IST International Surface Technologies

ISTpure
BEYOND THE SURFACE

SR SERIES SOLVENT RECYCLERS CHEMICAL COMPATIBILITY GUIDE

GRACO

CHEMICAL COMPATIBILITY GUIDE

2022-06-16

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AEROSAFE 2300 TO ALUMINIUM CHLORIDE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Aerosafe 2300	A	A	A	A	A	A	D	-	A	-	D	-	-	B	-	D	D	-	D	-	A	-	B	-	A
Aerosafe 2300F	A	A	A	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aerosafe 2300W	A	-	A	A	-	A	D	-	A	-	D	-	-	A	-	D	D	-	D	-	A	-	B	-	D
Aeroshell 17 Grease	A	A	A	A	A	A	A	-	D	-	A	-	-	D	-	A	A	-	B	-	A	-	D	-	A
Aeroshell 1Ac	A	A	A	A	A	A	-	-	D	-	A	-	A	D	-	A	A	-	B	A	A	B	D	-	B
Aeroshell 750	A	A	A	A	A	A	B	-	D	-	A	-	-	D	-	B	C	-	D	-	A	-	D	-	A
Aeroshell 7A Grease	A	A	A	A	A	A	A	-	D	-	A	-	-	D	-	A	A	-	B	-	A	-	D	-	D
Alcohol	A	A	A	A	A	B	A	-	B	-	A	-	-	B	A	-	-	D	-	B	A	A	A	A	-
Alcohol: Allyl	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcohol: Amyl	B	B	B	A	A	A	B	A	A	-	B	B	A	A	-	B	B	A	B	B	A	A	A	A	D
Alcohol: Benzyl	B	B	B	B	B	A	D	C	C	-	A	-	A	D	-	D	D	D	C	A	A	A	A	A	C
Alcohol: Butyl	B	B	B	A	A	A	C	A	A	-	A	-	A	D	-	A	B	D	A	B	A	A	A	A	D
Alcohol: Diacetone	B	A	B	A	A	A	D	D	B	-	D	-	A	D	-	D	D	A	D	B	A	A	C	-	B
Alcohol: Ethyl	B	B	B	A	A	A	C	A	A	-	A	-	A	A	-	A	A	B	A	A	A	A	B	A	D
Alcohol: Hexyl	A	A	A	A	A	A	A	B	C	-	C	-	A	D	-	A	A	A	B	A	A	A	B	-	D
Alcohol: Isobutyl	B	C	C	A	A	A	C	A	B	-	A	-	A	B	-	C	C	B	A	A	A	A	A	-	D
Alcohol: Isopropyl	B	A	C	B	B	A	C	A	B	-	A	-	A	A	-	C	C	D	B	A	A	A	B	-	D
Alcohol: Methyl	B	A	A	A	A	A	A	A	B	-	D	-	A	B	-	A	A	B	A	A	A	A	A	A	D
Alcohol: Octyl	A	A	A	A	A	A	B	B	A	-	B	-	C	D	-	B	-	A	B	-	A	-	B	-	D
Alcohol: Propyl	A	A	A	A	A	A	A	A	B	-	A	-	A	D	-	A	A	B	A	A	A	A	A	C	D
Alcohols R-OH	-	-	-	-	-	A	-	-	-	-	-	-	A	-	-	-	-	A	-	A	-	A	-	A	-
Alkaline Solutions	-	-	-	A	A	A	A	-	A	-	A	-	-	-	-	-	-	-	A	-	A	-	-	A	-
Alkazene	-	-	-	-	-	-	D	-	-	A	A	-	-	D	-	D	D	-	D	-	A	-	D	B	D
Allyl Alcohol	B	A	A	A	A	-	A	-	A	B	B	-	A	D	-	A	A	A	A	B	A	A	B	A	B
Allyl Bromide	D	-	A	-	-	-	D	-	D	B	B	-	-	D	-	D	D	-	D	-	A	-	-	-	A
Allyl Chloride	D	-	D	B	B	-	D	-	D	B	B	D	-	D	-	B	C	-	D	A	A	A	-	B	D
Almond Oil (Artificial)	-	-	-	B	B	-	D	-	B	D	D	-	-	D	-	D	D	-	D	-	A	-	C	-	D
Alum (Aluminum Potassium Sulfate)	C	-	D	B	-	A	A	-	A	D	A	-	B	D	-	A	A	C	A	A	A	A	A	A	D
Aluminum Acetate (Burow's Solution)	A	-	D	C	B	A	C	-	A	D	D	D	B	-	-	B	-	A	C	A	A	-	A	A	D
Aluminum Ammonium Sulfate	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	A	A	A	B	-	-
Aluminum Bromide	-	-	-	-	-	-	A	-	A	-	A	A	-	D	-	A	B	-	A	-	A	A	B	-	D
Aluminum Chloride	D	D	D	D	C	B	A	B	A	A	A	A	A	C	-	A	A	D	A	A	A	A	A	A	B

ALUMINIUM CHLORIDE 20% TO ALUMMONIUM CUPRIC SULFATE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Aluminum Chloride 20%	D	D	D	D	C	C	A	B	A	-	A	-	A	-	-	-	-	D	A	A	A	A	-	-	-
Aluminum Chlorohydroxide	D	D	D	D	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	A	-	-	-	-
Aluminum Fluoride	B	D	D	D	D	D	A	A	B	A	A	A	B	-	-	A	B	B	A	A	A	A	A	A	C
Aluminum Hydroxide	B	A	D	B	C	A	B	A	A	C	A	A	B	D	-	A	A	B	A	A	A	A	A	A	B
Aluminum Nitrate	D	-	D	A	A	B	A	A	A	A	A	A	B	-	-	A	A	B	A	A	A	A	A	A	C
Aluminum Phosphate	-	-	-	A	A	A	A	-	A	A	A	-	-	-	-	A	A	-	A	A	A	A	A	-	D
Aluminum Potassium Sulfate	C	D	D	D	B	C	A	A	A	A	A	A	C	D	-	A	A	D	A	A	A	A	A	A	D
Aluminum Potassium Sulfate 10%	C	D	D	A	A	C	A	A	A	-	A	-	C	-	-	-	-	D	A	A	A	B	-	-	-
Aluminum Sodium Sulfate (Soda Alum)	-	-	-	-	-	-	A	-	A	A	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-
Aluminum Sulfate	C	D	D	B	B	B	A	A	A	A	A	A	B	B	A	A	A	A	A	A	A	A	A	A	B
Alums	A	D	D	-	A	-	A	-	A	-	D	A	B	D	-	-	-	A	B	A	A	A	-	-	-
Amines	B	D	D	A	A	D	D	D	C	D	D	D	B	D	D	D	D	D	D	B	A	-	A	A	D
Aminoethanol	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	A	-	A	A	C	-	-	-
Ammonia 10%	A	A	A	A	A	D	A	D	A	-	D	A	A	-	-	-	-	A	A	A	A	A	-	-	-
Ammonia Anhydrous	A	A	A	A	A	D	B	-	A	D	D	-	A	D	D	-	-	B	B	A	A	A	A	A	-
Ammonia Aqueous	-	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	B	-	A	A	A	-	A	-
Ammonia Gas — Cold	-	-	-	-	-	-	A	-	-	A	-	-	-	-	-	-	-	-	A	-	A	-	A	A	-
Ammonia Gas — Hot	-	-	-	-	-	-	C	-	-	D	-	-	-	-	-	-	-	-	B	-	A	-	A	A	-
Ammonia Liquids	D	-	A	A	-	D	-	-	A	-	D	-	B	-	-	B	B	-	A	A	A	A	A	D	B
Ammonia Liquors	A	-	A	A	-	-	-	-	-	D	-	-	-	-	-	-	-	-	A	-	A	-	A	-	-
Ammonia Nitrate	C	A	A	A	A	C	C	D	A	-	D	D	B	-	-	A	A	D	C	A	A	A	A	-	B
Ammonia, anhydrous	B	A	D	B	A	D	C	D	A	-	D	D	B	D	-	B	B	B	A	A	A	D	A	A	-
Ammonia, Gas (Cold)	-	-	-	-	-	A	A	-	A	-	D	-	-	D	-	A	B	-	A	B	A	D	A	-	B
Ammonia, Gas (Hot)	-	-	-	-	-	-	C	-	-	-	D	-	-	-	-	-	-	-	B	-	A	-	-	-	-
Ammonia, Liquids	D	-	A	-	A	-	B	-	-	-	D	-	B	-	-	-	-	B	A	A	A	A	-	-	-
Ammonia, Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ammonium Acetate	B	-	A	B	A	C	B	-	A	A	A	B	-	D	-	A	A	A	A	A	A	-	A	A	D
Ammonium Bicarbonate	B	-	B	-	-	-	A	-	B	A	D	-	-	-	-	A	B	-	A	-	A	-	B	A	C
Ammonium Bifluoride	D	D	D	D	B	D	B	-	A	-	A	B	B	-	-	A	A	-	D	A	A	A	A	-	D
Ammonium Carbonate	C	B	C	B	B	D	D	-	B	A	B	D	B	-	A	B	C	A	B	A	A	A	A	A	A
Ammonium Casenite	-	-	-	A	A	D	-	-	-	-	-	-	-	-	-	-	-	-	A	-	A	-	A	-	-
Ammonium Chloride	D	D	D	C	C	D	B	A	A	A	A	B	D	A	-	-	-	C	B	A	A	A	A	A	-
Ammonium Chloride 1%	C	-	D	C	-	A	-	-	A	-	A	-	A	A	-	B	A	-	A	A	A	A	A	A	B
Ammonium Cupric Sulfate	-	-	-	-	-	-	A	-	-	A	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-

AMMONIUM DICHROMATE TO AN-0-366

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Ammonium Dichromate	A	-	A	-	-	-	A	-	A	-	-	A	-	-	-	A	B	-	A	-	A	-	A	-	-
Ammonium Diphosphate	-	-	-	-	-	-	-	-	A	-	A	-	-	D	-	A	-	-	A	-	A	-	A	-	-
Ammonium Fluoride	D	A	D	D	A	-	B	-	A	A	A	-	A	-	-	B	B	A	B	B	A	A	B	A	-
Ammonium Hydroxide	C	D	D	B	A	D	D	A	A	B	B	B	B	D	B	B	B	C	B	A	A	A	A	A	D
Ammonium Metaphosphate	B	-	B	B	-	-	A	-	A	A	-	-	A	-	-	-	-	-	A	A	A	A	-	A	-
Ammonium Nitrate	B	B	D	A	A	B	A	A	A	A	B	A	B	B	A	A	A	C	B	A	A	A	A	A	A
Ammonium Nitrite	-	-	-	A	-	-	A	-	A	-	A	-	-	-	-	A	A	-	A	A	A	A	A	A	D
Ammonium Oxalate	-	D	D	A	A	B	D	-	A	-	-	A	A	-	-	-	-	-	A	A	-	-	A	A	-
Ammonium Oxalate - 5% Sol.	-	-	D	A	-	B	-	-	A	-	-	-	A	-	-	A	B	-	A	-	A	-	A	A	-
Ammonium Persulfate	D	D	D	A	B	D	D	A	B	A	A	D	B	-	-	D	D	D	A	A	A	A	A	A	D
Ammonium Phosphate	B	-	D	A	A	B	A	-	A	-	A	-	A	B	-	A	A	D	A	A	A	A	A	B	B
Ammonium Phosphate, Dibasic	B	D	D	B	C	B	A	A	A	A	A	A	B	-	-	-	-	D	A	A	A	A	A	-	-
Ammonium Phosphate, Monobasic	D	D	D	B	C	B	A	A	A	A	A	A	B	B	-	-	-	B	A	A	A	A	A	A	-
Ammonium Phosphate, Tribasic	D	D	D	B	B	B	A	A	A	A	A	A	B	-	-	-	-	B	A	A	A	A	A	-	-
Ammonium Sulfamate	-	-	-	-	-	-	-	-	A	-	A	-	-	B	-	A	A	-	A	-	A	-	A	-	A
Ammonium Sulfate	D	D	D	B	B	B	A	A	A	A	D	A	B	C	-	A	A	B	A	A	A	A	A	A	A
Ammonium Sulfide	B	-	-	B	-	-	A	-	A	A	D	A	A	-	-	A	-	-	A	-	A	-	-	A	B
Ammonium Sulfite	D	D	D	B	B	D	A	A	A	A	D	A	A	B	-	A	A	A	A	A	A	-	A	D	D
Ammonium Sulphate 1% - 5%	B	-	C	A	-	A	-	-	-	-	D	-	B	C	-	A	A	-	A	A	A	A	-	A	B
Ammonium Thiocyanate	C	-	C	A	-	-	A	-	A	A	A	-	A	-	-	A	-	-	A	-	A	A	-	A	-
Ammonium Thiophosphate	-	-	-	-	-	-	-	-	A	-	A	-	-	D	-	A	A	-	A	-	A	-	A	-	-
Ammonium Thiosulfate	A	D	D	A	A	B	A	-	A	A	A	A	-	-	-	A	A	-	A	-	A	-	A	-	-
Amyl Acetate (Banana Oil)	B	C	C	A	A	D	D	D	A	D	D	-	B	C	B	D	D	C	D	D	A	A	D	B	D
Amyl Alchol	B	-	-	A	-	A	B	-	-	B	-	-	A	-	-	-	-	A	B	B	A	A	A	A	-
Amyl Alcohol	B	B	C	A	A	A	B	A	A	A	B	-	B	A	-	B	B	B	B	B	A	A	B	A	D
Amyl Borate	-	-	-	-	-	-	A	-	D	A	A	-	-	-	-	B	-	-	B	-	A	-	B	-	D
Amyl Chloranaphthalene	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	C	-	D	-	A	-	C	-	D
Amyl Chloride (Chloropentane)	D	A	A	A	A	A	D	D	D	A	B	D	B	D	-	D	D	D	D	D	A	A	C	D	C
Amyl Chloronapthalene	-	-	-	-	-	-	B	-	-	A	A	-	-	-	-	-	-	-	D	-	A	-	C	-	-
Amyl Naphthalene	-	-	-	-	-	-	D	-	D	A	A	-	-	D	-	D	D	-	D	-	A	-	C	-	D
Amyl Napthalene	-	-	-	-	-	-	D	-	-	-	A	-	-	-	-	-	-	-	D	-	A	-	-	-	-
Amyl Phenol	A	-	A	A	-	-	D	-	-	A	A	-	A	-	-	D	-	-	-	-	A	-	C	-	-
AN-0-3 Grade M	-	-	-	-	-	-	-	-	B	-	A	-	-	D	-	A	B	-	D	-	A	-	B	-	B
AN-0-366	-	-	-	-	-	-	-	-	C	-	A	-	-	D	-	A	B	-	D	-	A	-	-	-	D

