D	C	B/70°	X	X	B	A	A	A
Ethyl Caprylate	D	X	A	D	X	D	X	D	X	X	X	X	X	X	X	X
Ethyl Cellosolve	C	B	A	D	X	D	D	B	D	X	A	X	X	X	X	X
Ethyl Cellulose	B	A	A	B	B	B	B	B	D	X	A	X	B	A	B	B
Ethyl Chloride	C	D	A	A	C	D	C	A/140°	A	D	A	A	D	C	A	B
Ethyl Chlorocarbonate	D	A	A	D	D	D	D	D	A	X	A	X	D	A	X	X
Ethyl Chloroformate	D	C	A	D	D	D	D	D	A	D	A	X	D	X	X	X
Ethyl Cyanide (Propionitrile)	D	X	A	D	X	B	X	A	D	X	X	X	X	X	X	X
Ethylcyclopentane	X	X	X	A	X	C	A	D	A	X	X	X	X	X	X	X
Ethyl Ether	D	D	A	D	X	D	D	D	D	C/70°	A/70°	B/170°	B	B	A	B
Ethyl Formate	D	B	A	D	D	B	X	B	A	X	A	X	C	A	B	B
Ethyl Hexyl Acetate	X	X	A	D	D	X	X	X	D	X	X	X	X	X	X	X
Ethyl Hexyl Alcohol (Ethylhexanol)	A	A	A	A	D	A	D	A	A	X	X	X	A	A	A	A
Ethyl Iodide	X	X	A	D	X	D	X	C	B	X	X	X	X	X	X	X
Ethyl Isobutyrate	X	X	A	D	X	D	X	D	X	X	X	X	X	X	X	X
Ethyl Mercaptan	D	C	A	D	X	D	A	D	B	X	X	X	B	A	B	B
Ethyl Oxalate	D	B	A	D	D	D	A	A	B	X	X	X	A	X	X	X
Ethyl Pentachlorobenzene	D	D	A	D	X	D	C	D	A	D	X	X	D	X	X	X
Ethyl Propionate	D	D	A	D	D	D	X	D	X	X	X	X	A	A	A	A
Ethyl Silicate	B	B	A	A	B	A	D	A	A	X	X	X	B	A	A	A
Ethyl Sulfate	D	B	A	D	X	A	D	A	D	X	X	X	X	X	D	X
Ethylene (Ethene)	B	C	A	A	D	C	B	D	A	X	A	X	A	A	A	X
Ethylene Chloride	D	D	A	D	C	D	D	C	C	C/70°	A	A	B	C	A	B
Ethylene Chlorohydrin	D	C	A	D	D	B	D	B	A	D	C/70°	A/70°	B	B	B	X
Ethylene Diamine	B	A	A	B	X	A	D	A	D	A	A	B/70°	A	A	A	C

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Ethylene Dibromide	D	D	A	D	X	D	D	D	A	B/70°	X	A	D	B	A	B
Ethylene Dichloride	C	C	A	D	C	D	D	D	B	D	A	A	B	A	A	A
Ethylene Glycol	A	A	A	A	A/70°	A	B	A	A	A	B	A	B	B	A	A
Ethylene Oxide	A	A	A	D	A	D	D	B	D	C/125°	A	A/70°	D	C	A	X
Ethylene Trichloride	X	X	A	D	X	D	D	D	A	D	X	A	D	A	A	X
Ethylidene Chloride	D	D	A	D	X	D	X	D	X	X	X	X	D	B	A	B
Fatty Acids	B	B	A	B	D	B/70°	D	D	A	B/140°	B	A	B	D	A	A
Ferric Chloride	A	A	A	A/150°	B/140°	A/140°	A/70°	A/176°	A/176°	A	X	A	D	D	D	B
Ferric Hydroxide	B	B	A	B	X	B	X	B	B	X	X	X	X	X	A	B
Ferric Nitrate	A	A	A	A	D	B	A/70°	A	A	A	A	A	D	D	A	A
Ferric Sulfate	A	A	A	A	A	A	A	A	A	A	B	A	D	D	A	A
Ferrous Chloride	B	A	A	B	A	A	D	A	A	A	B	A	D	D	D	B
Ferrous Sulfate (Copperas)	A	A	A	B	A	A	A	A	A	A	B/70°	A	D	D	A	B
Fish Oil	A	B	A	A	B	B	B	D	A	X	X	X	X	X	X	X
Fluorine (Anhydrous)	D	D	B	D	D	D	D	D	B	D	A	A/70°	D	D	A	B
Fluoroboric Acid	A	A	A	A	D	A	D	A	A	A	X	A	D	D	B	A
Fluorobenzene	D	C	A	D	X	D	X	D	A	D	A	X	D	X	X	X
Fluorocarbon Oil	D	D	A	X	X	A	X	A	X	D	X	X	D	A	A	A
Fluorochloroethylene	D	C	A	D	X	D	X	D	A	X	X	X	X	X	X	X
Fluorinated Cyclic Ethers	D	D	A	D	X	D	X	A	A	X	X	X	X	X	X	X
Fluorolube (Fluoro Carbonoil)	X	X	A	A	D	A	X	A	B	D	X	X	A	A	A	A
Fluorosulfonic Acid	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fluosilicic Acid	A	A	A	A	B	A	B	B	A/140°	A	X	A	D	D	B	B
Formaldehyde	A	A/70°	A	C	B	B	D	A	A	A	A	A	A	D	A	B
Formamide	A	A	A	A	D	A	X	A	D	X	X	X	A	B	B	B
Formic Acid	A	A	A	D	B	D	D	B	B	A	D	A	D	D	A	A
Freon 11	C	B	A	A	A	B	D	D	C	D	A	A	C	A	A	A
Freon 12	C	D	A	A	A	A	A/130°	B	B	B	A	A	A	A	A	A
Freon 13	D	X	A	A	C	A	C/70°	A	A	D	A	A	A	A	A	A
Freon 13B1	D	X	A	A	X	A	A	A	A	X	X	X	X	X	X	X
Freon 14	A	X	A	A	X	A	A/170°	A	A	X	X	X	X	X	X	X
Freon 21	D	X	A	D	X	D	X	D	D	D	A	A	D	X	X	X
Freon 22	D	D	A	D	D	A	D	A	D	D	A	A	D	D	A	A
Freon 31	D	X	A	D	X	A	X	A	D	X	A	X	D	X	X	X
Freon 32	D	X	A	A	X	A	X	A	D	X	A	X	D	X	X	X
Freon 112	B	X	A	B	X	B	B/70°	D	A	X	A	X	D	X	X	X
Freon 113	D	D	A	A	A	A	B	D	B	D	A	A	D	X	A	A
Freon 114	B	X	A	A	A	A	A/70°	D	A	D	A	A	C	X	A	X
Freon114B2	X	X	A	A	X	A	X	D	B	X	X	X	X	X	X	X
Freon 142b	X	X	A	A	X	A	X	A	D	X	A	X	D	X	X	X
Freon 15	X	X	X	X	X	X	X	X	X	X	A	X	C	X	X	X
Freon 152a	X	X	A	A	X	A	X	A	D	X	A	X	D	X	X	X
Freon 218	X	X	A	A	X	A	X	X	A	X	A	X	D	X	X	X
Freon 502	X	X	A	B	D	A	X	A	B	X	A	X	D	X	X	X
Freon, BF	X	X	A	A	X	B	X	D	A	X	X	X	D	X	X	X
Freon C316	X	X	A	A	X	A	X	A	A	X	A	X	D	X	X	X
Freon C318	X	X	A	A	X	A	X	A	A	X	A	X	D	X	X	X
Freon K-142B	X	X	X	X	X	X	X	X	X	X	A	X	D	X	X	X