AN-0-6 TO ARSENIC SALTS

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
AN-0-6	-	-	-	-	-	-	-	-	A	-	A	-	-	D	-	A	B	-	A	-	A	-	-	-	D
Anderol, L-774 (Di-Ester)	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	D	-	A	-	-	-	D
Anderol, L-826 (Di-Ester)	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	B	D	-	D	-	A	-	D	-	D
Anderol, L-829 (Di-Ester)	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	B	D	-	D	-	A	-	D	-	D
ANG-25 (Di-Ester Base) (TG7449)	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	D	-	D	-	A	-	D	-	D
ANG-25 (Glyceral Ester)	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	B	D	-	B	-	A	-	-	-	D
Anhydrous Hydrazine	-	-	-	-	-	-	-	-	B	-	D	-	-	-	-	D	D	-	B	-	A	-	-	-	D
Anhydrous Hydrogen Fluoride	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	D	D	-	-	-	A	-	C	-	D
Aniline	C	C	C	A	B	B	D	D	D	B	D	-	B	D	-	D	D	C	D	C	A	C	B	C	D
Aniline Dyes	B	-	C	B	B	D	C	-	C	B	A	D	-	D	-	C	D	-	C	-	A	-	B	C	D
Aniline Hydrochloride	D	D	D	D	D	-	D	-	B	B	B	D	D	-	-	C	D	D	D	D	A	B	A	C	D
Aniline Sulfite	-	-	-	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Animal Fats & Oils	A	A	D	A	A	A	A	-	B	A	A	-	A	B	-	A	B	-	C	A	A	A	C	A	C
Anisole (Methylphenyl Ether)	B	-	B	B	-	-	-	-	-	D	-	-	B	-	-	-	-	-	D	-	A	-	-	C	-
Ansul Ether	-	-	-	-	-	-	C	-	C	D	D	-	-	D	-	C	D	-	D	-	A	-	D	-	B
Anthaquinone	B	-	B	B	-	-	-	-	C	-	D	-	A	D	-	C	D	-	D	-	A	-	D	-	B
Anti-Freeze (Alcohol Base)	A	A	A	A	A	D	A	-	A	A	A	-	A	B	-	-	-	D	C	D	A	-	A	-	-
Anti-Freeze (Glycol Base)	A	A	A	A	A	B	A	-	A	A	A	A	A	B	-	A	A	-	B	A	A	A	A	A	B
Antimonty Trichloride	B	-	A	A	-	-	-	-	B	-	A	-	B	D	-	B	-	-	C	A	A	A	A	A	D
Antimony Chloride	B	-	A	A	-	-	-	-	A	-	B	-	B	D	-	B	B	-	D	A	A	A	A	A	-
Antimony Pentachloride	A	-	A	A	-	-	D	-	-	-	-	D	A	-	-	-	-	-	-	-	A	-	-	A	-
Antimony Trichloride	D	-	D	D	D	-	B	-	B	A	A	B	B	-	-	-	-	D	-	A	A	A	-	A	-
AN-VV-0-366b Hydr. Fluid	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	A	D	-	C	-	A	-	D	-	D
Aqua Regia (80%, Hci, 20% Hno3)	D	D	D	D	D	D	D	C	D	B	C	D	D	D	-	D	D	D	D	D	A	A	D	B	D
Aresenic Acid	D	-	D	A	-	D	-	-	A	-	A	-	B	D	-	A	A	-	B	A	A	A	A	A	C
Aresenic Trichloride	D	-	D	D	-	D	-	-	D	-	A	-	B	D	-	A	B	-	A	-	A	-	B	-	-
Argon	-	-	-	-	-	-	-	-	A	-	A	-	-	A	-	A	A	-	D	-	A	-	A	-	A
Arochlor 1248	A	B	B	B	B	-	D	D	B	-	A	D	A	C	-	-	-	B	D	D	A	-	-	-	-
Aroclor	A	-	B	B	B	-	C	-	D	A	A	-	A	C	-	D	D	A	D	D	A	-	D	-	B
Aromatic Fuel 50%	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	D	-	A	-	C	-	D
Aromatic Hydrocarbons	A	A	B	A	C	A	D	D	D	A	A	D	-	C	-	D	D	A	D	D	A	-	C	-	D
Aromatic Solvents (Benzene Etc.)	A	-	B	A	-	-	C	-	D	B	-	-	B	-	-	-	-	-	D	-	A	-	-	-	-
Arsenic Acid	D	D	D	B	A	D	B	A	A	A	A	A	B	-	B	-	-	D	A	A	A	A	A	-	-
Arsenic Salts	-	-	-	-	-	-	-	-	-	-	A	-	-	B	-	-	-	A	-	-	-	-	-	-	-

ARSENIC TRICHLORIDE TO BARIUM NITRATE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Arsenic Trichloride	D	-	D	D	D	-	C	-	D	D	D	D	B	-	-	-	-	-	A	-	A	-	B	A	-
Ascorbic Acid	A	-	D	A	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-
Askarel	-	-	-	A	-	-	B	-	D	C	A	B	-	D	-	B	C	-	D	-	A	-	D	-	D
Asorbic Acid	A	-	D	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-
Asphalt	C	A	B	B	A	B	B	D	D	-	A	B	-	B	A	B	B	A	D	B	A	A	B	-	B
Asphalt Emulsions	B	-	A	A	A	-	-	-	D	-	A	-	A	B	-	B	B	C	B	-	A	A	B	A	B
Asphalt Hydrocarbons	A	-	B	A	-	B	B	-	D	A	-	-	-	-	-	-	-	A	C	A	A	A	B	-	-
Asphalt Sealer	-	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Asphalt Topping	A	-	A	A	-	D	-	-	D	-	A	-	A	B	-	B	B	-	B	D	A	D	B	A	B
Asphalt Topping Hydrocarbons	-	-	A	A	-	-	C	-	-	C	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-
ASTM — Ref #1 Oil (High Aniline)	A	-	A	A	-	A	A	-	D	A	A	A	A	A	-	A	C	-	B	-	A	-	C	A	B
ASTM — Ref #2 Oil (Medium Aniline)	A	-	A	A	-	A	A	-	D	A	A	A	A	A	-	A	-	-	B	-	A	-	C	A	D
ASTM — Ref #3 Oil (Low Aniline)	A	-	A	A	-	A	A	-	D	A	A	A	A	A	-	A	C	-	C	-	A	-	C	A	D
ASTM — Ref #4 Oil (High Aniline)	A	-	A	A	-	A	B	-	D	A	A	B	A	D	-	B	-	-	D	-	A	-	-	A	D
ASTM — Ref Motor Fuel A (Aliphatic)	A	-	A	A	-	-	A	-	D	A	A	A	A	A	-	A	B	-	B	-	A	-	B	-	D
ASTM — Ref Motor Fuel B (30% Aromatic)	A	-	A	A	-	-	A	-	D	A	A	A	A	A	-	D	B	-	D	-	A	-	C	-	D
ASTM — Ref Motor Fuel C (50% Aromatic)	A	-	A	A	-	-	B	-	D	A	A	B	A	A	-	B	C	-	D	-	A	-	C	-	D
Atlantic Dominion F	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	B	-	-	B	-	A	-	C	-	D
Atmosphere, Industrial	A	-	C	B	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere, Marine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atmosphere, Rural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aurex 903R (Mobile)	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	A	-	-	B	-	A	-	-	-	A
Automatic Brake Fluid	A	A	A	A	A	A	D	-	A	-	D	-	-	-	-	-	-	-	B	-	A	-	C	-	-
Automatic Transmission Fluid	A	A	A	A	A	A	A	-	D	-	A	-	A	A	-	A	-	-	B	-	A	-	D	-	B
Automotive Gasoline (Standard)	A	A	A	A	A	A	A	-	D	-	A	-	-	-	-	-	-	-	D	-	A	-	-	-	-
Aviation Gasoline	A	A	A	A	A	-	B	-	D	A	A	A	A	D	-	A	B	-	C	-	A	-	-	-	D
Banana Oil	-	-	-	A	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-
Barbeque Sauce	-	D	D	A	A	-	A	-	-	-	-	A	-	-	-	-	-	-	A	-	A	-	-	-	-
Bardol B	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	D	D	-	-	-	A	-	D	-	-
Barium Carbonate	D	A	B	B	B	A	A	-	A	A	A	A	B	-	A	A	A	B	A	A	A	A	A	B	B
Barium Chloride	D	C	D	B	C	A	A	A	A	-	A	A	B	B	-	A	A	B	A	A	A	A	A	B	A
Barium Cyanide	C	C	C	A	A	B	C	A	A	A	A	D	A	-	-	C	D	A	C	D	A	-	A	-	-
Barium Hydroxide	D	D	D	B	B	D	A	A	A	A	A	A	B	B	B	A	A	B	A	B	A	A	A	A	A
Barium Nitrate	B	A	A	B	B	B	A	-	A	-	A	A	A	-	-	A	A	B	A	A	A	A	A	B	B

BARIUM SULFATE TO BLAST FURNACE GAS

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Barium Sulfate	D	B	B	B	B	B	A	A	A	A	A	A	A	D	A	A	A	B	A	B	A	A	A	A	A
Barium Sulfide	D	D	D	B	B	A	A	A	A	A	A	A	A	-	A	A	A	B	A	B	A	A	A	B	A
Bayol 35	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	A	-	A	-	D	-	-
Bayol D	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	A	-	A	-	D	-	-
Beef Extract	-	-	D	A	-	-	A	-	-	A	A	-	-	-	-	A	A	-	A	-	A	-	A	-	-
Beer	A	D	D	A	A	A	C	A	A	A	A	A	A	B	A	-	-	B	A	B	A	A	A	A	-
Beer (Alcohol Ind.)	A	A	A	A	A	A	B	-	A	-	A	-	-	-	A	-	-	A	A	-	A	-	-	-	-
Beer (Beverage Ind.)	A	D	D	A	A	A	A	-	A	-	A	-	-	-	A	-	-	A	A	-	A	-	-	-	-
Beet Sugar	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Beet Sugar Liquids	A	A	A	A	A	B	A	A	A	-	A	-	-	-	-	-	-	A	B	B	A	A	-	-	-
Beet Sugar Liquors	A	B	B	A	A	A	A	-	A	-	A	-	-	B	A	-	-	A	B	-	A	-	-	-	-
Beet Sugar Liquors (Sucrose)	A	-	B	A	-	B	A	-	A	A	-	-	-	-	-	-	-	A	A	A	A	A	A	-	-
Benzaldehyde	B	A	A	B	B	A	D	D	B	D	D	D	A	B	-	D	D	D	D	D	A	A	D	C	D
Benzene	B	A	B	B	B	A	D	D	D	B	B	D	B	C	B	D	C	A	D	D	A	B	D	D	D
Benzene Hot	B	-	B	B	B	C	-	-	-	-	-	-	-	D	-	-	-	D	-	D	A	B	D	D	-
Benzene Sulfonic Acid	D	-	D	B	B	C	D	-	D	A	B	D	B	B	-	D	D	D	B	D	A	B	A	D	D
Benzoic Acid	B	D	D	B	B	B	D	D	D	A	A	A	B	D	A	D	D	D	D	D	A	A	A	A	D
Benzol	B	A	B	A	A	A	D	D	D	-	D	-	B	C	-	D	D	D	D	D	A	A	C	D	D
Benzol, Alcohol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzonitrile	-	-	-	D	D	-	-	-	-	-	-	-	C	-	-	-	-	A	-	-	A	-	-	-	-
Benzoyl Chloride	D	-	A	B	-	-	D	-	D	B	-	-	B	-	-	-	-	-	D	-	A	A	-	-	-
Benzyl	-	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzyl Acetate	A	-	A	A	-	-	D	-	-	D	D	D	B	D	-	D	-	-	-	-	A	-	-	C	-
Benzyl Alchol (Phenylcarbinol)	B	-	-	A	-	-	D	-	-	A	-	-	A	-	-	-	-	-	B	A	A	A	A	A	-
Benzyl Alcohol	A	A	A	A	A	-	D	-	C	A	A	-	B	C	-	D	D	D	C	A	A	A	D	A	D
Benzyl Benzoate	A	-	B	B	B	-	D	-	B	A	A	D	B	D	-	D	-	-	D	-	A	-	C	-	D
Benzyl Chloride	D	A	D	C	B	A	D	D	D	A	C	D	C	D	-	D	D	A	D	D	A	C	C	A	D
Benzyl Dichloride (Benzal Chloride)	D	-	B	A	-	-	D	-	-	-	-	D	B	-	-	-	-	-	-	-	A	-	-	-	-
Bichloride of Mercury	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	B	-	A	-	A	-	B	-	A
Biphenyl (Diphenyl)	A	-	A	-	-	-	D	-	D	A	A	D	-	-	-	D	D	-	D	-	A	-	D	-	D
Bismuth Subcarbonate	-	-	-	B	-	-	A	-	A	A	-	A	-	D	-	A	-	-	D	-	A	-	D	A	D
Black Point 77	-	-	-	B	-	-	-	-	A	-	A	-	-	-	-	A	-	-	C	-	A	-	-	-	C
Black Sulfate Liquor	C	-	B	A	-	-	B	-	B	A	B	B	B	B	-	B	-	-	B	-	A	A	-	A	D
Blast Furnace Gas	-	-	-	-	-	D	C	-	D	A	A	-	-	B	-	D	-	-	D	-	A	-	A	A	D

BLEACH LIQUOR TO BUTANE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Bleach Liquor	-	-	-	-	-	-	D	-	A	-	A	-	-	-	-	-	-	-	B	-	-	-	-	-	-
Bleach Solutions	D	-	D	B	-	D	D	-	A	B	B	D	B	C	-	D	D	-	D	D	A	A	B	B	D
Bleaching Liquors	-	-	-	-	-	-	D	A	A	-	A	-	-	-	-	-	-	C	D	A	A	-	-	-	-
Bleaching Powder (Wet)	-	-	-	A	D	-	A	-	-	-	-	-	-	-	-	-	-	A	-	-	A	-	-	-	-
Blood	-	-	-	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	-	-	-	-
Blood (Meat Juices - Cold)	A	-	D	B	A	-	B	-	A	-	C	-	-	D	-	C	D	-	A	A	A	-	B	A	D
Borax (Sodium Borate)	D	A	D	A	A	B	B	A	A	A	A	B	B	B	A	B	A	A	D	B	A	A	A	A	A
Bordeaux Mixtures	D	-	C	A	A	-	A	-	A	B	A	-	A	B	-	A	B	-	A	-	A	-	A	A	D
Boric Acid	D	D	D	B	A	C	A	A	A	A	A	A	A	B	A	A	A	B	D	A	A	A	A	A	A
Boron Fluids (HEF)	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	B	C	-	D	-	A	-	D	-	A
Brake Fluid (Non-Petroleum Base)	A	A	A	A	A	A	D	-	A	-	D	D	A	D	-	C	D	B	B	D	A	-	B	A	A
Brewery Slop	-	A	A	A	A	B	A	-	A	A	A	A	-	D	-	A	-	-	A	-	A	-	A	-	A
Brine (Calcium Chloride)	C	-	D	A	-	A	A	-	A	-	A	-	A	B	-	A	A	-	B	A	A	A	A	A	B
Brine (Sodium Chloride)	-	-	D	A	-	-	A	-	A	A	-	-	A	-	-	-	-	-	B	A	A	A	-	A	-
Bromine	D	-	D	D	D	D	D	D	D	A	A	D	A	D	-	D	D	D	D	D	A	A	C	D	D
Bromine Dry Gas	D	-	D	D	D	D	-	-	-	-	-	-	-	D	-	-	-	D	-	D	A	A	-	D	-
Bromine Moist Gas	D	-	D	D	D	D	-	-	-	-	-	-	-	-	-	-	-	D	-	D	A	A	-	-	-
Bromine Trifluoride	D	-	D	B	-	D	D	-	D	D	D	D	-	D	-	D	D	-	D	D	A	-	C	-	D
Bromine Water	D	-	D	D	-	D	D	-	D	B	B	D	A	D	-	D	D	-	D	D	A	A	B	D	D
Bromine-Anhydrous	D	-	D	D	D	D	-	-	D	-	A	-	A	D	-	D	D	D	D	D	A	A	C	D	D
Bromine-Pentafluroride	-	-	-	-	-	-	-	-	D	-	D	-	-	-	-	D	D	-	D	-	A	-	D	-	D
Bromine-Trifluoride	D	-	D	-	B	-	D	-	-	-	D	-	-	-	-	-	-	-	D	D	A	-	-	-	-
Bromine-Vapor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromine-Water	D	-	D	-	B	-	-	-	-	-	A	-	-	-	-	-	-	-	B	D	A	A	-	-	-
Bromobenzene	D	-	B	B	B	D	D	-	D	B	B	D	B	D	-	D	D	-	D	D	A	A	D	D	D
Bromochloro Trifluoromethane	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	-	-	D	-	A	-	D	-	D
Bromochloromethane	D	-	B	B	-	-	D	-	B	C	C	D	B	-	-	D	-	-	D	-	A	-	-	-	D
Bromotoluene	D	-	A	A	-	-	D	-	-	B	B	D	A	-	-	D	-	-	-	-	A	-	-	-	-
Bronzing Liquid	-	-	-	A	-	-	D	-	B	D	D	D	A	-	-	A	-	-	D	-	A	-	A	-	D
Bunker Oil	A	-	A	A	A	-	A	-	D	-	A	-	A	D	-	A	B	-	D	-	A	-	B	A	D
Bunker Oil (Fuel) #5, #6 & C Hydrocarbons	A	-	A	A	-	-	A	-	D	A	-	-	A	-	-	-	-	-	B	-	A	-	B	-	-
Bunker Oil (Fuel) #5,#6 & C (Hydrocarbons)	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Butadiene	A	A	A	A	A	A	D	B	D	C	B	D	C	D	A	D	D	C	D	D	A	A	D	D	D
Butane	A	A	A	A	A	B	A	B	D	A	A	A	A	B	A	A	A	B	B	D	A	A	D	D	D

BUTANOL (BUTYL ALCOHOL) TO CALCUIM ACID SULPHATE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Butanol (Butyl Alcohol)	B	-	B	A	A	A	A	A	A	-	A	-	B	B	-	A	B	B	A	B	A	A	B	A	D
Butraldehyde	-	-	-	-	-	-	D	-	-	-	D	-	-	-	-	-	-	-	C	D	A	B	-	-	-
Butter	A	D	D	C	A	A	A	B	A	-	A	A	-	B	-	A	A	A	B	A	A	A	D	A	A
Buttermilk	A	D	D	A	A	A	A	-	A	A	A	A	A	-	A	A	A	B	D	A	A	A	A	A	A
Butyl	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl Acetate	A	A	A	B	C	B	D	D	D	D	D	D	B	C	-	D	B	A	D	D	A	B	B	B	D
Butyl Acetyl Ricinoleate	A	-	A	A	A	-	C	-	C	B	A	D	A	-	-	C	D	-	D	-	A	-	B	-	D
Butyl Acrylate	-	-	-	-	-	A	D	-	D	D	D	D	-	D	-	D	D	-	D	D	A	C	C	A	-
Butyl Alchol (Butanol)	B	-	-	A	-	A	A	-	-	A	-	-	A	-	-	-	-	B	A	B	A	A	A	A	-
Butyl Alcohol	A	-	B	A	-	-	A	-	B	A	A	-	A	B	-	A	A	-	A	A	A	A	A	A	D
Butyl Amine	A	-	A	A	A	D	C	-	D	D	D	D	B	D	-	B	B	A	D	D	A	B	D	A	D
Butyl Benzoate	B	-	B	B	B	A	-	-	B	A	A	-	B	-	-	D	-	-	D	-	A	-	C	-	D
Butyl Bromide	-	-	-	-	-	-	D	-	-	B	-	-	-	-	-	-	-	-	-	-	A	A	-	-	-
Butyl Butyrate	A	-	A	A	-	-	D	-	A	D	-	D	A	D	-	D	-	-	D	-	A	-	C	-	-
Butyl Carbitol	-	-	-	-	-	A	A	-	A	A	C	A	-	-	-	D	D	-	C	-	A	-	B	-	D
Butyl Cellosolve	-	-	-	-	-	A	B	-	A	C	D	-	-	-	-	C	D	-	C	-	A	B	A	-	D
Butyl Chloride	D	-	B	B	-	-	D	-	-	A	A	-	B	C	-	D	D	A	C	D	A	A	D	-	-
Butyl Ether	B	-	B	B	A	D	B	-	D	C	D	A	B	D	-	A	-	A	D	D	A	A	D	A	-
Butyl Oleate	-	-	-	-	-	A	-	-	C	A	A	-	-	-	-	D	D	-	D	-	A	-	C	-	-
Butyl Phthalate	B	-	-	B	B	-	D	D	B	-	C	D	B	B	-	-	-	A	D	B	A	D	-	A	-
Butyl Stearate	B	-	B	B	B	A	A	-	D	B	A	A	B	-	-	B	C	-	D	-	A	A	C	A	B
Butylene	A	-	-	A	A	A	B	D	D	-	A	A	-	D	-	A	C	B	D	D	A	A	D	-	C
Butylene (Butene)	A	-	-	A	-	-	B	-	D	B	-	-	-	-	-	-	-	B	D	D	A	A	D	-	-
Butyraidehyde	A	-	A	A	-	A	D	-	C	D	D	D	A	D	-	D	D	-	D	D	A	B	C	C	D
Butyric Acid	B	D	D	B	B	D	D	D	C	C	B	D	A	B	-	D	D	C	D	B	A	A	A	B	D
Butyric Acid 5%	-	-	-	-	-	D	-	-	-	-	-	-	-	-	A	-	-	B	-	A	A	B	-	A	-
Butyric Acid Concentrated	-	-	-	-	-	D	-	-	-	-	-	-	-	B	-	-	-	D	-	D	A	B	D	B	-
Butyric Acid, Aqeous	B	-	-	-	A	-	D	-	-	-	D	-	A	-	-	-	-	B	D	A	A	A	-	-	-
Butyric Anhydride	A	-	A	A	-	-	-	-	-	-	-	D	A	-	-	C	-	-	-	-	A	-	A	D	-
Butyronitrile	-	-	-	-	-	-	D	-	A	-	C	D	-	D	-	D	-	-	D	-	A	-	-	-	-
Cadmium Sulfate (25% Concentration)	-	-	-	-	-	-	-	-	-	-	-	-	-	D	-	C	-	-	-	-	A	-	-	-	D
Caffiene Citrate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium Acetate (Hydrate)	C	-	C	B	-	-	B	-	A	D	D	B	B	D	-	B	-	-	C	-	A	-	-	-	D
Calcium Acid Sulphate	-	-	-	-	-	-	-	-	B	-	D	-	-	-	-	C	-	-	C	-	A	-	-	-	-

CALCIUM BISULFATE TO CAPRYLIC ACID (OCTANOIC ACID)