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Freon K-152a	X	X	X	X	X	X	X	X	X	X	A	X	D	X	X	X
Freon, MF	X	X	A	A	A	D	D	D	D	X	X	X	D	X	X	X
Freon, PCA	X	X	X	A	X	A	A	D	B/70°	X	X	X	D	X	X	X
Freon, TF	X	D	A	A	A	A	B	D	B	X	A	B	D	A	A	A
Freon T-WD602	X	X	A	B	X	B	A	B	A	X	X	X	D	X	X	X
Freon TMC	X	X	A	B	A	B	B	B	A	X	X	X	D	X	X	X
Freon T-P35	X	X	A	A	X	A	A	A	A	X	X	X	D	X	X	X
Freon TA	X	X	A	A	X	A	A	A	C	X	X	X	D	X	X	X
Freon TC	X	X	A	A	X	A	A	B	A	X	X	X	D	X	X	X
Fuel Oil	B	C	A	A	B	A	D	D	A	A	B	A	A	A	A	A
Fumaric Acid (Boletic Acid)	X	A	A	A	B	B	X	B	A	X	X	X	X	X	X	X
Fuming Sulphuric Acid (20/50% Oleum)	D	X	A	D	D	D	D	D	A	X	X	X	X	X	X	X
Furan (Furfuran)	D	A	A	D	X	D	X	D	D	C	X	D	A	A	A	X
Furfuryl (Ant Oil)	D	A	A	D	B	C	D	A	D	D	B	B/120°	A	B	A	B
Furfuryl Alcohol	D	C	A	D	B	D	D	B	D	X	X	B/100°	A	A	A	A
Furyl Carbinol	D	X	A	D	X	D	D	B	D	X	X	X	X	X	X	X
Fusel Oil (Grain Oil)	X	X	A	A	X	B	C/70°	A	A	X	X	X	X	X	X	X
Gallic Acid	D	B	A	B	D	B	D	B	A	A	X	A/70°	A	D	B	B
Gasoline (Aviation)	D	C	A/170°	A	A	D	C	D	A	D	A	A	X	X	X	X
Gasoline (Leaded)	C	C	A	A	A	D	C	D	A	D	A	A	A	A	A	A
Gasoline (Unleaded)	C	C	A	D	X	D	D	D	A	D	A	A	A	A	A	A
Gelatin	A	A	A	A	B	A	D	A	A	A	B	A	A	D	A	A
Glacial Acetic Acid	D	A	A	D	D	D	D	A	D	X	X	X	X	X	X	X
Glauber's Salt	X	X	A	A	B	A	A	B	A	X	X	X	X	X	X	X
Glucose (Corn Syrup)	A	A	A	A	B	A	A	A	A	A	A	A	A	B	A	A
Glue	D	A	A	A	A	A	A	A	A	A	B	A	B	A	A	A
Glycerine - Glycerol	A	A	A	A	A	A	D	A	A	A	A	A	A	B	A	A
Glycolic Acid	A	X	A	A	X	A	X	X	A	A	A	A/70°	X	X	X	A
Grape Juice	A	A	X	A	X	A	D	A	A	A	B	A	B	D	A	X
Grapefruit Oil	X	A	A	A	X	D	X	X	A	X	X	X	X	D	A	X
Grease (Ester Base)	C	B	A	C	X	X	X	X	X	A	A	A	A	A	A	A
Grease (Petroleum Base)	A	D	A	A	A	D	A	D	A	A	A	A	A	A	A	A
Grease (Silicone Base)	A	B	A	A	X	X	X	X	X	A	A	A	A	A	A	A
Green Sulfate Liquor	B	A	A	B	D	B	A	A	A	A	X	X	B	C	A	B
Halothane	D	X	X	D	X	D	D	X	A	X	X	X	X	X	X	X
Halowax Oil	D	D	A	D	X	D	X	D	A	X	X	X	D	X	X	X
Hannifin Lube A	A	D	X	A	X	A	A	D	A	X	X	X	X	X	X	X
Heavy Water	A	B	X	A	B	X	D	A	X	X	X	X	A	C	A	A
HEF - 2 (High Energy Fuel)	B	D	X	B/70°	X	A	D	D	A	X	X	X	X	X	X	X
Helium	A	A	A	A	X	A	A	A	A	A	A	X	A	A	A	X
Heptane	B	C	A	A	B	A	B	D	A	B/70°	A	A	A	A	A	A
N-Hexaldehyde	D	C	A	D	D	A	B	A	D	X	X	X	A	A	A	X
Hexane	B	C	A	A	A	D	B	D	A	B/70°	A	A	A	A	A	A
Hexanol	A	C	A	A	D	D	D	A	A	A/70°	A/70°	X	A	A	A	A
Hexyl Alcohol	B	B	A	B	D	B	D	A	B	X	X	A	A	A	A	X
Hexylene Glycol	X	X	A	A	D	A	X	C/70°	A	X	X	X	A	A	A	A
Hilo MS #1	D	X	X	D	D	D	B	A	D	X	X	X	X	X	X	X
Houghto-Safe 271 (Water & Glycol Base)	X	A	A	A	B	B	D	A	B	X	X	X	X	X	X	X

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
620 Water/Glycol	B	A	A	A	A	B	B	A	B	X	X	X	X	X	X	X
1010, Phosphate Ester	D	A	A	D	B	D	A	A	A	X	X	X	X	X	X	X
1055, Phosphate Ester	D	A	A	D	B	D	A	A	A	X	X	X	X	X	X	X
1120, Phosphate	D	A	A	D	B	D	A	A	A	X	X	X	X	X	X	X
5040 (Water/Oil Emulsion)	A	D	A	A	B	B	D	D	A	X	X	X	X	X	X	X
Hydraulic Oils (Petroleum)	A	D	A	A	A	B	X	D	A	D	B	X	A	A	A	A
Hydraulic Oils (Synthetic)	A	D	A	D	A	D	B	D	A	D	B	X	A	A	A	A
Hydrazine (Diamine)	D	A	A	B	D	B	D	A	D	C	B	A/120°	A	D	A	A
Hydrobromic Acid	D	B	A	D	X	D	X	A	X	B	D	A	D	D	D	A
Hydrochloric Acid 20%	D	A	A	D	D	D	B	A	A	A	D	A	D	D	D	A
Hydrochloric Acid 37%	D	B	A	B	D	D	D	B	A	A	D	A	D	D	D	A
Hydrocyanic Acid	D	A	A	B	D	B	D	A	A	A	D	A	A	D	A	A
Hydrofluoric Acid 20%	D	D	A	D	D	D	D	B	A	A	D	A	D	D	D	D
Hydrofluoric Acid 50%	D	D	A	D	D	D	D	B	A	B/70°	D	A	D	D	D	D
Hydrofluoric Acid 75%	D	D	A	D	D	D	D	D	D	B/70°	D	A	D	D	D	D
Hydrofluoric Acid Concentrated	D	D	A	D	D	D	D	D	D	D	D	A	D	D	D	D
Hydrofluosilicic Acid	D	B	A	B	B	B	D	A	A	A	X	A	D	D	D	B
Hydrogen	A	A	A	A	A	A	A	B	A	X	X	X	X	X	X	X
Hydrogen Chloride Gas	B	B	A	D	X	B	X	A	A	A/140°	X	A	D	A	A	A/125°
Hydrogen Cyanide Gas	A	A	A	B	D	D	D	A	A	A	X	A	D	A	B	X
Hydrogen Fluoride	D	X	B/70°	D	D	X	D	B/70°	A	A/70°	X	X	D	X	D	A
Hydrogen Peroxide	C	A	A	B	D	D	C	C	A	A/70°	D	A/70°	A	D	A	A
Hydrogen Sulfide Dry	D	A	A	A	A	A	A	A	A	A	A	A	B	D	B	A
Hydrogen Sulfide Wet	D	A	A	D	A	A	D	A	D	A	C	A	D	D	A	A
Hydrolube-Water/Ethylene Glycol	A	A/250°	A	A/70°	B/150°	B/70°	D	A/70°	A/70°	A	D	A	A	A	A	A
Hydroquinone	C	A	A	D	X	D	X	D	C	A	A	A	A	B	B	B
Hydyne	B	D	A	B	X	B	X	A	D	X	X	X	X	X	X	X
Hydroxyacetic Acid	D	A	A	D	X	D	D	A/70°(100%)	D	X	C	X	D	B	B	X
Hypochlorous Acid	D	A	A	D	X	D	D	B	A	A	D	A	D	D	D	A
Hypoid Grease (Parapoid 10-C)	B	X	A	B	X	D	D	D	C	X	A	X	X	X	X	X
Ink (Printers)	A	A	A	A	A	A	A	A	A	X	A	A	C	D	A	A
Iodine	B	A	A	B	B	D	D	B	A	A	A	A/150°	D	D	D	B
Iodine Pentafluoride	D	B	A	D	X	D	D	D	D	X	X	X	X	X	X	X
Iodoform	B	B	A	X	X	B	D	B	A	X	X	A	B	A	B	D
Isoamyl Acetate	D	X	A	D	X	D	D	B	D	X	X	X	A	A	A	A
Isoamyl Alcohol	X	X	A	A	X	A	C	A	A	X	X	X	X	X	X	X
Isoamyl Butyrate	D	X	A	D	X	X	X	X	D	X	X	X	A	A	A	A
Isoamyl Chloride	D	X	A	D	X	D	X	D	A	X	X	X	D	X	X	X
Iso Butane	X	X	A	A	X	D	A	D	A/70°	X	X	X	X	X	X	X
Iso Butyl Acetate	D	X	A	D	X	D	X	C/70°	D	X	X	X	A	A	A	A
Isobutyl Alcohol	B	A	A	B/80°	X	A/80°	D	A/160°	A/75°	A/70°	A	A	B	C	A	A
Isobutyl Amine	D	X	A	D	X	X	X	X	D	X	X	X	X	X	X	X
Isobutyl Chloride	D	X	A	D	X	X	X	X	B	X	X	X	D	B	B	A
Isobutyric Acid	D	X	A	D	X	B	X	A	X	X	X	X	A	X	X	X
Iso-Butyl N-Butane	D	X	A	D	D	X	D	X	B	X	X	X	X	X	X	X
Isocyanates	C	X	A	B	B	X	B	X	B	A	A	X	X	A	A	A
Isododecane	A	X	A	A/70°	X	B/70°	B/70°	D	A/70°	X	X	X	B	B	B	B
Isooctane	C	C	A	A	A/158°	B	A	A/70°	A	A/120°	X	A/70°	A	A/70°	A/70°	A