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Calcium Bisulfate	-	D	D	-	A	-	A	-	A	-	A	A	-	-	-	A	A	-	C	-	A	-	-	-	A
Calcium Bisulfide	C	-	D	B	B	D	A	-	D	-	A	A	A	B	-	A	A	A	A	A	A	A	D	-	A
Calcium Bisulfite	D	-	D	B	A	D	B	A	D	A	A	A	B	D	A	A	A	A	A	B	A	D	D	A	A
Calcium Carbonate (Chalk)	D	-	B	B	B	A	A	A	A	A	A	A	B	-	A	A	A	A	A	A	A	A	A	A	D
Calcium Chlorate	B	-	B	B	-	A	A	B	A	A	A	A	B	-	-	A	A	-	A	A	A	A	A	A	B
Calcium Chloride	D	C	C	C	C	D	A	A	A	-	A	A	A	A	-	-	-	B	A	A	A	A	-	-	-
Calcium Chloride (Brine)	C	-	C	C	-	D	A	-	A	A	A	-	A	A	-	A	A	B	A	A	A	A	A	A	A
Calcium Chloride Dilute	-	-	-	-	-	C	-	-	-	-	-	-	-	B	-	-	-	A	-	A	A	A	-	A	-
Calcium Chloride Saturated	-	A	A	A	A	D	A	-	A	-	A	-	-	B	A	-	-	B	A	A	A	A	-	A	-
Calcium Hydrosulfide (Calcium Sulfhydrate)	-	-	-	-	-	-	A	-	A	A	A	-	-	-	-	A	-	-	A	-	A	-	A	A	-
Calcium Hydroxide	C	A	A	B	B	D	A	A	A	-	A	-	A	B	-	-	-	A	A	A	A	A	-	-	-
Calcium Hydroxide - 10% (Boiling)	C	-	A	A	-	A	-	-	A	-	A	-	A	B	-	A	A	-	A	A	A	A	A	D	A
Calcium Hydroxide (Slaked Lime)	D	-	B	B	-	D	A	-	A	A	-	A	A	-	-	-	-	B	A	A	A	A	A	-	-
Calcium Hydroxide 10%	-	A	A	A	A	A	A	-	A	-	A	-	-	B	A	-	-	A	A	A	A	A	-	D	-
Calcium Hydroxide 20%	-	-	-	A	A	D	-	-	-	-	-	-	-	B	-	-	-	A	-	A	A	A	-	D	-
Calcium Hydroxide 30%	-	-	-	A	A	D	-	-	-	-	-	-	-	B	-	-	-	A	-	A	A	A	-	A	-
Calcium Hypochlorite	D	D	D	C	C	D	C	A	B	-	A	-	B	C	D	C	C	D	D	A	A	A	A	A	D
Calcium Hypochlorite 2% Boiling	D	-	C	C	B	D	-	-	-	-	-	-	-	C	-	-	-	D	-	A	A	A	-	D	-
Calcium Hypochlorite 20% (Calcium Oxichloride)	D	-	D	B	-	A	C	-	B	B	-	-	B	-	-	-	-	A	D	A	A	A	A	A	-
Calcium Hypochlorite, 20%(Calcium Oxichloride)	-	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium Nitrate	B	B	C	C	B	D	A	A	B	A	A	A	B	-	-	B	C	D	B	A	A	A	A	A	D
Calcium Nitrite	-	-	-	A	A	D	A	-	A	-	A	-	-	-	-	-	-	C	A	A	A	A	-	-	-
Calcium Oxide	C	-	-	A	A	A	A	A	A	-	B	A	A	A	-	-	-	B	A	A	A	A	-	-	-
Calcium Oxide (Unslaked Lime)	A	-	A	A	-	-	A	-	A	-	A	-	A	B	-	A	A	-	A	-	A	-	A	A	B
Calcium Silicate	A	-	B	A	-	-	A	-	A	A	A	A	A	-	-	A	-	-	A	-	A	-	-	-	-
Calcium Sulfate	C	A	C	B	B	D	A	A	A	A	A	A	B	-	-	A	A	D	D	A	A	D	A	A	B
Calcium Sulfide	A	-	B	B	B	-	A	-	A	A	A	A	A	-	-	A	A	-	B	A	A	A	A	-	A
Calcium Sulfite	B	-	B	A	-	-	A	-	A	A	A	A	-	-	-	A	B	-	A	-	A	-	A	-	A
Calcium Thiosulfate	-	-	-	-	-	-	-	-	A	-	A	-	-	D	-	B	C	-	A	-	A	-	A	-	A
Calgon	-	D	D	A	A	A	A	A	A	A	A	A	-	D	-	A	A	A	A	A	A	-	A	-	D
Cane Juice	B	A	A	A	A	A	A	A	A	-	A	A	-	-	-	A	B	A	A	D	A	B	A	-	D
Cane Sugar Liquors	A	A	B	A	A	-	A	-	A	A	A	A	-	B	-	A	A	-	A	A	A	A	A	-	D
Capryl Alcohol (Octanol)	A	-	A	A	-	-	A	-	C	B	B	-	A	-	-	A	B	-	D	-	A	-	A	-	D
Caprylic Acid (Octanoic Acid)	A	-	-	A	-	-	C	-	A	-	A	D	A	-	-	C	C	-	-	-	A	A	A	-	-

CAPRYLIC ALDEHYDRE TO CHLORINATED GLUE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Caprylic Aldehyde	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	D	-	-	-	-	A	-	-	-	-
Carbamate	-	-	-	-	-	-	C	-	C	A	A	D	-	-	-	C	D	-	C	-	A	-	A	-	D
Carbitol	B	-	B	B	B	-	B	-	C	C	A	B	A	-	-	B	C	-	C	C	A	A	B	-	D
Carbolic Acid (Phenol)	B	D	D	B	B	D	D	D	C	A	A	D	A	D	D	D	D	D	D	C	A	B	D	B	C
Carbon Bisulfide	B	-	B	B	B	B	D	D	D	-	A	D	B	C	-	D	D	A	D	D	A	A	D	D	C
Carbon Dioxide	A	A	D	A	A	C	A	-	B	A	B	-	A	C	A	A	B	B	B	A	A	A	A	C	C
Carbon Dioxide (dry)	B	D	D	A	A	A	A	B	B	-	B	-	A	A	-	-	-	A	B	A	A	A	-	-	-
Carbon Dioxide (wet)	A	D	D	A	A	A	A	B	B	-	B	A	A	-	-	-	-	A	B	A	A	A	-	-	-
Carbon Disulfide	C	A	B	B	B	B	D	D	D	A	A	D	B	D	-	D	D	C	D	D	A	B	D	D	C
Carbon Monoxide	A	A	A	A	A	B	C	C	C	C	A	A	B	B	-	A	A	A	B	A	A	B	A	C	A
Carbon Tetrachloride	D	D	D	B	B	B	D	D	D	A	A	D	A	D	-	C	D	D	D	D	A	A	D	D	A
Carbon Tetrachloride (dry)	D	-	-	B	B	B	C	D	D	-	A	-	B	D	A	-	-	D	D	D	A	A	D	D	-
Carbon Tetrachloride (wet)	D	C	C	A	A	C	D	D	D	-	-	-	B	D	-	-	-	D	D	D	A	A	D	C	-
Carbonated Beverages	C	-	D	A	-	-	A	-	A	-	A	-	A	-	-	A	A	-	A	A	A	A	A	-	B
Carbonated Water	A	D	D	A	A	A	A	-	-	-	A	A	-	-	-	-	-	A	A	B	-	A	-	-	-
Carbonic Acid	D	D	D	B	B	B	D	C	B	A	A	B	A	D	A	A	B	B	D	B	A	A	D	B	C
Casein	B	-	-	B	-	-	A	-	A	A	A	A	B	-	-	A	-	-	A	-	A	-	A	-	-
Casing Head Gas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	A	-	A	-	-	-	-
Catsup (Ketchup)	D	D	D	B	B	B	A	-	A	A	A	A	A	-	-	A	A	A	D	A	A	-	A	A	D
Caustic	D	-	-	A	A	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	B	-	-
Cellosolve	B	B	B	B	B	A	D	-	C	B	D	D	A	D	-	D	D	A	D	C	A	A	C	-	D
Cellosolve, Acetate	B	B	B	B	B	A	C	-	B	-	D	-	A	D	-	D	D	-	D	B	A	B	A	C	D
Cellosolve, Butyl	B	B	B	B	B	A	-	-	B	-	D	-	-	D	-	D	D	-	D	-	A	B	C	-	D
Celluguard	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	B	-	A	-	A	-	B	-	D
Cellulose Acetate	B	-	B	A	-	-	B	-	-	C	-	B	A	-	-	-	-	-	B	-	A	-	-	-	-
Cellulube® Hydraulic Fluids	A	-	A	A	-	-	D	-	A	B	A	D	A	-	-	-	-	-	D	-	A	-	D	-	-
Cellutherm 2505A	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	B	C	-	D	-	A	-	D	-	D
Cetane (Hexadecane)	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	A	B	-	B	-	A	-	D	-	D
Chloracetaldehyde	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	D	-	-	D	-	A	-	-	-	D
Chlorate of Lime	-	-	-	-	-	-	-	-	A	-	A	-	-	D	-	C	D	-	D	-	A	-	D	A	D
Chlorbenzol (Conc. Pure)	-	-	-	-	-	-	-	-	D	-	D	-	-	-	-	D	D	-	D	-	A	-	D	-	-
Chlorextol	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	-	-	B	-	A	-	-	-	D
Chloric Acid	D	D	D	D	D	D	-	-	-	-	-	-	A	-	-	-	-	D	-	A	A	A	-	-	-
Chlorinated Glue	D	D	D	-	A	D	C	-	B	-	A	B	-	-	-	-	-	-	D	-	-	-	-	-	-

CHLORINATED LIME (35% BLEACH) TO CHROMIC ACID (25% - 50%)

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Chlorinated Lime - 35% Bleach	D	-	D	A	-	D	C	-	A	A	A	D	A	C	-	C	C	-	D	B	A	A	D	A	D
Chlorinated Water	D	-	-	B	B	D	C	-	D	A	A	-	A	D	-	C	D	D	C	C	A	B	D	A	D
Chlorine (dry)	D	D	D	D	B	D	D	D	D	A	A	-	A	D	-	D	D	D	D	D	A	A	D	B	D
Chlorine (Wet)	D	-	D	D	D	D	D	-	D	A	A	D	A	D	D	D	D	D	D	D	D	D	D	B	D
Chlorine Dioxide	D	-	D	D	D	-	D	-	C	B	B	D	B	D	-	D	D	-	D	D	A	A	D	-	D
Chlorine Gas (Dry)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorine Gas (Wet)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorine Trifluoride	D	-	D	A	A	-	D	-	D	B	D	D	-	-	-	D	D	D	D	D	A	-	D	D	D
Chlorine Water	D	-	-	C	C	D	D	C	C	-	A	D	A	-	-	-	-	C	D	D	A	B	-	-	-
Chlorine, Anhydrous Liquid	D	D	D	D	D	D	D	C	D	A	A	D	D	D	-	D	D	D	D	D	A	A	D	D	D
Chloroacetic Acid	D	D	D	D	B	D	D	-	B	C	D	D	A	D	-	D	C	D	D	C	A	B	D	D	D
Chloroacetone	D	-	B	B	B	B	D	-	D	C	B	D	B	D	-	D	D	-	C	D	A	-	C	-	D
Chlorobenzene	D	B	C	B	B	D	D	D	D	A	A	D	B	D	-	D	C	D	D	D	B	B	D	B	D
Chlorobromomethane	D	B	B	B	B	B	D	D	B	A	A	D	-	D	-	D	D	C	D	D	A	-	D	D	D
Chlorobutadiene	D	-	B	B	A	-	D	-	D	A	A	D	B	D	-	D	D	-	D	D	A	-	C	-	D
Chlorodane	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	D	D	-	D	-	A	-	C	-	D
Chlorododecane	D	-	D	-	-	-	D	-	D	-	A	-	-	D	-	D	D	-	D	D	A	-	D	-	D
Chloroethanol	B	-	B	-	B	D	-	-	-	-	-	-	-	-	-	-	-	D	-	D	A	C	-	-	-
Chloroform	D	B	D	A	A	B	D	D	D	A	A	D	B	D	-	D	C	D	D	D	A	B	D	D	D
Chlorol 1 Nitro Ethane	D	-	-	-	-	-	D	-	D	-	D	-	-	D	-	D	D	-	D	D	A	-	C	-	D
Chloronaphthalene	D	-	B	B	B	-	D	-	D	C	A	D	B	D	-	D	D	-	D	D	A	A	D	C	D
Chlorophenol	C	-	C	B	B	B	-	-	D	-	B	D	A	-	-	D	C	D	D	-	A	B	C	-	D
Chlorosulfonic Acid	D	D	D	D	D	D	D	D	D	D	D	D	B	D	-	-	-	D	D	D	A	D	A	D	-
Chlorosulfonic Acid (Dry)	D	-	D	D	-	D	-	-	C	-	C	-	B	C	-	D	C	-	D	C	A	C	C	D	D
Chlorosulfonic Acid (Wet)	D	-	D	D	-	D	-	-	D	-	D	-	B	D	-	D	D	-	D	C	A	C	D	D	D
Chlorosulfonic Acid Dilute	D	-	D	D	D	B	-	-	-	-	-	-	-	D	-	-	-	-	-	C	A	-	-	C	-
Chlorothene® (Chlorinated Solvents)	D	-	D	A	-	-	D	-	-	C	-	D	A	-	-	-	-	-	D	-	A	-	-	-	-
Chlorotoluene	D	-	B	B	B	A	D	-	D	-	A	-	A	D	-	D	D	-	D	D	A	-	C	-	D
Chlorotrifluoroethylene	B	-	B	B	-	-	D	-	-	-	-	-	B	-	-	-	-	-	-	-	A	-	-	-	-
Chlorox® (Bleach)	D	D	D	A	A	D	D	B	B	A	A	D	B	-	-	-	-	A	B	D	A	A	B	-	-
Chocolate Syrup	A	D	D	A	A	A	A	-	A	-	A	A	-	-	-	-	-	A	A	A	A	-	A	-	-
Chrome Plating Solutions	D	-	D	-	D	-	D	-	-	-	A	-	A	-	-	-	-	-	D	B	A	A	-	-	-
Chromic Acid	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromic Acid - 25%-50%	D	-	B	D	-	D	D	-	C	A	-	-	B	-	-	-	-	D	D	A	A	A	D	A	-

CHROMIC ACID (5%) TO COPPER FLUORIDE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Chromic Acid - 5%	C	D	D	B	A	D	D	B	A	-	A	-	B	D	-	D	D	D	D	D	A	A	A	A	D
Chromic Acid - 50%	D	D	D	C	B	D	D	C	C	-	A	-	B	D	-	D	D	D	D	D	A	A	A	A	D
Chromic Acid - Over 50%	D	-	B	D	-	D	D	-	C	A	-	-	B	-	-	-	-	D	D	D	A	A	D	A	-
Chromic Acid - To 10%	B	-	B	D	-	D	D	-	A	A	-	-	B	-	-	-	-	D	D	D	A	A	D	A	-
Chromic Acid 10%	D	D	D	B	B	D	D	C	C	-	B	-	A	D	-	-	-	D	D	D	A	A	-	-	-
Chromic Acid 30%	D	D	D	B	B	D	D	C	B	-	A	-	D	D	-	-	-	D	D	D	A	A	-	-	-
Chromic Acid Concentrated	D	D	C	C	C	D	-	-	-	-	-	-	-	D	-	-	-	D	-	B	A	B	D	A	-
Chromic Acid Dilute	-	-	-	A	A	D	D	-	C	-	A	-	-	-	-	-	-	C	C	A	A	A	-	A	-
Chromic Acid over 25%	-	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium Salts	-	-	-	-	-	-	-	-	-	-	-	-	-	B	-	-	-	B	-	-	-	-	-	-	-
Cider (Apple Juice)	B	D	D	A	A	A	A	-	A	A	A	A	A	D	-	A	B	A	A	A	A	-	A	A	D
Citric Acid	C	D	D	B	A	B	B	C	A	A	A	A	A	A	-	-	-	D	A	B	A	A	A	A	-
Citric Acid - 5% Solution	C	-	D	A	-	C	-	-	A	-	A	-	A	B	-	A	A	-	A	A	A	A	A	A	A
Citric Acid Concentrated	-	-	-	-	A	C	A	-	A	-	A	-	-	B	-	-	-	D	A	A	A	A	A	A	-
Citric Acid Dilute	A	-	-	A	A	B	-	-	-	-	-	-	-	B	-	-	-	A	-	A	A	A	A	A	-
Citrus Pectin Liquor	-	-	-	A	-	-	A	-	-	A	C	-	-	B	-	A	B	-	A	-	A	-	-	D	C
Cloracetic Acid	D	-	D	-	C	-	D	-	-	-	D	-	A	-	-	-	-	D	D	B	A	A	-	-	-
Coal Gas	-	-	-	-	-	-	-	-	A	-	A	-	-	B	-	D	-	-	A	-	A	-	-	-	B
Coal Tars	-	-	-	-	-	D	-	-	D	-	A	-	A	D	-	C	D	-	C	C	A	-	D	-	D
Cobalt Chloride	D	-	D	-	-	-	A	-	C	A	A	A	-	-	-	A	A	-	A	A	A	-	A	-	D
Coca Cola Syrup	-	-	-	A	A	-	-	-	A	-	B	-	-	-	-	A	B	-	B	-	A	-	A	-	B
Coconut Oil (Coconut Butter)	B	A	A	A	A	A	B	C	D	A	A	A	A	-	-	A	B	-	D	A	A	A	B	A	C
Cod Liver Oil	B	-	D	A	A	B	B	B	A	A	A	A	A	-	-	A	-	-	B	A	A	A	C	A	A
Coffee	A	-	-	A	A	A	A	A	A	-	A	A	A	-	-	A	A	A	A	A	A	-	A	A	D
Coke Oven Gas	-	-	-	-	-	-	C	-	D	A	A	-	-	-	-	C	D	-	C	-	A	A	B	A	D
Coliche Liquors	-	-	-	-	-	-	-	-	B	-	-	-	-	-	-	B	B	-	A	-	A	-	B	-	-
Convelex 10	-	-	-	-	-	-	-	-	-	-	A	-	-	D	-	D	D	-	D	-	A	-	D	-	D
Coolanol (Monsanto)	D	-	D	C	-	A	-	-	D	-	A	-	B	-	-	A	B	-	B	-	-	A	D	-	D
Copper Acetate	D	-	D	C	C	A	B	-	A	-	D	B	B	D	-	B	-	-	C	-	A	A	A	-	D
Copper Chloride	D	-	D	D	D	A	A	C	A	A	A	A	B	A	-	-	-	D	B	A	A	A	A	A	-
Copper Chloride - 1%	D	-	D	D	-	A	-	-	A	-	A	-	B	A	-	A	A	-	A	A	A	A	A	A	D
Copper Cyanide	D	A	D	B	B	A	A	C	A	A	A	A	A	A	-	A	A	D	A	A	A	A	A	A	A
Copper Fluoborate	D	D	D	D	D	B	B	-	-	-	A	B	B	A	-	B	-	-	A	-	A	-	A	-	A
Copper Fluoride	-	-	-	D	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	-	A	-

COPPER FLUOROBORATE TO DECAHYDRONAPHTHALENE (DECALIN®)

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Copper Fluoroborate	A	-	D	D	-	-	A	-	B	-	-	-	D	-	-	-	-	-	-	B	-	-	-	-	-
Copper Nitrate	D	D	D	A	A	A	A	-	A	-	A	A	B	A	-	A	B	D	A	A	A	A	A	A	B
Copper Nitrate Hexahydrate	D	-	D	A	-	A	A	-	A	A	-	A	B	-	-	-	-	D	A	A	A	A	-	-	-
Copper Nitrite	D	-	-	A	A	A	-	-	-	-	-	-	-	-	A	-	-	D	-	A	A	A	-	-	-
Copper Sulfate	-	-	-	A	A	A	A	-	A	-	A	A	-	B	-	-	-	C	A	A	A	A	-	A	-
Copper Sulfate - 5% Solution	D	-	D	A	A	D	A	-	A	-	A	-	A	A	-	A	A	C	A	A	A	A	A	A	A
Copper Sulfate (Blue Copperas)	D	-	D	A	-	A	A	-	A	A	-	-	A	-	-	-	-	B	A	A	A	A	A	A	-
Copper Sulfate >5%	D	D	D	B	B	D	A	C	A	-	A	-	A	A	-	-	-	D	A	A	A	A	-	-	-
Copper Sulfate 5%	D	D	D	B	B	D	A	C	A	-	A	-	A	A	-	-	-	D	A	A	A	A	-	-	-
Copper Sulfide	-	-	-	-	-	-	A	-	-	A	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-
Corn Oil	B	A	C	B	A	A	D	B	D	A	B	A	A	A	A	A	B	A	D	A	A	A	D	A	A
Cream	A	D	D	D	A	A	C	-	A	-	A	A	A	-	-	-	-	A	D	A	A	-	A	-	-
Creosols	B	-	C	A	-	B	-	-	D	-	A	-	B	-	-	D	D	-	D	D	A	A	C	D	D
Creosote Hot	B	-	B	B	B	D	A	-	D	-	A	-	-	D	-	-	-	D	B	D	A	-	-	A	-
Creosote, Coal Tar	B	-	B	B	-	D	-	-	D	-	A	-	B	D	-	B	D	-	D	D	A	-	D	-	D
Creosote, Coal-Tar	B	-	B	B	-	D	A	-	D	A	-	A	B	-	-	-	-	D	C	D	A	-	B	D	-
Creosote, Wood-Tar	-	-	-	B	-	D	A	-	D	A	A	A	-	D	-	A	D	D	C	D	A	-	D	D	C
Cresols	B	C	C	A	A	D	D	D	D	-	A	-	B	D	-	-	-	D	D	D	A	A	-	-	-
Cresyldiphenyl Phosphate	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-
Cresylic Acid	C	A	C	A	A	D	D	D	D	A	A	D	B	D	-	D	D	D	D	D	A	B	B	D	D
Crotonaldehyde	A	-	A	A	-	-	D	-	A	A	D	D	A	-	-	D	D	-	D	-	A	-	B	-	D
Crude Oil	A	-	B	A	A	D	-	-	D	-	A	A	B	B	-	B	C	A	C	D	A	A	D	B	D
Cumeme (Isopropylbenzene)	B	-	B	B	-	-	D	-	D	A	A	D	B	-	-	D	D	-	D	-	A	-	D	A	D
Cupric Acid	D	-	-	D	B	-	B	-	A	-	A	B	A	-	-	-	-	D	A	A	A	-	-	-	-
Cupric Chloride	D	-	D	B	B	D	-	-	-	-	-	-	-	-	-	-	-	D	-	B	A	B	-	A	-
Cutting Oil (Sulfur Base)	A	A	A	A	A	A	A	-	D	-	A	-	A	-	-	A	B	-	D	-	A	-	D	A	A
Cutting Oil (Water Soluble)	A	A	A	A	A	A	C	-	D	A	A	-	A	-	-	C	C	-	D	-	A	-	D	A	A
Cyanic Acid	-	D	D	A	A	D	C	-	A	-	D	D	-	-	-	C	D	-	D	-	A	-	B	-	D
Cyclohexane	B	B	B	B	A	A	B	D	D	A	A	A	B	A	-	A	A	A	D	D	A	A	D	A	B
Cyclohexanol	C	A	B	B	B	A	C	-	D	A	A	B	A	-	-	B	C	B	A	B	A	A	D	A	B
Cyclohexanone	B	B	B	B	B	A	D	-	C	D	D	D	B	D	-	D	D	A	D	D	A	D	D	B	D
Cyclopentane	B	-	B	B	-	-	B	-	D	A	-	-	B	-	-	-	-	-	A	-	A	-	-	-	-
Cymene (Isopropyltoluene)	-	-	-	-	-	-	C	-	D	A	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-
Decahydronaphthalene (Decalin®)	-	-	-	-	-	-	D	-	D	A	-	D	-	-	-	-	-	-	D	-	A	-	-	-	-

DECALIN TO DICHLOROETHANE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Decalin	-	-	-	-	-	-	D	-	D	-	A	-	-	-	-	D	D	-	D	B	A	A	C	C	D
Decanal	-	-	-	-	-	-	D	-	D	D	D	-	-	-	-	D	-	-	D	-	A	-	D	-	-
Decane	-	-	-	-	-	-	B	-	D	A	A	A	-	-	-	B	A	-	D	A	A	A	C	-	B
Decyl Alcohol (Decanol)	-	-	-	-	-	-	A	-	-	B	B	-	-	-	-	B	-	-	D	-	A	-	-	-	D
Degreasing Fluid (Chlorinated)	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	D	-	A	-	D	-	A
De-Ionized Water	A	-	C	A	-	-	A	-	A	-	A	-	A	A	-	A	A	-	A	A	A	A	A	A	-
Denatured Alcohol	B	-	B	A	A	A	A	-	A	B	B	-	A	-	-	A	A	-	B	A	A	A	B	-	D
Detergent Solutions	B	-	A	A	A	A	A	B	A	A	A	A	B	B	-	A	B	A	B	A	A	A	B	A	A
Detergents General	A	-	A	A	A	A	A	-	A	-	A	-	-	-	-	-	-	A	B	B	A	-	-	A	-
Developing Fluids (Photo)	-	-	D	A	B	A	A	-	C	A	A	-	A	D	-	A	-	-	A	-	A	-	A	A	D
Dextron	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	C	-	B	-	A	-	D	-	B
Dextrose	A	-	D	A	-	-	B	-	A	A	A	B	A	B	-	A	A	-	B	A	A	A	A	A	A
Diacetone	A	-	A	A	A	A	D	-	B	D	D	D	A	-	-	-	-	A	D	D	A	A	C	-	-
Diacetone Alcohol	A	-	A	B	B	A	D	A	B	D	D	-	A	-	-	-	-	A	D	D	A	D	B	-	-
Diacetone Alcohol (Acetal)	A	A	A	A	A	A	D	-	A	-	D	-	-	C	-	-	-	A	D	B	A	B	-	-	-
Diacetone Alcohol (Diacetol)	A	-	A	A	-	A	-	-	A	-	D	-	A	C	-	D	D	-	D	B	A	A	B	-	D
Diamylamine	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	B	-	-	D	-	A	-	B	-	D
Diazinon	-	-	-	-	-	-	-	-	D	-	B	-	-	D	-	C	D	-	C	-	A	-	D	-	D
Dibasic Ester	-	-	-	-	-	B	-	-	B	-	D	-	-	-	-	-	-	B	-	B	B	-	-	B	-
Dibenzyl Ether	B	-	B	B	B	-	D	-	C	C	C	D	B	-	-	D	-	-	D	-	A	C	C	-	B
Dibenzyl Sebecate	-	-	-	-	-	-	D	-	C	B	B	D	-	-	-	D	D	-	D	-	A	-	C	-	B
Dibromoethyl Benzene	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	D	-	A	-	C	-	D
Dibutyl Amine	-	-	A	A	-	-	C	-	D	D	B	D	A	-	-	C	D	-	D	D	A	B	C	-	D
Dibutyl Ether	B	-	B	-	B	-	B	-	C	-	C	-	-	-	-	D	D	-	D	D	A	A	B	-	D
Dibutyl Mercaptan	-	-	-	-	-	-	D	-	-	A	-	-	-	-	-	-	-	-	D	-	A	-	B	-	-
Dibutyl Phthalate	A	A	A	A	A	-	D	-	B	B	C	D	A	B	A	D	B	A	D	D	A	D	B	A	C
Dibutyl Sebecate	-	-	A	A	A	-	D	-	C	C	B	D	-	A	-	D	D	-	D	C	A	D	B	-	D
Dichlorethane	-	-	D	A	-	A	-	-	D	-	B	-	B	D	-	D	D	-	D	A	A	A	D	C	D
Dichloro Isopropyl Ether	D	-	-	-	-	-	D	-	D	D	C	D	-	D	-	D	D	-	D	D	A	-	D	-	B
Dichloroacetic Acid	-	-	-	-	-	-	D	-	C	D	D	-	-	-	-	D	-	-	D	-	A	-	B	-	-
Dichlorobenzene	B	A	A	A	B	-	D	D	D	-	C	D	A	D	-	-	-	D	D	D	A	B	D	D	-
Dichlorobutane	D	-	B	B	-	-	D	-	D	A	A	D	-	-	-	B	-	-	D	-	A	-	-	-	D
Dichlorodifluoro Methane	A	-	A	A	B	-	-	-	-	-	-	-	-	D	-	-	-	A	-	B	A	A	D	-	-
Dichloroethane	B	A	A	B	B	A	D	C	-	-	C	D	A	D	-	-	-	D	D	D	A	B	D	D	-