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Isopentane	A	X	A	A	X	D	B	D	A	X	X	X	X	X	X	X
Isophorone (Ketone)	D	B	A	D	X	D	D	A	D	X	X	X	A	A	A	A
Isopropanol (Isopropyl Alcohol)	A	B	A	A/70°	A/70°	B/120°	B	A/160°	A/170°	A	A	A	A	A	A	A
Isopropyl Acetate	D	B	A	D	C	D	D	B	D	A	A	X	B	A	A	B
Isopropyl Alcohol (Isopropanol)	A	B	A	A	A	B	D	A	A	A	A	A	A	A	A	A
Isopropyl Amine	D	X	A	D	X	X	X	X	D	X	X	X	X	A	A	X
Isopropyl Benzene (Cumene)	D	X	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Isopropyl Chloride	D	C	A	D	X	D	D	D	A	D	A	X	D	A	A	X
Isopropyl Ether	B	C	A	B	X	D	B	D	D	B/70°	A	X	A	X	A	A
JP-1	C	D	A	A	X	D	C	D	A	D	A	A	A	A	A	A
JP-2	C	C	A	A	X	D	C	D	A	D	A	A	A	A	A	A
JP-3 (Mil-J-5624)	C	C	A	A	X	D	C	D	A	A/70°	A	A	A	A	A	A
JP-4 (Mil-J-5624)	A	D	A	A	A	D	C	D	A	A/70°	A	A	A	A	A	A
JP-5 (Mil-J-5624)	C	C	A	A	X	D	B	D	A	A/70°	A	A	A	A	A	A
JP-6 (Mil-J-25656)	C	C	A	A	X	D	C	D	A	D	A	A	A	A	A	A
JP-X(Mil-F-25604)	A	C	A	A	X	B	X	D	D	D	A	A	A	A	A	A
Kel F Liquids	X	X	A	A	X	X	X	A	B	X	X	X	X	X	X	X
Kerosene	A	C	A	A	A	X	B	X	A	B/72°	A	A	A	A	A	B
Ketones	D	C	A	D	D	D	D	A	D	D	A	A/70°	B	X	A	A
Keystone #87HX-Grease	X	X	A	A	X	D	A	D	A	X	X	X	X	X	X	X
Lactam-Amino Acids	X	X	A	D	X	B	X	B	D	X	X	X	X	X	X	X
Lacquer Solvents	D	C	A	D	B	D	D	D	D	C	A	D	A	B	A	X
Lacquers	D	C	A	D	D	D	D	D	D	C	A	D	A	C	A	A
Lactic Acid- 5%Solution	B	A	A	A	D	A	B	A	A	A	A	A/70°	C	D	A	B
Lactol	X	X	A	A	X	D	X	X	A	D	A	X	A	A	A	A
Lard Oil (Hot)	X	B	A	A	B	A	C	B	A	B	AA	A	A	A	A	A
Latex	A	A	A	A	X	A	D	A	A	A	A	X	A	X	A	X
Lauryl Alcohol (N-Dodecanol)	X	X	A	A	X	X	D	X	B	X	X	X	A	A	A	A
Lavender Oil	B	B	A	B	X	D	X	D	A	X	X	X	X	X	X	X
Lead Acetate	B	A	A	B	X	B	D	A	A	A	A	A	D	A	B	B
Lead Chloride	X	X	A	A	X	B	X	A	A	A	X	A	D	X	B	B
Lead Nitrate	A	X	A	A	X	A	X	A	A	A	X	A	D	B	B	B
Lead Sulfamate	A	A	A	B	X	A	X	A	A	A	A	A	C	X	X	X
Lehigh X1169	X	X	A	A	X	B	A	D	A	X	X	X	X	X	X	X
Lehigh X1170	X	X	A	A	X	B	A	D	A	X	X	X	X	X	X	X
Lemon Oil	X	C	A	A	X	C	X	C	A	X	X	X	A	X	A	X
Light Grease	X	X	A	A	X	D	A	D	A	X	A	X	X	X	X	X
Ligroin (Petroleum Ether or Benzine)	B	B	A	A	X	B	C	D	A	B/175°	B	A	X	A	A	X
Lignin Liquor	X	X	A	A	X	A	D	D	A	X	X	X	X	X	A	X
Lime	A	A	A	A	A	A	B	A	A	B	X	A	C	A	A	X
Lime Bleach	B	A	A	A	X	B	X	A	A	B	X	X	D	X	A	X
Lime Slurries	A	A	A	A	X	A	B	C	D	X	X	X	B	X	B	X
Lime Sulfur	A	B	A	A	X	A	A	A	A	A	X	A	D	X	A	X
Lindol, Hydraulic Fluid	D	A	A	D	X	D	D	A	B	X	X	X	X	X	X	X
Limonene	D	X	A	D	X	D	X	D	A	X	X	X	X	X	X	X
Linoleic Acid	B	B	A	B	X	D	X	D	B	A	X	A	A	X	A	A
Linseed Oil	A	B	A	A	B	A	B	C	A	A	A	A	A	A	A	A
Liquid Oxygen	D	X	A	D	X	D	D	D	D	X	X	X	X	X	X	X

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Liquid Petroleum Gas (LPG)	D	C	A	A	B	C	C	D	A	D	A	X	X	X	X	A
Liquidmoly	A	X	A	A	X	B	B/70°	D	A	X	X	X	X	X	X	X
Lithium Bromide	A	X	A	A	X	D	D	A	A	X	X	A	X	A	X	X
Lithium Chloride	A	X	A	A	X	A	D	A	A	A/125°	A	X	D	B	A	A
Lithium Hydroxide	D	X	A	D	X	D	D	A	C	A/70°	X	X	D	B	B	B
Lubricating Oil Di-Ester	A	D	A	B	D	C	D	D	A	X	X	X	X	X	X	X
Petroleum Base	B	D	A	A	A	B/150°	B/70°	D	A	C	A	A	A	A	A	A
SAE 10,20, 30, 40, 50	A	D	A	A	A	D	A	D	A	C	A	A	A	A	A	A
Lye Solutions	B	A	A	D	C	A	B	A	B	A	D	A/150°	X	X	A	X
Lysol	B	X	A	B	X	B	X	X	X	X	X	X	X	X	X	X
Magnesium Bisulfite	C	X	A	B	X	B	X	X	X	X	X	X	X	X	X	X
Magnesium Carbonate	A	A	A	A	X	A	B	B	A	A	A	A	D	B	A	B
Magnesium Chloride	A	A	A	A	B	A	X	A	A	A	B	A	D	D	D	A
Magnesium Hydroxide (Milk of Magnesia)	A	A	A	A	B	A	A	A	A	A	A	A	D	B	A	A
Magnesium Nitrate	A	A	A	A	X	A	B	A	A	A	A	A	D	D	A	A
Magnesium Oxide	A	A	A	A	X	A	X	A	A	X	A	X	B	A	A	A
Magnesium Salts	A	A	A	A	X	A	A	A	A	X	X	X	X	X	X	X
Magnesium Sulfate	B	A	A	A	B	A	D	A	A	B	A	A	D	C	A	B
Magnesium Sulfite	B	A	A	A	X	A	X	A	A	X	X	X	X	X	X	X
Malathion	X	X	A	B	D	X	D	D	A	X	X	X	X	X	X	X
Maelic Acid	A	A	A	C	X	D	D	A	A	B	A	A	B	A	A	B
Maelic Anhydride	D	A	A	D	X	D	X	D	A	X	A	X	A	B	A	A
Malic Acid	B	A	A	A	X	B	X	D	A	B	A	A	B	D	A	B
Manganese Chloride	A	X	A	A	X	B	B	C	A	A	X	X	X	D	X	B
Malt Beverages	B	A	A	A	X	A	B	A	A	X	X	X	X	X	X	X
Maple Sugar Liquors (Sucrose)	A	A	A	A	X	A	D	A	A	X	X	X	X	X	X	X
Mash	A	A	X	A	X	A	A	X	X	X	A	X	X	X	A	X
Mayonnaise	A	A	A	A	X	A	D	D	A	A	A	A	D	D	A	A
MCS 312	D	X	A	D	X	D	X	D	A	X	X	X	X	X	X	X
MCS 352	D	X	A	D	X	D	D	A	D	X	X	X	X	X	X	X
MCS 463	D	X	A	D	X	D	D	A	D	X	X	X	X	X	X	X
Melamine Resins	C	B	A	C	X	D	D	A	A	X	A	X	X	X	D	A
Mercaptan	D	X	A	D	X	D	D	A	D	X	X	X	X	X	X	X
Mercuric Chloride	A	A	A	A	B	A	A	A	A	A	B	A	D	D	D	B
Mercuric Cyanide	A	A	A	A	D	B	X	A	A	A	X	A	D	C	A	A
Mercurous Nitrate	B	X	A	B	X	B	X	A	A	A	X	A	D	B	B	B
Mercury	A	A	A	A	A	A	A	A	A	A	A	A	C	A	A	A
Mesityl Oxide	D	C	A	D	X	D	D	B	D	X	X	X	A	A	A	A
Methane	B	C	A	A	B	B	C	D	A	B	A	A	A	X	A	A
Methanol	A	A	A	A	A	A	D	A	D	A/120°	A	A	B	X	A	A
Methyl Acetate	D	B	A	D	C	D	D	B	D	C	A	B	A	A	A	A
Methyl Acetoacetate	D	X	A	D	X	D	D	B	D	X	X	X	X	A	A	A
Methyl Acetone	D	B	A	C	X	D	X	A	D	D	A	D	A	A	A	A
Methyl Acrylate	D	D	A	D	X	D	D	B	D	X	A	B	X	A	A	X
Methyl Acrylic Acid	X	A	A	D	X	C	D	B	C	X	A	X	X	X	X	X
Methyl Alcohol	A	A	A	A	A	C	D	A	C	A	A	A	B	A	B	A
Methyl Amine	B	X	A	B	X	C	X	A	C	X	A	C	B	A	A	B
Methyl Amyl Acohol	B	X	A	A	X	D	X	X	D	X	X	X	A	A	A	A

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Methyl Aniline	D	X	A	D	X	B	D	D	B	X	X	X	X	X	X	X
Methyl Benzoate	D	X	A	D	X	A	D	D	A	X	X	X	X	X	X	X
Methyl Bromide	B	D	A	B	X	A	D	D	A	D	A	A	D	A	A	B
Methyl Butyl Ketone	D	C	A	D	X	D	D	A	D	D	A	D	A	X	A	X
Methyl Butyrate	D	X	A	D	X	D	X	D	X	X	X	X	A	A	A	A
Methyl Carbonate	D	X	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Methyl Cellosolve	C	B	A	C	X	B	D	B	D	B	A	A	A	C	X	X
Methyl Cellulose	B	X	A	B	X	B	B/70°	B	D	X	X	X	X	X	X	X
Methyl Chloride	D	D	A	D	D	D	D	D	B	D	A	A	D	D	A	B
Methyl Chloroformate	D	X	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Methyl Cyanide	C	X	A	C	X	A	X	A	D	X	X	X	X	X	X	X
Methyl Cyclopentane	D	C	A	D	X	D	D	X	A	X	A	X	X	X	X	X
Methyl D-Bromide	D	X	A	D	X	D	D	X	A	X	X	X	X	X	X	X
Methyl Dichloride	D	D	A	D	X	D	X	D	A	D	A	D	D	X	X	X
Methyl Ether	X	X	A	A	X	C	X	A	A	X	X	X	X	X	X	X
Methyl Ethyl Ketone (MEK)	B	B	A	D	B	D	D	A	D	C/125°	B	D	A	A	A	A
Methyl Formate	D	B	A	D	X	B	D	B	D	X	A	X	A	B	B	X
Methyl Hexane	X	X	A	A	X	B	X	D	A	X	X	X	X	X	X	X
Methyl Iodide	D	X	A	D	X	D	X	A	X	X	X	X	D	A	A	A
Methyl Isopropyl Ketone	D	C	A	D	X	D	D	C	D	C	A	X	A	C	A	X
Methyl Methacrylate	D	B	A	D	X	D	D	D	D	A	A	B	B	C	A	X
Methyl Oleate	D	C	A	D	X	D	X	B	A	X	A	X	X	X	X	X
Methyl Salicylate	D	B	A	D	X	D	X	B	B	B	A	B	A	A	X	X
Methylamine	X	A	A	B	X	X	X	A	X	X	A	C	B	A	A	B
Methylene Bromide	D	X	A	D	X	D	X	D	C	X	X	A	D	A	A	A
Methylene Chloride	C	D	A	D	D	D	D	C	B	D	A	B	D	B	A	A
Methylene Dichloride	D	X	A	D	X	D	D	D	B	X	X	X	X	X	X	X
Milk	A	A	A	A	B	A	D	A	A	A	A	A	A	D	A	A
Mine Water	A	B	A	A	X	C	D	A	A	A	A	A	A	A	A	A
Mineral Oil	A	D	A	A	A	A	A	D	A	B	A	A	A	A	A	A
MLO-7277 Hydr.	X	X	A	C	X	D	D	D	A	X	X	X	X	X	X	X
MLO-7557	X	X	A	C	X	D	D	D	A	X	X	X	X	X	X	X
MLO-8200 Hydr.	X	X	A	B	X	A	A	D	A	X	X	X	X	X	X	X
MLO-8515	X	X	A	B	X	B	D	D	A	X	X	X	X	X	X	X
Molasses	A	A	A	A	B	A	B	A	A	A	B	A	A	A	A	X
Monochloroacetic Acid	D	D	A	D	D	A	D	C	B	A	B	A	D	D	D	B
Monochlorobenzene	D	D	A	D	C	D	D	D	A	D	A	A/150°	D	A	A	X
Monochlorodifluoro Methane	D	D	A	D	D	A	D	A	D	A	X	A	A	A	A	X
Monoethanolamine	D	A	A	B	D	B	D	B	D	D	D	D	B	A	A	X
Monomethylaniline	D	B	A	D	D	D	D	D	B	X	X	X	X	X	X	X
Monomethylether	A	C	A	A	D	B	X	A	A	X	X	X	X	X	X	X
Monomethyl Hydrazine	B	X	A	B	D	B	X	A	X	X	X	X	X	X	X	X
Mononitrotoluene & Dicitrotoluene (40/60 Mixture)	A	X	A	D	D	D	D	D	C	X	X	X	X	X	X	X
Muriatic Acid (10-20% HCL)	B	A	A	D	D	D	B	A	A	A	D	A	D	D	D	A
Mustard	B	A	A	B	B	A	B	A	A	A	A	X	B	X	A	A
Napalm	B	X	X	B	D	X	B	D	A	X	X	X	X	X	X	X
Naptha	A	C	A	A	A	D	C	D	A	C	A	A	A	B	A	A

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19

MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Naptha-Coal Tar (Benzol)	D	C	A	D	D	D	B	D	A	C	A	A	A	A	A	A
Naphthalene (Tar Camphor)	D	C	A	D	B	D	B	D	A	B	A	A	B	A	A	A
Napthenic Acid	B	B	A	B	D	D	X	D	A	X	A	X	B	B	A	B
Natural Gas	A	C	A	A	B	A	C	D	A	A	A	X	A	A	A	X
Neatsfoot Oil	A	B	A	A	D	D	A	B	A	X	B	X	A	A	A	X
Neohexane	A	X	A	A	D	X	X	X	A	X	X	X	X	X	X	X
Neosol	A	X	A	A	D	A	X	X	C	X	X	X	B	B	A	A
Neville Acid	D	A	A	D	D	D	X	B	A	X	X	X	X	X	X	X
Nickel Acetate	B	A	A	B	X	B	D	A	D	A	X	A	B	X	A	X
Nickel Ammonium Sulfate	C	A	A	X	X	A	X	X	A	X	X	X	X	X	X	X
Nickel Chloride	A	A	A	A	D	B	A	A	A	A	B	A	D	D	B	A
Nickel Nitrate	A	A	A	A	X	A	A	A	A	A	D	A	D	X	A	B
Nickel Salts	A	A	A	A	X	B	A	A	A	X	X	X	X	X	X	X
Nickel Sulfate	A	A	A	A	D	A	A	A	A	A	A	A	D	D	A	B
Nicotine	A	X	A	X	B	C	A	X	A	X	X	X	X	X	X	X
Nicotinic Acid	A	X	A	A	X	A	X	A	X	X	X	X	X	X	X	X
Niter Cake	A	A	A	A	X	A	A	A	A	X	X	X	X	X	X	X
Nitrana (Ammonia Fertilizer)	B	X	A	B	X	B	X	X	C	X	X	X	X	X	X	X
Nitric Acid																
Concentrated	D	C	A	D	D	D	D	D	A	D	C	A/125°	D	D	A	B
Red Fuming (RFNA)	X	D	A	D	D	D	D	D	B	D	C	D	D	D	A	B/70°
5% To 10% Solution	A	A	A	D	B	D	C	B	A	A/120°	C	A/120°	D	D	A	A
20% Solution	B	B	A	D	D	D	C	B	A	B/70°	C	A	D	D	A	B
50% Solution (Boiling)	C	C	A	D	D	D	C	D	A	B/70°	C	A/125°	D	D	A	A
65% Solution (Boiling)	D	C	A	D	D	D	C	D	A	D	D	A	D	D	A	D
Nitrobenzene	D	B	A	D	D	D	D	C	A	B/70°	B	A/70°	C	C	B	B
Nitroethane	D	A	A	D	X	C	D	B	D	C	B	X	A	A	A	A
Nitrogen	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A
Nitrogen Tetroxide	D	D	A	D	B	D	D	D	D	D	X	C	D	D	A	A
Nitroglycerine	X	A	A	A	D	A	A	A	A	X	X	X	X	X	X	X
Nitromethane	D	A	A	D	D	C	D	B	D	C	X	A/120°	A	A	A	A
Nitropropane	X	B	A	D	X	D	D	B	D	X	X	X	A	A	A	A
Nitrous Acid	D	X	A	D	X	X	X	B	A	D	X	A	D	D	B	A
Nitrous Oxide	A	X	A	A	X	B	B	A	A	A	X	D	B	B	D	B
Octachloro Toluene	D	X	A	D	X	D	D	D	A	D	X	X	D	X	X	X
Octadecane	X	B	A	A	X	B	A	D	A	X	X	X	X	X	X	X
N-Octane	D	B	A	B	X	D	D	D	A	D	X	A	X	X	X	X
Octyl Acetate	D	X	A	D	X	X	X	X	D	X	X	X	A	X	A	X
Octyl Alcohol	B	X	A	B	X	B	D	B	B	X	X	X	X	X	X	X
Oils, Crude(Asphalt Base)	B	D	A	B	B	C	A	D	A	B	A	A	A	B	A	A
Oleic Acid (Red Oil)	D	B	A	A	A	C	B/70°	C	A	A	A	A	A	B	A	A
Olein (Triolein)	X	D	A	B	X	C	X	X	X	X	X	X	X	X	X	X
Oleum (Fuming Sulfuric Acid)	D	D	A	D	D	D	D	D	B	D	D	D	D	D	A	D
Oleum Spirits	D	D	A	B	B	D	C	D	A	D	X	D	D	D	B	X
Olive Oil	D	B	A	A	X	B	A	B	A	A	A	B	A	A	B	A
Oronite 8200	X	X	A	B	B	A	A	D	A	X	X	X	X	X	X	X
Oronite 9515	X	X	A	B	X	X	X	X	X	X	X	X	X	X	X	X
Orthochloro Ethyl Benzene	X	X	A	D	X	D	D	D	A	X	X	X	X	X	X	X