DCHLOROETHYL ETHER TO DIISOOCTYL PHTHALATE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Dichloroethyl Ether	B	-	-	-	-	-	D	-	-	-	-	-	-	-	-	D	-	-	-	-	A	-	-	-	-
Dichloroethylene	-	-	-	-	-	-	-	-	-	-	-	-	-	D	-	-	-	A	-	A	A	A	D	D	-
Dichloro-Isopropyl Ether	D	-	-	-	-	-	D	-	-	-	C	-	-	-	-	-	-	-	D	D	A	-	-	-	-
Dichloropenthane	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	D	-	A	-	D	-	D
Dicyclohexylamine	-	-	-	-	-	-	D	-	D	B	D	-	-	-	-	D	D	-	D	-	A	-	B	-	D
Diemethyl Formamide	A	-	A	A	-	C	-	-	B	-	D	-	A	B	-	C	C	-	D	A	A	D	A	A	D
Diemethyl Phthalate	A	-	A	A	-	-	-	-	B	-	A	-	A	A	-	D	D	-	D	A	A	A	A	-	D
Diesel Fuel	A	A	A	A	A	A	A	B	D	-	A	A	B	B	A	-	-	A	D	B	A	A	D	D	-
Diesel Oil (Fuel ASTM #2)	A	-	A	A	-	A	A	-	D	A	A	-	A	B	-	A	B	-	D	B	A	A	D	A	B
Di-Ester Lubricant Mil-L-7808	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	C	-	D	-	A	-	D	-	D
Di-Ester Synthetic Lubricants	A	-	A	A	-	-	-	-	D	-	A	-	A	D	-	D	D	-	D	-	A	-	D	-	D
Diester Synthetic Oils	A	-	A	A	-	-	B	-	D	A	-	-	A	-	-	-	-	-	D	-	A	-	-	-	-
Diethanol Amine	A	-	A	A	-	-	B	-	A	-	D	B	A	D	-	D	D	A	D	A	A	-	-	-	D
Diethanolamine	A	A	A	A	A	-	-	-	-	-	-	-	-	D	-	-	-	B	-	B	A	-	-	-	-
Diethyl Amine	B	-	D	B	-	-	C	-	C	D	D	-	A	-	-	C	D	A	C	A	A	A	C	-	C
Diethyl Aniline	-	-	-	-	-	-	-	-	B	-	C	-	-	-	-	D	D	-	D	A	A	A	B	-	D
Diethyl Benzene	-	-	-	-	-	-	D	-	D	A	A	-	-	-	-	D	D	-	D	-	A	-	C	D	D
Diethyl Carbonate	-	-	A	-	-	-	D	-	D	-	A	D	-	-	-	D	D	-	D	-	A	-	D	-	D
Diethyl Ether	B	B	B	B	B	A	D	D	D	D	D	B	B	C	-	D	D	C	D	D	A	B	B	D	A
Diethyl Phthalate (DEP)	A	-	A	A	-	-	D	-	-	C	C	D	A	A	-	D	B	-	-	-	A	-	A	-	-
Diethyl Sebecate	A	-	A	A	A	-	D	-	C	B	A	D	A	A	-	D	B	-	D	A	A	A	B	-	D
Diethyl Sulfate	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	D	D	-	A	-	A	-	B	-	D
Diethylamine	B	B	D	B	B	B	C	C	B	-	D	D	A	-	-	-	-	B	B	C	D	D	-	-	-
Diethylbenzen	-	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethylene Ether (Dioxane)	A	-	A	A	-	-	D	-	D	D	-	D	-	-	-	D	D	-	D	-	A	-	D	-	-
Diethylene Glycol	B	A	A	A	A	D	A	C	A	A	A	A	B	A	-	A	A	B	A	A	A	A	A	A	D
Diethylene Triamine	A	-	A	A	-	-	B	-	A	-	D	B	A	-	-	D	D	-	D	-	A	-	B	-	D
Difluorodibromomethane	-	-	-	-	-	-	-	-	B	-	-	-	-	D	-	D	D	-	D	-	A	-	B	-	D
Diisobutyl Ketone	A	-	A	A	-	-	D	-	B	D	D	D	A	-	-	D	D	-	D	-	A	-	B	-	D
Diisobutylene	B	-	B	B	B	A	B	-	D	C	A	B	-	D	-	B	C	A	D	A	A	A	C	A	D
Diisodecyl Adipate	-	-	-	-	-	-	D	-	-	C	C	D	-	-	-	D	-	-	-	-	A	-	-	-	-
Diisodecyl Phthalate	-	-	-	-	-	-	D	-	A	C	C	D	-	-	-	D	-	-	D	-	A	-	-	-	-
Diisooctyl Adipate	A	-	A	A	-	-	D	-	-	C	C	D	A	-	-	D	-	-	-	-	A	-	-	-	-
Diisooctyl Phthalate	-	-	-	-	-	-	D	-	B	C	C	D	-	-	-	D	D	-	-	-	A	-	C	-	-

DIISOOCTYL SEBECATE TO DRILLING MUD (WATER BASE)

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Diisooctyl Sebecate	-	-	-	-	-	-	-	-	C	A	B	-	-	-	-	C	D	-	D	-	A	-	D	-	D
Diisopropyl Amine	-	-	-	-	-	-	B	-	-	-	-	-	-	-	-	B	C	-	-	-	A	-	-	-	-
Diisopropyl Benzene	-	-	-	-	-	A	D	-	D	A	A	-	-	D	-	D	D	-	D	-	A	-	C	-	D
Diisopropyl Ketone	-	-	-	A	-	A	D	-	A	D	D	D	-	-	-	D	D	-	D	-	A	A	C	-	D
Dimethyl Aniline	A	-	-	B	B	D	D	-	B	-	D	D	B	-	-	-	-	A	D	D	A	B	-	A	-
Dimethyl Ether	B	-	B	B	-	-	A	-	-	A	-	A	B	-	-	-	-	-	B	-	A	-	-	-	-
Dimethyl Formamide	A	A	A	A	B	D	D	D	B	-	D	D	-	B	-	-	-	A	D	A	A	D	A	A	-
Dimethyl Phthalate	A	-	-	A	B	-	D	-	C	C	C	D	-	A	-	-	-	C	D	B	A	B	B	-	-
Dimethyl Sulfate	-	-	A	-	-	-	D	-	-	D	-	D	-	-	-	-	-	-	-	-	A	-	-	-	-
Dimethyl Sulfide	A	-	A	A	-	-	D	-	-	-	-	D	A	-	-	-	-	-	-	-	A	-	-	-	-
Dimethyl Sulfoxide	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	A	-	A	A	-	A	-	-
Dimethylaniline	A	-	-	-	-	D	-	-	B	-	C	-	B	-	-	D	D	-	D	A	A	A	B	A	D
Dinitrotoluene	-	-	-	A	-	-	D	-	D	C	B	D	-	-	-	-	-	-	D	-	A	-	B	-	-
Dioctyl Phthalate	A	A	A	A	A	-	D	-	B	B	B	D	A	A	-	-	-	A	D	D	A	B	C	A	-
Dioctyl Sebecate	A	-	A	A	-	-	D	-	C	C	B	D	A	-	-	-	-	-	D	-	A	-	C	-	-
Dioxane	B	-	A	-	A	-	D	-	-	-	D	-	-	-	-	-	-	A	D	C	A	C	-	-	-
Dioxolane	-	-	-	-	-	-	D	-	B	C	B	-	-	-	-	-	-	-	D	-	A	-	C	-	-
Dipentene	A	-	A	A	A	-	C	-	D	A	A	D	A	-	-	A	C	-	D	-	A	-	C	-	D
Diphenyl	B	B	B	B	B	-	D	B	D	-	A	D	B	-	-	D	D	-	D	D	A	A	C	-	D
Diphenyl Ether	A	-	A	A	A	-	-	-	-	-	-	-	-	-	-	-	-	A	-	D	A	-	-	-	-
Diphenyl Oxide	B	A	A	B	A	D	D	D	D	A	A	D	B	-	-	D	D	-	D	D	A	B	C	-	D
Dipropyl Ketone (Butyrone)	-	-	-	-	-	-	D	-	-	-	D	-	-	D	-	D	D	-	-	-	A	-	-	-	-
Dipropylamine	-	-	-	-	-	-	B	-	-	-	-	-	-	-	-	B	-	-	-	-	A	-	-	-	-
Dipropylene Glycol	-	-	-	-	A	-	A	-	-	A	A	A	-	-	-	A	A	-	-	A	A	B	A	-	-
Disodium Phosphate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dispersing Oil #10	A	-	A	A	-	-	D	-	D	C	C	-	A	-	-	D	D	-	D	-	A	-	-	-	-
Divinyl Benzene	-	-	-	-	-	-	D	-	D	A	A	-	-	-	-	D	D	-	D	-	A	-	D	-	-
Dodecyl Benzene (Alkane)	A	-	A	A	-	-	D	-	-	A	A	-	-	-	-	D	D	-	-	-	A	-	-	-	-
Dow (Silicones)	A	-	-	-	-	-	A	-	A	A	A	-	-	B	-	A	A	-	A	-	A	-	A	-	A
Dowtherm A	C	-	B	A	-	-	-	-	D	-	A	-	-	B	-	D	D	-	D	B	A	-	D	-	D
Dowtherm E	-	-	-	-	-	-	-	-	D	-	A	-	-	B	-	D	D	-	D	B	-	-	D	-	D
Dowtherm Oil	C	A	B	A	A	-	D	-	D	A	A	-	A	-	-	-	-	A	D	A	A	D	D	D	-
Drilling Mud (Oil Base)	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drilling Mud (Water Base)	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DRY CLEANING FLUID TO ETHYL BUTYL KETONE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Dry Cleaning Fluid	A	A	A	A	A	-	D	-	D	A	A	-	-	-	-	C	D	-	D	D	A	A	D	D	D
DTE Light Oil	-	-	-	-	-	-	-	-	D	-	A	-	-	B	-	A	B	-	B	-	B	-	D	A	D
Dyes	B	-	B	A	A	C	C	-	-	-	A	-	A	-	-	-	-	A	C	-	-	-	-	-	-
Ehtyl Alcohol (Ethanol)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Epichlorohydrin	D	A	A	A	A	A	D	-	C	D	D	D	A	D	-	D	D	A	D	B	A	D	B	-	D
Epsom Salts (Magnesium Sulfate)	B	A	A	A	B	B	A	A	A	A	A	A	B	-	-	A	A	B	A	A	A	A	A	A	-
Esam-6 Fluid	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	-	-	-	B	-	-	-	B	-	-
Esstic 42,43	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	A	A	-	B	-	-	-	D	-	B
Ethane	A	A	A	A	A	A	A	B	D	A	A	A	A	-	-	A	C	D	C	D	A	A	C	-	B
Ethanol (Ethyl Alcohol)	B	B	B	A	A	A	C	A	A	-	A	-	A	A	-	A	A	C	A	A	A	A	A	A	D
Ethanol Chloride	-	-	-	-	-	-	-	-	C	-	B	-	-	-	-	D	D	-	D	-	A	-	B	-	-
Ethanolamine	B	A	B	A	A	D	B	C	B	D	D	A	B	-	-	B	B	A	C	D	A	D	A	A	C
Ether	B	C	C	A	A	A	D	D	C	-	C	D	B	-	-	-	-	A	D	D	A	B	-	-	-
Ether Sulfate	-	B	-	D	D	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	A	-	-	-	-
Ethers	B	B	C	B	B	A	-	-	C	-	D	-	B	D	A	D	D	A	D	D	A	D	C	D	D
Ethlyene Oxide	-	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethlyene Trichloride (Trichloroethene)	-	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl (Liquor)	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Acetate	B	A	A	B	B	A	D	D	B	D	D	D	B	B	-	D	D	B	D	C	A	D	C	B	D
Ethyl Acetate 120° F	B	-	B	B	B	A	-	-	-	-	-	-	-	-	-	-	-	A	-	B	A	-	-	A	-
Ethyl Acetate 140° F	B	-	B	B	B	-	-	-	-	-	-	-	-	-	-	-	-	B	-	B	A	D	-	D	-
Ethyl Acetate 70° F	B	B	B	B	B	A	-	-	-	-	-	-	-	C	-	-	-	A	-	A	A	A	A	A	-
Ethyl Acetoacetate	A	-	A	A	-	A	D	-	C	D	D	D	A	D	-	D	D	-	D	-	A	A	C	A	D
Ethyl Acrylate	A	-	A	A	A	A	D	-	C	D	D	D	A	-	-	D	D	-	D	D	A	C	C	-	D
Ethyl Alchol (Ethanol)	B	-	B	A	-	-	A	-	-	B	-	-	A	-	-	-	-	D	A	A	A	A	B	A	-
Ethyl Alcohol (Ethanol)	B	-	B	A	-	-	A	-	A	B	A	-	A	A	-	A	A	D	A	A	A	A	A	A	D
Ethyl Aluminum Dichloride	-	-	-	-	-	-	D	-	-	B	B	-	-	-	-	D	D	-	-	-	A	-	-	-	-
Ethyl Amine (Monoethylamine)	B	-	B	A	-	-	D	-	A	D	D	-	-	-	-	D	-	-	D	-	A	-	-	-	D
Ethyl Benzene	B	A	B	B	B	A	D	-	D	A	A	D	A	-	-	D	D	-	D	D	A	C	D	A	D
Ethyl Benzoate	A	A	A	A	A	A	D	-	D	A	A	D	A	-	-	D	D	D	D	C	A	D	C	-	D
Ethyl Bromide (Bromoethane)	A	-	A	A	-	-	D	-	D	-	A	D	-	-	-	B	C	-	D	D	A	-	D	-	D
Ethyl Butyl Acetate	-	-	-	-	-	-	D	-	-	D	D	-	-	-	-	D	D	-	-	-	A	-	-	-	-
Ethyl Butyl Alcohol	-	-	-	-	-	-	A	-	-	B	B	-	-	D	-	A	A	-	-	-	A	-	-	-	D
Ethyl Butyl Ketone	-	-	-	-	-	-	D	-	-	D	D	-	-	-	-	D	D	-	-	-	A	-	-	-	-