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Ortho-Dichlorobenzene	X	D	A	D	D	D	D	D	A	X	X	X	X	X	X	X
OS 45 Type 111 (OS45)	X	X	A	B	C	A	D	D	B	X	X	X	X	X	X	X
OS 45 Type IV (OS45-1)	X	X	A	B	X	A	D	D	B	X	X	X	X	X	X	X
OS 70	X	X	A	B	X	A	D	D	A	X	X	X	X	X	X	X
Oxalic Acid - 5% (Hot and Cold)	C	A	A	B	D	B	A	A	A	A	D	A/120°	B	D	B	B
Ozone	X	A	A	D	C	C	A	A	A	D	D	A	B	X	X	X
Paint Thinner, Duco	D	C	A	D	X	D	D	D	B	D	A	X	A	A	A	X
Palmitic Acid	A	B	A	A	A	B	A	B	A	A	A	A	C	C	A	B
Palm Oil	X	B	A	A	X	D	A	D	A	X	A	A	A	A	A	X
Para-Dichlorobenzene	X	X	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Paraffin	A	A	A	A	X	B	A	D	A	A	A	A	A	X	A	B
Paraformaldehyde	X	X	A	B/70°	X	B	X	A	C	X	X	X	A	A	A	A
Paraldehyde	X	X	A	D	X	D	X	A	D	X	X	X	A	A	A	A
Peanut Oil	A	B	A	A	X	A	B/70°	C/70°	A	A	X	A	X	A	A	A
Pentachloroethane (Pentalin)	D	X	A	D	X	D	X	X	A	D	A	A	D	A	A	A
Pentachlorophenol (PCP)	X	X	A	D	X	D	D	D	A	X	X	X	A	A	A	A
Pentane	X	X	A	A	X	B	D	D	A	X	A	A	A	B	B	B
Peppermint Oil	X	C	X	D	X	D	X	X	A	X	X	X	X	X	A	X
Perchloric Acid	D	D	A	D	D	B	D	B	A	X	C	A/120°	D	D	B	X
Perchloroethylene(Tetrachloroethylene)	D	D	A	D	D	D	D	D	B	D	A	A	D	B	A	B
Permachlor (Degreasing Fluid)	X	X	A	D	X	X	X	D	C/70°	X	X	X	X	X	X	X
Petrolatum	A	X	A	A	X	B	D	D	A	A	A	A	B	X	A	A
Petroleum Ether	A	X	A	A	X	D	B	D	A	A	A	B	B	B	A	D
Petroleum Oils (Refined)	B	C	A	A	A	B	B	D	A	B	A	A	X	X	X	X
Petroleum Oils (Sour)	C	C	A	B	B	B	B	D	A	B	A	A	B	B	A	A
Petroleum Oil, Crude	C	C	A	A	A	B	A	D	A	B	A	A	X	X	X	X
Phenol	D	A	A	D	D	D	D	X	A	C	A	A/70°	B	D	A	A
Phenol Sulfonic Acid	X	X	Q	D	X	X	X	X	D	X	X	AB/120°	B	B	B	A
Phenyl Acetate	X	X	A	D	X	D	D	B/70°	D	X	X	X	X	X	X	X
Phenylbenzene	X	C	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Phenyl Hydrazine	X	B	A	D	X	D	X	D	A	X	X	D	A	D	X	X
Phorone(Diisopropylidene Acetone)	X	B	A	D	X	D	D	B	D	X	X	X	X	X	X	X
Phosphate Esters	X	X	A	D	X	D	D	A	D	X	X	X	X	X	X	X
Phosphoric Acid 20% 40-100% Solution	X	A	A	B	X	A	C	A	A	A	D	A	D	D	A	A
Phosphorous Oxchloride	X	X	A	X	X	D	X	X	X	X	X	X	B	B	B	B
Phosphorous Trichloride Acid	D	B	A	D	X	D	X	A	A	D	D	A	D	B	A	X
Photographic Developer	B	A	A	A	D	A	B	B	A	A	A	A	C	D	A	A
Phthalic Acid	D	X	A	C	X	C	X	A	A	A	X	A	B	A	B	B
Phthalic Anhydride	X	X	A	C	X	A	X	A	A	X	X	X	X	X	X	X
Pickling Solution	D	A	A	D	D	D	C	C/70°	B/70°	X	D	X	X	X	X	A
Picric Acid	B	B	A	D	D	C	C	C	A	B/70°	D	A/70°	C	D	D	D
Pinene	B	C	A	B	D	D	D	D	A	X	X	X	X	X	X	X
Pine Oil	B	C	A	B	D	D	D	D	A	X	X	X	A	B	A	X
Piperidine	X	B	A	D	D	D	D	D	D	X	X	X	X	X	X	X
Pitch	A	X	A	A	D	D	D	D	A	X	X	X	X	X	X	X
Plating Solutions																
Antimony	B	A	A	A	X	A	X	X	A	A	A	A	D	A	A	A