ETHYL BUTYRALDEHYDE TO ETHYLENE GLYCOL MONOETHYL ETHER ACETATE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Ethyl Butyraldehyde	-	-	-	-	-	-	D	-	-	D	D	-	-	-	-	D	D	-	-	-	A	-	-	-	-
Ethyl Butyrate	B	A	B	A	A	-	D	-	D	C	C	D	A	-	-	D	D	A	D	D	A	-	-	C	-
Ethyl Caprylate	-	-	-	-	-	-	D	-	D	-	-	-	-	-	-	D	D	-	D	-	A	-	-	-	-
Ethyl Cellosolve	-	-	-	-	-	-	C	-	B	D	B	-	-	-	-	-	-	-	C	-	A	-	B	-	-
Ethyl Cellulose	B	-	A	B	B	A	B	-	B	C	D	B	B	B	-	B	B	B	B	C	A	-	A	-	B
Ethyl Chloride	D	C	C	A	A	A	A	D	A	A	A	B	B	C	-	A	C	B	D	D	A	A	D	D	C
Ethyl Chloride Wet	B	-	D	D	A	A	A	-	A	-	A	-	-	D	-	-	-	A	D	D	A	A	D	D	-
Ethyl Chlorocarbonate	D	-	A	-	-	A	-	-	D	A	A	-	-	D	-	D	D	-	D	-	A	-	A	-	D
Ethyl Chloroformate	D	-	-	-	-	A	-	-	D	-	A	-	-	D	-	D	D	-	D	D	A	-	C	-	D
Ethyl Cyanide (Propionitrile)	-	-	-	-	-	-	D	-	A	D	D	-	-	-	-	D	D	-	B	-	A	-	-	-	-
Ethyl Ether	C	C	C	B	B	B	D	D	D	-	D	D	B	-	-	D	D	B	D	D	A	B	D	D	D
Ethyl Formate	C	-	A	B	B	A	D	-	C	A	C	D	B	D	-	D	D	-	B	-	A	-	B	C	-
Ethyl Hexyl Acetate	-	-	-	-	-	-	-	-	-	-	D	-	-	D	-	D	-	-	-	-	A	-	-	-	-
Ethyl Hexyl Alcohol (Ethylhexanol)	A	-	A	A	-	-	-	-	A	-	A	-	A	D	-	A	A	-	A	-	A	-	A	-	D
Ethyl Iodide	-	-	-	-	-	-	-	-	C	-	B	-	-	-	-	D	-	-	D	-	A	-	-	-	-
Ethyl Isobutyrate	-	-	-	-	-	-	D	-	D	-	-	-	-	-	-	D	-	-	D	-	A	-	-	-	-
Ethyl Mercaptan	B	-	A	B	B	-	D	-	D	B	B	D	B	-	-	D	D	-	D	-	A	-	C	-	A
Ethyl Oxalate	A	-	-	-	-	-	D	-	A	B	B	-	-	D	-	D	D	-	D	-	A	-	B	-	A
Ethyl Pentachlorobenzene	D	-	-	-	-	-	D	-	D	A	A	-	-	-	-	D	D	-	D	D	A	-	D	-	C
Ethyl Propionate	A	-	A	A	-	-	D	-	D	-	-	D	A	D	-	D	D	-	D	-	A	-	D	-	-
Ethyl Silicate	B	-	A	A	A	-	A	-	A	A	A	A	A	B	-	A	B	-	A	-	A	-	B	C	D
Ethyl Sulfate	-	-	-	D	D	-	A	-	A	A	D	A	-	-	-	D	D	A	A	-	A	-	B	-	D
Ethylacrylic Acid	-	-	-	-	-	-	-	-	B	-	D	-	-	-	-	D	D	-	B	-	A	-	C	-	D
Ethylcyclopentane	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	C	-	-	-	-	-	A
Ethylene (Ethene)	A	-	A	A	A	A	B	-	D	A	A	B	-	D	-	A	B	-	C	-	A	-	C	-	B
Ethylene Bromide	D	-	B	A	B	-	D	C	C	-	A	-	B	-	-	-	-	-	C	D	A	A	-	-	-
Ethylene Chloride	D	-	C	B	B	A	D	D	D	-	C	D	B	C	-	D	D	B	D	D	A	A	D	C	D
Ethylene Chlorohydrin	D	B	B	B	B	D	D	C	B	B	B	D	B	D	-	D	D	D	B	D	A	B	D	-	D
Ethylene Diamine	D	A	A	B	B	D	B	B	A	D	D	B	C	-	-	B	B	D	B	A	A	D	A	A	D
Ethylene Dibromide	D	-	D	B	B	-	D	-	D	B	A	D	B	-	-	D	D	-	D	D	A	A	D	-	D
Ethylene Dichloride	D	A	B	B	B	C	D	D	D	B	B	B	B	D	A	D	C	B	D	D	A	A	D	D	D
Ethylene Glycol	B	B	B	B	B	B	A	A	A	A	A	-	B	C	-	A	A	B	A	A	A	A	A	A	B
Ethylene Glycol Monobutyl Ether (Butyl Cellosolve)	A	-	A	A	-	-	B	-	B	C	-	B	A	-	-	-	-	-	D	-	A	-	-	-	-
Ethylene Glycol Monoethyl Ether Acetate	A	-	A	A	-	-	C	-	B	C	-	D	A	-	-	-	-	-	D	-	A	-	-	-	-

ETHYLENE GLYCOL MONOMETHYL ETHER (METHYL CELLOSOLVE®) TO FORMAMIDE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Ethylene Glycol Monomethyl Ether (Methyl Cellosolve®)	B	-	B	A	-	-	C	-	B	D	-	-	A	-	-	-	-	-	C	-	A	-	-	-	-
Ethylene Oxide	D	D	D	C	C	D	D	D	D	C	D	-	A	A	-	D	A	A	D	D	A	B	A	C	D
Ethylene Trichloride	D	-	A	A	A	-	D	-	D	A	A	-	-	-	-	D	-	-	D	D	A	A	D	-	D
Ethylhexyl Acetate	-	-	-	-	-	-	D	-	-	D	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-
Ethylhexyl Alcohol (Ethylhexanol)	A	-	A	A	-	-	A	-	-	B	-	-	A	-	-	-	-	-	-	-	A	-	-	-	-
Ethylidene Chloride	D	-	B	A	-	-	D	-	D	-	-	-	B	-	-	D	D	-	D	-	A	-	D	-	-
Etyl Celloslve	-	-	-	-	-	A	-	-	B	-	D	-	-	-	-	D	C	-	D	-	A	-	B	-	D
Fatty Acids	B	C	D	B	A	B	C	B	D	A	A	B	A	D	A	B	B	B	C	B	A	A	D	A	D
Ferric Chloride	D	D	D	D	D	D	A	B	A	A	A	A	B	C	A	A	A	D	B	B	A	A	A	D	A
Ferric Chloride Concentrated	D	D	D	D	D	A	A	-	A	-	A	-	-	-	A	-	-	D	A	B	A	A	-	A	-
Ferric Hydroxide	-	-	-	A	-	-	B	-	B	C	B	-	B	-	-	B	B	-	B	-	A	-	B	-	-
Ferric Nitrate	D	D	D	B	B	D	A	A	A	A	A	A	B	D	A	A	A	D	B	A	A	A	A	A	A
Ferric Sulfate	D	D	D	B	A	D	B	A	A	A	A	A	A	A	-	A	A	D	A	B	A	A	A	A	A
Ferrous Chloride	D	D	D	D	D	D	B	A	A	A	A	A	B	A	-	B	B	D	A	A	A	A	A	A	D
Ferrous Sulfate	D	D	D	B	B	D	B	B	A	A	B	A	B	A	-	B	A	D	A	A	A	A	A	A	A
Fish Oil	-	-	-	-	-	-	A	-	D	A	A	B	-	B	-	A	A	-	B	-	A	-	B	A	B
Flouboric Acid	D	-	D	B	-	-	-	-	A	-	A	-	A	D	-	A	A	-	A	A	A	A	A	A	D
Flourine (Anhydrous)	D	-	D	A	-	A	-	-	D	-	B	-	B	D	-	D	D	-	D	D	B	A	D	-	D
Flourolube (Fluoro Carbonoil)	A	-	A	A	-	-	-	-	A	-	B	-	A	D	-	A	-	-	A	D	A	-	-	-	-
Fluoboric Acid	D	D	D	B	B	A	B	A	A	C	B	A	A	D	-	-	-	D	B	A	A	A	A	A	-
Fluorinated Cyclic Ethers	D	-	-	-	-	-	-	-	A	-	A	-	-	-	-	D	D	-	D	D	A	-	D	-	-
Fluorine	A	D	D	C	A	D	D	-	A	-	C	D	B	-	-	-	-	D	-	D	D	A	-	-	-
Fluorine (Liquid)	D	-	D	A	A	-	D	-	C	B	B	-	B	-	-	-	-	D	D	D	A	A	D	A	-
Fluorine Gas Dry - 300° F	B	-	D	A	B	D	-	-	-	-	-	-	-	D	-	-	-	D	-	D	D	D	-	D	-
Fluorine Gas Wet	D	-	D	D	D	-	D	-	D	-	-	-	-	-	-	-	-	D	D	D	A	A	-	C	-
Fluorobenzene	D	-	-	-	-	A	D	-	D	A	A	D	-	-	-	D	D	-	D	D	A	-	C	-	-
Fluorocarbon Oils	D	-	A	A	-	-	C	-	A	B	-	D	A	-	-	-	D	-	A	D	A	-	D	-	-
Fluorochloroethylene	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	D	-	A	-	C	-	-
Fluorolube	-	-	-	-	-	-	C	-	-	-	B	-	-	-	-	-	-	-	A	-	A	-	-	-	-
Fluorosulfonic Acid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluosilicic Acid	D	D	D	C	B	A	B	A	B	A	B	A	B	B	-	A	A	D	B	A	A	B	A	A	B
Formaldehyde	B	C	D	D	A	B	C	C	A	A	D	B	B	C	-	C	A	D	D	C	B	A	B	A	D
Formaldehyde 40%	B	B	B	A	A	A	B	B	A	-	A	-	B	B	-	-	-	A	B	A	A	A	-	-	-
Formamide	A	-	B	B	-	-	A	-	A	D	D	-	B	D	-	A	A	-	A	-	A	-	A	-	-