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Arsenic	B	A	A	A	X	A	X	X	A	A	A	X	C	A	A	A
Brass	B	A	A	A	X	A	X	A	A	A	A	A	C	A	A	A
Bronze	B	A	A	A	X	A	X	A	A	A	B	X	C	A	A	A
Cadmium	B	A	A	A	X	A	X	A	A	A	C	A	C	A/70°	A/140°	A/90°
Chrome	D	A	A	D	X	D	X	A	A	A	D	A	C	C	A	B
Copper	B	A	A	A	X	A	D	A	X	A	X	A	C	A/70°	A/150°	A/120°
Gold	B	A	A	A	X	A	X	A	A	A	X	A	C	X	A/150°	A/70°
Indium	B	A	A	A	X	A	X	X	A	A	X	X	C	X	A	A
Iron	B	A	A	A	X	A	X	X	A	A	X	A	C	X	A	A
Lead	C	A	A	B	X	A	X	A	A	A	A	A	C	X	X	X
Nickel	B	A	A	A	X	A	X	A	A	A	X	A	C	X	A/70°	A/140°
Silver	B	A	A	A	X	A	X	A	A	A	X	A	C	X	A	A
Tin	B	A	A	B	X	A	X	A	A	A	X	A	C	X	A	A
Zinc	B	A	A	A	X	A	X	A	A	A	X	A	C	X	A	A
Polyvinyl Acetate Emulsion	B	A	A	A	X	B	X	A	D	B/70°	A	A	X	B	X	X
Potassium Acetate	B	A	A	B	X	B	D	A	D	A	A	A	D	A	B	B
Potassium Bicarbonate	A	A	A	A	X	A	D	A	A	A	A	A	C	A	B	B
Potassium Bisulfite	A	X	A	A	X	A	A	A	A	A	X	X	X	X	X	X
Potassium Bromide	A	A	A	A	X	A	D	A	A	A	A	A	C	D	A	A
Potassium Carbonate (Potash)	A	A	A	A	D	A	D	A	A	A	A	A	C	B	A	B
Potassium Chlorate	A	A	A	A	X	A	A	A	A	A	A	A	B	C	A	B
Potassium Chloride	A	A	A	A	D	A	A	A	A	A	A	A	B	B	C	B
Potassium Chromate	A	A	A	A	X	A	B	A	A	A	D	A	A	A	B	A
Potassium Cupro Cyanide	X	A	A	A	X	A	X	B	A	A	C	A	X	X	X	X
Potassium Cyanide	A	A	A	A	B	A	A	A	A	A	C	A	D	B	A	B
Potassium Dichromate	A	A	A	A	B	A	B	A	A	A	D	A	A	B	A	B
Potassium Ferricyanide	X	X	A	C	X	A	X	A	A	A	B	A	B	C	B	B
Potassium Hydroxide(Caustic Potash)(Lye)	A	A	A	B	A	B	B	A	B	A	A	A/150°	D	C	A	B
Potassium Hypochlorite	B/70°	X	B	B/70°	X	B	B	A	D	D	D	A	D	D	D	B
Potassium Iodide	B	X	A	A	X	A	X	A	A	A	X	A	B	X	B	B
Potassium Nitrate	A	A	A	A	X	A	A	A	A	A	B	A	A	B	B	B
Potassium Permanganate	D	A	A	B	D	A	B	A	A	B	C	A	B	B	B	A
Potassium Phosphate	X	X	A	A	X	A	C	A	A	X	X	X	D	D	B	B
Potassium Salts	A	X	A	A	X	A	A	A	A	X	X	X	X	X	X	X
Potassium Sulfate	A	A	A	A	B	A	A	A	A	A	B	A	B	B	A	A
Potassium Sulfide	A	X	A	A	X	A	A	A	A	A	X	A	D	B	B	B
Potassium Sulfite	A	X	A	A	X	A	A	A	A	A	X	A	A	D	B	X
Potassium Triphosphate	A	X	D (A)	A	X	A	B	X	A	X	X	X	X	X	X	X
PRL-High Temp. Hydr. Oil	B/70°	X	A	B/70°	X	B	B	D	A	X	X	X	X	X	X	X
Producer Gas	X	X	A	A	X	B	A	D	A	X	A	X	X	X	X	X
Propane (LPG)	B	C	A	A	B	B	B	D	A	D	A	A	A	B	A	A
Propane (Liquified)	B	X	A	A	B	B	B	D	A	B/70°	A	B/20°	A	A	A	A
Propane Propionitrile	X	X	A	A	X	B	D	D	A	X	X	X	X	X	X	X
Propionaldehyde (Propanol)	X	X	A	D	X	D	D	A	D	X	X	X	A	A	A	A
Propionic Acid	X	A	A	D	X	D	D	A	D	X	X	X	A	A	A	A
Propyl Acetate	D	B	A	D	X	D	D	B	D	C	A	A/70°	A	X	A	A
Propyl Alcohol	B	A	A	A	X	A	D	A	A	A	A	A	A	A	A	A
Propylene	X	B	A	D	X	D	D	D	A	A	A	A	A	A	A	A

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Propylene Dichloride	X	X	A	D	X	D	D	D	A	X	X	X	D	A	A	B
Propylene Glycol	A	A	A	A	X	C	B	A	A	A	D	A	A	B	A	B
Propylene Oxide	D	A	A	D	X	D	D	B	D	A/70°	A	D	B	B	A	X
Propyl Nitrate	X	B	A	D	X	D	D	B	D	C	A	D	B	B	A	X
Pryanol, Transformer Oil	X	X	A	A	X	D	B	D	A	X	X	X	X	X	X	X
Pydraul	X	X	X	X	X	X	X	X	X	X	X	X	X	A	A	A
Pyridine	X	A	A	D	C	D	D	B	D	C	B	D	B	A	B	A
Pyrogalllic Acid	X	X	A	D	X	A	D	B	A	X	D	A	X	D	A	B
Pyroligneous Acid	D	X	A	D	X	D	D	B	D	A	D	A	B	D	A	X
Pyrolube	X	A	A	D	X	D	D	B	A	X	X	X	X	X	X	X
Pyrrrole	X	C	A	D	X	D	X	D	D	X	X	X	X	X	X	X
Quarternary Ammonium Salts	X	X	A/70°	A	X	A	X	X	A	X	X	X	X	X	X	X
Quench Oil	X	X	A/70°	A	X	D	A	D	A	X	X	X	A	X	A	A
Quinine Bisulphate (Dry)	D	X	A	A	X	A	A	A	A	D	D	D	D	D	B	A
Quinine Sulphate (Dry)	D	X	A	A	X	A	A	A	A	D	D	D	D	D	A	A
Radiation	X	X	A	B	X	C	B	C/70°	D	X	D	X	X	X	X	X
Rape Seed Oil	X	B	A	B	X	B	B/70°	A	A	X	X	X	X	A	A	A
Red Line 100 Oil	X	X	X	A	X	B	A	D	A	X	X	X	X	X	X	X
RJ-1 (Mil-F-25558)	X	X	X	A	X	B	B	D	A	X	X	X	X	X	X	X
RP-1 (Mil-R-25576)	X	X	X	A	X	C	C	D	A	X	X	X	X	X	X	X
Rose Oil	X	A	X	X	X	C	A	X	A	X	X	X	X	X	A	X
Rosins	A	A	A	A	X	A	D	D	A	A	B	X	A	D	A	A
Rosin Paper Mill	X	A	A	A	X	A	D	A	A	A	B	X	A	D	A	A
Rotenone	X	X	A	A	X	A	X	A	A	X	X	X	X	X	X	X
Rum	A	A	A	A	X	A	D	A	A	A	A	X	X	X	A	A
Rust Inhibitors	A	B	X	A	X	C	A	X	A	A	A	X	X	C	A	X
Sal Ammoniac	X	A	A	A	A	A	A	A	A	A	D	A	D	D	B	A
Sal Soda	A	B	A	A	X	A	X	A	A	X	X	X	D	A	A	A
Salad Dressing	D	A	X	D	D	D	D	D	D	A	A	X	B	D	A	X
Salicylic Acid	A	A	A	A	X	D	X	A	A	A	X	A	A	D	B	A
Santo Safe 300	X	X	A	D	B	D	X	C/70°	A	X	X	X	X	X	X	X
Salt Water	A	A	A	A	X	A	D	A	A	A	A	A	D	D	C	A
Sea Water	A	A	A	A	A	A	A	A	A	A	A	A	D	D	C	A
Sesame Seed Oil	A	B	X	A	X	C	X	X	A	X	X	X	X	A	A	X
Sewage	A	A	A	A	A	A	D	A	A	A	A	A	B	B	A	A
Shellac	A	A	A	A	D	D	D	A	A	A	A	X	A	A	A	A
Silicate Esters	A	B	A	A	C	A	B	D	A	X	X	X	X	X	X	X
Silicone Greases	A	B	A	A	A	A	A	A	A	X	A	X	X	X	X	X
Silicone Oils	A	C	A	A	B	A	A	A	A	A	A	A	B	A	A	A
Silicon Tetrachloride Wet	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Silver Bromide	X	X	A/70°	X	X	X	X	X	X	X	A	X	D	D	B	A
Silver Chloride	D	X	A/70°	X	X	X	X	X	X	A	X	X	X	X	X	X
Silver Cyanide	A	X	A	A	X	A	D	A	A	A	X	A	D	A	A	A
Silver Nitrate	C	A	A	B	D	A	A	A	A	A	A	A	D	D	A	A
Spelly, Solvent B,C,E	X	X	A	A	X	D	X	D	A	X	X	X	X	X	X	X
Skydrol 500	D	B	A	D	A	D	D	A	D	X	A	X	X	X	A	A
Skydrol 7000	X	B	A	D	D	D	D	A	B/70°	X	A	X	X	X	A	A
Soap Solutions	A	A	A	A	A	A	A	A	A	A	A	A	C	D	A	A

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23

MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Sodium Acid Sulfate	A	A	A	A	X	A	A	A	A	A	X	X	X	B	X	X
Sodium Aluminate	A	A	A	A	X	A	X	A	A	A	A	A	C	A	A	A
Sodium Aluminium Sulfate	A	A	A	A	X	A	A	A	A	X	X	X	X	X	X	B
Sodium Bicarbonate	A	A	A	A	B	A	A	A	A	A	A	A	A	C	A	B
Sodium Bichromate	B	A	A	A	X	A	A	A	A	A	D	A	C	C	B	C
Sodium Bisulfate	A	A	A	A	AC	A	A	A	A	A	A	A	D	D	A	B
Sodium Bisulfite	A	A	A	A	B	A	A	A	A	A	A	A	A	D	A	A
Sodium Borate (Borax)	A	A	A	A	B	A	A	A	A	A/140°	A	A	C	B	B	A
Sodium Bromide	X	A	A	X	X	A	X	A	A	A	X	A	C	C	B	B
Sodium Carbonate	A	A	A	A	B	A	A	A	A	A	A	A	C	B	A	A
Sodium Chlorate	A	A	A	A	X	A	A	A	A	A	A	A	B	B	A	A
Sodium Chloride	A	A	A	A	A	A	A	A	A	A	A	A	C	B	C	A
Sodium Chromate	A	A	A	A	X	A	X	X	A	A	D	A	A	A	A	A
Sodium Citrate	D	A	X	X	X	X	X	X	X	X	X	X	X	X	B	B
Sodium Cyanide	A	A	A	A	B	A	A	A	A	A	B	A	D	B	A	A
Sodium Dichromate	A	A	A	A	B	B	B	A	B	A	X	A	X	X	X	X
Sodium Ferricyanide	A	A	A	A	X	A	X	A	A	A	X	A	A	D	B	B
Sodium Fluoride	A	A	A	A	X	A	B	A	A	A	X	A	B	X	B	B
Sodium Hydroxide																
20% (Cold)	B	A	A	A	A	B	B	A	A	A	A	A	D	B	A	B
50% Solution (Cold)	D	A	A	D	B	C	B	A	A	A	A	C	D	C	B	A
80% Solution (Cold)	D	X	A	D	D	C	B	A	A	A	A	C	D	C	D	B
Sodium Hydrosulfate	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Hypochlorite 0-20%	D	B	A	D	C	B	D	B	C	B	D	A	D	D	C	A
Sodium Metasilicate	A	A	A	A	X	A	B/70°	A	A	A	B	A	B	X	A	A
Sodium Nitrate	C	A	A	A	B	B	B/70°	A	A	A	A	A	A	A	A	A
Sodium Perborate	B	A	A	B	B	B	B/70°	A	A	A	B	A	D	B	A	B
Sodium Peroxide (Sodium Dioxide)	B	B	A	B	B	B	D	A	A	B	F	A	B	A	B	B
Sodium Phosphate	A	A	A	A	C	A	A	A	A	A	A	A	D	B	B	A
Sodium Phosphate (Mono)	A	A	A	A	B	C	A	A	A	A	A	A	D	D	A	X
Sodium Phosphate (Dibasic)	B	A	A	A	B	B	A	A	A	A	A	A	D	D	A	X
Sodium Phosphate (Tribasic)	B	A	A	A	B	C	A	A	A	A	A	A	D	D	A	A
Sodium Silicate (Water Glass)	A	A	A	A	B	A	B	A	A	A	C	A	C	B	A	B
Sodium Sulfate (Salt Cake)	A	A	A	A	B	A	A	A	A	A	B	A	B	A	A	B
Sodium Sulfide	A	A	A	A	B	A	A	A	A	A	B	A	D	A	A	B
Sodium Sulfide - Saturated	A	A	A	A	B	A	A	B	B	A	A	A	D	B	B	A
Sodium Sulfite	A	A	A	A	B	A	A	A	A	A	A	A	A	D	A	B
Sodium Tetraborate	B	A	A	A	B	A	B	A	A	A	A	A	A	B	A	B
Sodium Tetraphosphate	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Thiosulfate (Antichlor)	A	A	A	X	X	X	X	X	X	A	B	A	A	C	A	B
Sodium Triphosphate	X	X	A	A	B	A	A	A	A	A	C	A	B	C	A	A
Sorghum	A	A	X	A	X	A	X	X	A	X	A	X	X	A	A	A
Soybean Oil	A	C	A	A	B	A	B/70°	D	A	B	B	X	A	A	A	A
Soy Sauce	A	A	X	A	X	A	B	X	A	X	A	X	A	D	A	X
Sperm Oil (Whale Oil)	X	B	X	A	X	D	X	D	A	X	X	X	X	A	A	A
Spry	X	X	X	A	X	B	A	B/70°	A	X	X	X	X	X	X	X
SR-6 Fuel	X	X	X	B/70°	X	D	B/70°	D	A	X	X	X	X	X	X	X
SR-10 Fuel	X	X	X	A	X	D	B/70°	D	A	X	X	X	X	X	X	X

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Stannic Chloride	A	A	A	A	B	C	B	A	A	A	B	A	D	D	D	B
Stannic Fluorborate	X	X	X	A	X	A	X	X	A	X	C	X	D	D	X	X
Stannous Chloride	A	B	A	A	B	A	C	B	A	A	X	A	D	B	A	A
Starch	A	A	A	A	B	A	A	A	A	A	B	X	A	C	A	A
Stearic Acid	B	A	A	B	B	B	A	B	A	B/72°	A	A	B	X	A	A
Stoddard Solvent	B	D	A	A	C	D	A	D	A	A/70°	A	A	A	A	A	A
Styrene (Vinyl Benzene)	D	C	A	D	D	D	D	D	B	D	A	A	A	B	A	D
Sucrose Solutions (Sugar)	A	A	A	A	B	A	A	A	A	X	A	X	A	B	A	A
Sugar Liquids	A	A	A	A	B	A	D	A	A	A	A	A	A	A	A	A
Sulfate Black Liquor	B	A	A	B	B	A	A	A	A	A	D	A	B	C	A	A
Sulfate Green Liquor	B	A	A	B	B	A	A	A	A	A	D	A	B	C	A	A
Sulfite Liquor	B	A	A	B	X	A	C	B/70°	A	B	X	X	D	D	B	A
Sulfur	B	A	A	B	X	B	B	A	A	A	A	A	A	A	A	B
Sulfur Chloride	D	D	A	D	C/70°	A	C/70°	D	A	C	D	A/70°	B	D	B	A
Sulfur Dioxide	D	A	A	D	D	A	C	A	A	A	D	A	D	D	A	B
Sulfur Hexafluoride	C	B	A	B/70°	B	B	B	A	C	X	D	X	D	D	X	D
Sulfur Trioxide	D	D	A	D	D	A	C	C	A	D	X	C	D	D	B	B
Sulfuric Acid -Dilute	D	A	A	D	A	C	C	A	A	A	D	A	D	D	B	A
Sulfuric Acid - (To 10%)	D	A	A	D	A	D	D	A	A	A/120°	D	A	D	D	C	A
Sulfuric Acid - (To 75%)	D	A	A	D	B	D	D	C	A	A/72°	D	A/150°	D	D	C	B
Concentrated	D	B	A	D	C	D	D	C	A	C/72°	D	A/120°	D	D	B	A
(Fuming) Oleum	D	A	A	D	B	D	D	B	A	D	D	D	C	D	B	B
Sulfurous Acid	D	X	A	D	D	D	D	D	D	A	D	A	D	D	B	B
SunSAFE (Fire Resist. Hydr. Fluid)	B	D	A	A	A	B	D	D	A	X	X	X	X	X	X	X
Syrup	A	A	X	A	X	B	X	A	A	A	A	X	A	X	A	X
Tall Oil	A	D	A	A	X	D	A	D	A	A	X	A	D	C	B	A
Tallow	B	B	A	A	X	D	A	A	A	B/70°	A	X	A	X	A	X
Tannic Acid	A	A	A	A	A	A	A	A	A	A	D	A	D	C	A	B
Tanning Oils	X	X	A	A	X	D	X	X	A	A	D	A	A	X	A	A
Tar and Tar Oil	X	X	A	X	C	C	D	X	X	A	A	A	A	C	B	X
Tar, Bituminous	B	B	A	B/70°	B	C	B/70°	D	A	A	A	X	A	X	A	A
Tartaric Acid	B	A	A	A	(B)	A	A	C	A	A	D	A	A	D	A	A
Terpene Monocyclic	X	X	A	C/70°	X	A	X	D	A	X	X	X	A	D	X	X
Terpineol	D	B	A	B/70°	X	D	B/70°	C/70°	A	D	X	B/120°	A	A	A	A
Tertiary Butyl Alcohol	D	B	A	B	X	B	D	B/70°	A	B	A	X	X	X	X	X
P-Tertiary Butyl Catechol	X	B	A	D	X	B	X	B/70°	A	X	A	X	C	B	B	X
Tertiary Butyl Mercaptan	X	B	A	D	X	D	D	D	A	X	B	X	X	X	X	X
Tetra Bromoethane	D	D	A	D	X	D	X	D	A	D	X	X	D	X	X	X
Tetrabutyl Titanate	X	B	A	B/70°	X	B	X	A	A	X	X	X	X	X	X	X
Tetrachlorodifluorethane	D	D	A	B	X	D	X	D	X	X	X	X	X	X	X	X
Tetrachloroethylene	D	D	A	D	X	D	D	D	A	D	A	A/170°	D	A	A	X
Tetraethyl Lead	B	C	A	B	B	C	B	D	A	A	X	A	B	A	A	X
Tetraethylene Glycol	X	X	A	A	X	X	X	X	A	X	X	X	X	X	X	X
Tetrahydrofuran	D	B	A	D	B	D	D	D	D	C	A	B/70°	X	X	A	A
Tetralin	D	C	A	D	X	D	D	D	A	D	X	X	A	A	A	A
Thiokol TP-90B	X	X	X	D	X	B	X	A	A	X	X	X	X	X	X	X
TP-95	X	X	X	D	X	B	X	A	A	X	X	X	X	X	X	X
Thionyl Chloride	X	X	X	X	X	X	X	X	X	B	B	D	C	D	D	A

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25

MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Thiophene	D	D	A	D	X	D	X	D	C	X	X	X	X	X	X	X
Tin Tetrachloride	A	X	A	A	X	D	B/70°	X	X	A	X	A	D	D	D	A
Titanium Tetrachloride	C	D	A	B	X	D	D	D	A	D	X	B	D	A	B	B
Toluene (Toluol)	C	D	A	D	C	D	D	D	B	D	A	A	A	A	A	A
Toluene Di-Isocyanate (Hylene)	X	B	A	D	B	D	X	A	C	X	C	X	X	X	X	X
Toluidine	X	X	A	D	X	X	X	X	B/70°	X	X	X	A	A	A	A
Tomato Pulp & Juice	A	A	A	A	X	A	A	A	A	A	A	A	B	X	A	A
Transformer Oils	B	D	A	A	X	B	A	D	A	B/70°	A	A	A	A	A	A
Transmission Fluid, Type A	X	C	A	A	B	B	A	D	A	X	A	X	A	A	A	A
Triacetin	X	A	A	B	X	B	D	A	D	X	X	X	B	X	X	X
Triaryl Phosphate	D	X	A	D	X	D	D	A	A	B	X	A	X	X	X	X
Tributoxyl Ethyl Phosphate	X	B	A	D	X	D	D	A	A	X	X	X	X	X	X	X
Tributyl Mercaptan	X	B	A	D	X	D	X	D	A	X	X	X	X	X	X	X
Tributyl Phosphate	D	B	A	D	C	D	D	B	D	B	X	A	A	A	A	X
Trichloroacetic Acid	D	B	A	D	D	D	D	B/70°	D	B/140°	D	A/70°	D	D	D	B
Trichlorobenzenes	X	X	A	D	X	D	D	X	A	X	X	X	D	A	A	B
Trichloroethane	D	D	A	D	D	D	D	D	A	D	A	B/150°	D	A	A	A
Trichloroethylene (Triad)	D	D	A	D	D	D	D	D	C	C/70°	B	A	B	B	B	B
Trichloromonofluoroethane (Freon 17)	D	X	X	D	X	D	X	X	X	X	X	X	A	X	A	A
Trichloropropane	D	D	A	A	X	A	A	X	A	D	A	X	D	A	A	A
Trichlorotrifluoroethane (Freon 113)	A	D	A	A	A	A	B	D	A	A	X	A	A	A	A	A
Tricresyl Phosphate	D	B	A	D	C	C	D	A	A	B	C	D	D	A	A	A
Tridecyl Alcohol (Tridecanol)	X	X	A/170°	A	X	X	B	X	B/70°	X	X	X	X	X	X	X
Triethanol Amine	D	A	A	C	C	A	D	A	D	A/70°	A	A	B	A	A	A
Triethyl Aluminium	X	B	A	D	D	D	X	X	B/70°	X	X	X	X	X	X	X
Triethyl Amine	D	D	A	A	X	B	D	A	A	C	A	A/120°	X	A	A	A
Triethylene Glycol (TEG)	A	X	A	A	X	X	X	X	A	A	X	X	X	X	X	X
Triethyl Borane	X	B	A	D	X	D	X	X	A	X	X	X	X	X	X	X
Trifluoroethane	X	X	A	D	X	D	D	D	A	X	X	X	X	X	X	X
Trimethylene Glycol	X	X	A	A	X	X	X	A	A	X	X	X	X	X	X	X
Trinitrotoluene (TNT)	X	A	A	D	X	B	X	D	B/70°	X	X	X	X	X	X	X
Trioctyl Phosphate	X	B	A	D	X	D	D	A	B	X	X	X	X	X	X	X
Triphenyl Phosphate	D	X	A	D	X	X	X	X	C/70°	X	X	X	X	X	X	X
Trisodium Phosphate	A	A	A	A	A	A	B	A	A	A	D	A	D	A	B	A
Tung Oil	D	B	A	A	(B)	A	B	D	A	A	X	A	A	B	A	A
Turbine Oil	X	X	A	B	X	B	A	D	A	X	X	X	X	X	X	X
Turbine Oil #15 (Mil -L-7808A)	X	X	A	B	X	D	D	D	A	X	X	X	X	X	X	X
Turbo Oil #35	X	X	X	A	X	B	A	D	A	X	X	X	X	X	X	X
Turpentine	B	D	A	A	B	D	D	D	A	B/120°	A	A	A	B	A	B
Type 1 Fuel (Mil-S-3136)	X	D	A	A	A	A	B	D	A	X	X	X	X	X	X	X
Type 11 Fuel (Mil-S-3136)	X	D	A	B	X	D	B/70°	D	A	X	X	X	X	X	X	X
Type 111 (Fuel Mil-S-3136)	X	D	A	B	A	D	B/70°	D	A	X	X	X	X	X	X	X
Univis 40 (Hydr. Fluid)	X	D	A	A	X	B	A	D	A	X	X	X	X	X	X	X
Univolt #35 (Mineral Oil)	X	C	A	A	X	B	A	D	A	X	X	X	X	X	X	X
Unsymmetrical Dimethyl Hydrazine	X	B	A	B/70°	X	B	D	A	D	X	X	A/70°	B	A	A	X
Urea (Carbamide)	B	A	A	B	B	A	B	A	A	A	A	A	B	X	B	B
Uric Acid	X	X	A	X	D	X	D	X	X	D	D	D	D	X	B	B
Urine	A	A	A	A	X	D	X	A	A	A	C	A	B	B	A	A

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MATERIAL	Nitrile (TPE)	Santoprene	Teflon	Nitrile (TS)	Hytre	Neoprene	Urethane	EPR,EPDM	Viton	Polypropylene	Acetal	PVDF	Aluminum	Cast Iron	Stainless	Hastelloy
Valeric Acid	X	X	A	D	X	D	X	A	X	X	X	X	A	X	X	X
Vanilla Extract	X	A	A	A	X	A	X	X	X	X	X	X	X	X	A	X
Varnish	B/70°	D	A	B/70°	X	D	B	D	A	A	X	A	A	X	A	A
Vegetable Juices	X	A	D	A	X	B	B	A	A	X	A	X	C	X	A	X
Vegetable Oil	A	A	A	A	X	B	A	A	A	A	A	A	A	B	A	A
Versilube	X	X	A	A	X	A	A	A	A	X	X	X	X	X	X	X
Versilube F-50	X	X	A	A	X	A	A	A	A	X	X	X	X	X	X	X
Vinegar	B	A	A	B/70°	C	B	B	A	A	A	B	A	D	C	A	A
Vinyl Acetate	D	B	A	D	X	D	D	B	A	B/80°	X	A	B	A	A	A
Vinyl Chloride (Chloroethylene)	X	X	A	D	X	D	X	C	A	D	X	A	D	B	A	A
Walnut Oil	X	X	A	A	X	B	X	X	A	X	X	X	X	X	X	X
Water, Acid Mine	A	A	A	A	X	C	C	A	A	A	A	A	D	D	A	A
Water, Fresh	A	A	A	A	A	A	A	A	B	A	A	A	A	B	A	A
Water, Distilled	A	A	A	A	X	B	A	A	A	A	A	A	B	D	A	A
Water, Salt	A	A	A	A	A	A	B	A	A	A	A	A	D	D	C	X
Water-Brine, Process, Beverage	X	A	D	A	X	A	D	A	A	X	X	X	X	X	X	X
Waxes	D	X	A	A	X	A	A	B	A	D	A	D	D	D	D	A
Wemco C	X	X	A	A	X	B	A	D	A	X	A	X	X	X	A	X
Whey	A	A	X	A	X	X	X	X	A	X	X	X	B	X	A	X
Whiskey and Wines	A	A	A	A	B	A	D	A	A	A	A	A	D	D	A	A
White Liquor (Pulp Mill)	A	A	A	A	X	A	D	A	A	X	X	X	X	X	X	X
White Pine Oil	X	A	A	B/70°	D	D	X	D	A	X	A	X	X	X	X	X
White Oil	X	C	A	A	X	B	A	D	A	X	A	X	X	X	A	A
Wolmar Salt	X	X	A	A	X	B	A	A	A	X	X	X	X	X	X	X
Wood Alcohol	X	X	A	A	X	A	D	A	D	X	X	X	X	X	X	X
Wood Oil	X	X	A	A	A	D	C/70°	D	A	X	X	X	A	A	A	X
Wort, Distillery	X	X	X	A	X	B	B/70°	A	A	X	X	X	A	B	A	A
Xylene (Xylo)	C	D	A	D	B	D	D	D	A	B	A	A	A	A	A	A
Zeolites	X	A	A	C	X	C	X	A	A	X	X	X	X	X	A	A
Zinc Acetate	B	A	A	B	X	B	D	A	B	A	X	A	C	X	A	X
Zinc Carbonate	A	A	A	A	X	A	A	A	A	X	X	X	B	B	B	B
Zinc Chloride	A	A	A	A	A	A	A	A	A	A	D	A	D	D	C	A
Zinc Hydrosulphite	A	A	(A)	A	X	A	X	A	X	X	C	A	D	X	A	X
Zinc Salts	A	A	A	A	X	A	A	A	A	A	X	A	X	X	X	X
Zinc Sulfate	A	A	A	A	C	A	A	A	A	A	C	A	D	D	A	A