FORMIC ACID TO FREON MF

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Formic Acid	D	D	D	C	C	D	D	A	B	C	C	D	A	C	-	D	A	D	D	B	A	A	A	A	D
Freon - Wet	B	-	D	C	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freon 11	D	A	C	A	A	A	C	-	D	B	C	-	A	A	-	A	C	D	D	D	A	B	D	-	D
Freon 112	D	A	A	A	A	A	B	-	D	-	A	-	-	-	-	B	B	-	B	-	A	-	-	-	B
Freon 113	D	A	A	A	A	A	B	A	D	B	C	-	A	A	-	A	D	-	C	D	A	B	D	-	B
Freon 114	D	A	A	A	A	A	A	-	D	A	A	-	-	A	-	A	B	-	A	D	A	A	D	-	A
Freon 114B2	D	A	A	A	A	-	B	-	D	B	B	-	-	A	-	-	-	-	A	-	A	-	D	-	D
Freon 115	D	A	A	A	A	-	A	-	A	B	B	-	-	-	-	-	-	-	A	-	A	-	D	-	-
Freon 12	D	A	A	B	B	B	B	A	B	B	B	-	A	A	-	A	C	B	B	B	A	B	D	-	A
Freon 12 (Wet)	D	-	A	-	A	-	A	-	-	-	A	-	A	-	-	-	-	D	B	B	A	A	-	-	-
Freon 13	D	A	A	A	A	A	A	-	A	A	A	-	A	C	-	A	D	-	A	D	A	A	D	-	C
Freon 13B1	D	A	A	A	A	-	A	-	A	A	A	-	-	-	-	A	D	-	A	-	A	-	-	-	A
Freon 14	D	A	A	A	A	-	D	-	B	-	A	-	-	-	-	A	A	-	D	-	A	-	-	-	A
Freon 142B	D	-	-	-	-	A	D	-	A	-	D	-	-	-	-	A	-	-	A	-	A	-	-	-	-
Freon 15	C	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freon 152A	D	-	-	-	-	A	A	-	A	-	D	-	-	-	-	A	-	-	A	-	A	-	-	-	-
Freon 21	D	A	A	A	A	A	D	-	D	D	D	-	-	-	-	D	D	-	D	D	A	A	D	-	-
Freon 218	D	-	-	-	-	A	A	-	-	-	A	-	-	-	-	A	-	-	A	-	A	-	-	-	-
Freon 21B	D	-	-	-	-	-	A	-	-	-	A	-	-	-	-	-	-	-	A	-	A	-	-	-	-
Freon 22	D	D	D	A	A	A	D	B	C	D	D	-	A	D	-	D	D	B	B	D	A	B	D	-	D
Freon 31	D	A	A	A	A	A	D	-	A	-	D	-	-	-	-	D	D	-	A	-	A	-	-	-	-
Freon 32	D	A	A	A	A	A	A	-	A	-	D	-	-	-	-	A	D	-	A	-	A	-	-	-	-
Freon 502	D	-	A	A	A	A	B	-	A	-	B	-	-	D	-	B	-	-	A	-	A	-	-	-	-
Freon Bf	D	A	A	A	A	-	B	-	D	-	A	-	-	-	-	-	-	-	B	-	A	-	-	-	-
Freon C316	D	-	-	-	-	A	A	-	A	-	A	-	-	-	-	A	-	-	A	-	A	-	-	-	-
Freon C318	D	A	A	A	A	A	A	-	A	-	B	-	-	-	-	A	-	-	A	-	A	-	-	-	-
Freon Dry	A	-	B	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freon Dry F11	D	-	A	A	A	B	-	-	-	-	-	-	-	-	-	-	-	-	-	D	-	A	-	-	-
Freon Dry F12, F113, F114	D	-	A	A	A	B	-	-	-	-	-	-	-	-	-	-	-	-	-	D	-	A	-	-	-
Freon Dry F21, F22	D	-	A	A	A	B	-	-	-	-	-	-	-	-	-	-	-	-	-	D	-	A	-	-	-
Freon K-142B	D	A	A	A	A	A	A	-	A	-	D	-	-	-	-	-	-	-	A	-	-	-	-	-	-
Freon K-152A	D	-	-	-	-	A	A	-	A	-	D	-	-	-	-	-	-	-	A	-	-	-	-	-	-
Freon K-152K	D	A	A	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Freon Mf	D	A	A	A	A	-	B	-	D	-	B	-	-	A	-	-	-	-	D	-	A	-	B	-	-

FREON PCA TO GASOLINE SOUR

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Freon Pca	D	A	A	A	A	-	A	-	D	-	B	-	-	-	-	-	-	-	A	-	-	-	-	-	-
Freon Ta	D	-	-	-	-	-	A	-	A	-	D	-	-	-	-	A	-	-	A	-	A	-	-	-	A
Freon Tc	D	-	-	-	-	-	A	-	B	-	A	-	-	-	-	A	-	-	A	-	A	-	-	-	A
Freon TF	D	A	A	A	A	A	A	A	D	-	B	-	A	A	-	-	-	D	A	D	A	B	D	-	-
Freon Tmc	D	-	-	-	-	-	B	-	B	-	A	-	-	A	-	B	-	-	B	-	A	-	-	-	B
Freon T-P35	D	-	-	-	-	-	A	-	A	-	A	-	-	-	-	A	-	-	A	-	A	-	-	-	A
Freon T-Wd602	D	-	-	-	-	-	B	-	B	-	A	-	-	-	-	B	-	-	B	-	A	-	-	-	A
Freon, BF	D	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	B	-	A	-	-	-	-
Freon, MF	D	-	-	-	-	-	-	-	D	-	D	-	-	A	-	A	-	-	D	-	A	-	-	-	D
Freon, PCA	D	-	-	-	-	-	-	-	D	-	B	-	-	-	-	A	-	-	A	-	-	-	-	-	A
Freon, TF	D	-	A	A	-	A	-	-	D	-	B	-	A	A	-	A	-	-	A	-	A	B	D	-	B
Freonr 11	D	A	A	A	A	D	B	B	D	-	B	-	A	A	-	-	-	D	D	A	A	A	-	-	-
Fruit Juice	B	D	D	A	A	D	A	B	A	A	A	A	A	-	-	-	-	D	A	B	A	A	A	A	-
Fuel Oils (ASTM #1 thru #9)	C	A	A	A	A	C	A	C	D	A	A	-	A	B	A	A	B	B	C	C	B	B	C	D	D
Fumaric Acid (Boletic Acid)	-	-	-	-	-	-	C	-	B	A	A	-	-	B	-	A	-	-	B	-	A	-	A	C	-
Fuming Sulphuric Acid (20%/50% Oleum)	-	-	-	-	-	-	-	-	A	-	-	-	-	D	-	D	-	-	D	-	D	-	A	-	D
Furan (Furfuran)	A	-	A	A	A	-	D	-	D	C	D	D	-	-	-	D	D	-	D	C	A	D	C	-	-
Furan Resin	A	-	-	A	A	D	D	D	C	-	D	-	B	-	-	-	-	-	D	D	A	D	-	-	-
Furfural (Ant Oil)	A	B	B	B	B	B	D	B	D	C	D	D	B	B	-	D	D	B	D	D	A	B	C	B	D
Furfuryl Alcohol	A	-	A	A	-	-	D	-	B	D	D	D	A	B	-	D	D	-	D	-	A	B	C	-	D
Furyl Carbinol	-	-	-	-	-	-	-	-	B	-	D	-	-	-	-	D	D	-	D	-	A	-	-	-	D
Fusel Oil (Grain Oil)	-	-	-	-	-	-	A	-	A	A	A	-	-	-	-	A	-	-	B	-	A	-	-	-	C
Galcial Acetic Acid	-	-	-	-	-	-	-	-	A	-	D	-	-	D	-	D	D	-	D	-	A	-	A	A	D
Gallic Acid	D	D	D	B	B	-	D	D	B	A	A	B	B	D	A	B	D	B	C	A	B	B	B	A	D
Gas	-	-	-	-	-	A	A	-	D	-	A	-	-	-	-	-	-	A	C	B	A	A	-	-	-
Gas Natural	A	A	A	A	A	A	A	-	D	-	A	-	-	B	-	-	-	A	C	B	A	A	D	-	-
Gasoline (Aviation)	A	A	A	A	A	A	-	-	D	-	A	-	-	A	A	A	D	-	D	D	A	A	C	C	C
Gasoline (high-aromatic)	D	A	A	A	A	B	A	B	D	-	A	-	A	A	-	-	-	A	A	A	B	A	-	-	-
Gasoline (Leaded)	A	-	A	A	A	A	A	B	D	-	A	D	A	A	-	A	C	A	D	D	A	A	C	-	C
Gasoline (Meter)	A	A	A	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline (Petrol)	A	-	A	A	-	A	A	-	D	A	-	-	A	-	-	-	-	A	C	C	A	A	C	C	-
Gasoline (Unleaded)	A	A	A	A	A	A	D	A	D	A	A	D	A	-	-	D	C	A	D	D	A	C	C	B	D
Gasoline Leaded Refined	B	-	B	A	A	B	-	-	-	-	-	-	-	A	-	-	-	A	-	C	A	D	-	C	-
Gasoline Sour	D	B	B	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GASOLINE UNLEADED REFINED TO HEXYL ALCHOL

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Gasoline Unleaded Refined	A	-	B	A	A	B	-	-	-	-	-	-	-	A	-	-	-	A	-	C	A	D	-	C	-
Gelatin	B	A	D	A	A	B	A	B	A	B	A	A	A	B	-	A	A	B	A	A	A	A	A	A	D
Glauber's Salt	-	-	-	-	-	-	A	-	B	A	A	-	-	B	-	A	-	-	A	-	A	-	-	A	A
Gluconic Acid	B	-	C	A	-	-	C	-	-	A	-	-	-	-	-	-	-	-	-	A	A	-	-	-	-
Glucose (Corn Syrup)	A	A	B	A	A	A	A	B	A	A	A	A	A	B	A	A	A	B	A	A	A	A	A	A	A
Glue (PVA)	C	A	B	B	A	B	D	A	B	A	B	A	A	B	-	A	D	A	A	B	A	A	A	A	A
Glycerin (Glycerol)	A	B	B	A	A	A	A	A	A	A	A	A	A	B	A	A	A	C	A	A	A	A	D	A	D
Glycol	B	-	B	B	B	B	A	-	A	-	A	-	-	-	-	-	-	C	A	A	A	A	-	A	-
Glycolic Acid	-	-	D	A	A	A	A	A	A	A	A	A	A	-	-	A	A	-	A	A	A	B	A	A	-
Glycols	B	-	B	B	B	A	A	-	-	A	A	-	-	-	-	-	-	B	A	A	A	A	A	A	-
Gold Monocyanide	-	D	D	D	A	A	A	-	-	A	A	A	A	-	-	-	-	-	A	-	D	A	A	-	-
Grape Juice	B	D	D	A	A	B	C	-	A	A	A	A	-	-	-	A	A	A	D	A	A	A	A	A	D
Grapefruit Oil	-	D	D	A	A	-	D	-	-	-	A	-	-	-	-	A	-	-	D	-	A	-	A	-	-
Grease	A	A	A	A	A	D	A	-	D	A	A	-	A	-	-	-	-	-	D	-	A	A	B	-	-
Grease (Ester Base)	A	A	A	A	A	A	-	-	-	-	A	-	A	-	-	C	C	A	-	A	A	A	B	-	-
Grease (Petroleum Base)	A	A	A	A	A	A	A	-	D	-	A	A	A	A	-	A	A	A	D	A	A	A	D	-	A
Grease (Silicone Base)	A	A	A	A	A	A	-	-	-	-	-	-	A	-	-	A	A	A	-	A	A	A	B	-	-
Green Sulfate Liquor	B	-	C	A	-	-	B	-	A	A	A	-	B	D	-	B	B	-	B	A	A	-	A	A	A
Halothane	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	D	D	-	D	-	-	-	-	-	D
Halowax Oil	D	-	-	-	-	-	D	-	D	A	A	-	-	-	-	D	D	-	D	-	A	-	D	-	-
Hannifin Lube A	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	A	-	A	-	-	-	D	-	A
Heavy Water	A	-	C	A	-	-	-	-	A	-	-	-	A	B	-	A	A	-	-	-	-	-	B	-	D
HEF - 2 (High Energy Fuel)	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	B	-	A	-	-	-	D	-	D
Helium	A	-	A	A	A	A	-	-	A	-	A	-	-	-	-	A	A	A	A	A	A	-	A	-	A
Heptanal	A	-	A	A	-	-	A	-	-	A	-	A	A	-	-	-	-	-	-	A	-	-	-	-	-
Heptane	A	A	A	A	A	B	A	B	D	A	A	A	A	B	A	A	B	A	C	D	A	A	C	A	B
Hexalin	-	-	-	-	-	-	B	-	C	A	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-
Hexamine	D	A	A	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-
Hexanal	A	-	B	A	-	-	D	-	B	C	-	D	B	-	-	-	-	-	A	-	A	-	-	-	-
Hexane	A	A	A	A	A	C	A	B	D	-	A	A	A	A	A	A	B	B	D	C	A	A	C	C	B
Hexanol	A	-	A	A	-	A	-	-	A	-	A	-	A	D	-	A	A	-	B	A	A	-	C	-	D
Hexanol Tertiary	A	A	A	A	A	A	-	-	-	-	-	-	-	-	-	-	-	A	-	B	A	-	-	-	-
Hexyl (Hexanol)	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexyl Alchol	A	-	-	A	-	-	A	-	-	A	-	-	A	-	-	-	-	-	B	A	A	A	B	A	-

HEXYL ALCOHOL TO HYDROFLUORIC ACID (50 %)

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Hexyl Alcohol	A	-	A	A	-	-	A	-	C	A	B	-	-	D	-	B	B	-	B	-	A	A	B	C	D
Hexylene Glycol (Brake Fluid)	A	-	A	A	-	-	A	-	C	A	A	-	A	D	-	A	-	-	A	-	A	-	-	-	-
Hilo MS #1	-	-	-	-	-	-	-	-	A	-	D	-	-	D	-	D	D	-	D	-	-	-	-	-	B
Honey	A	A	A	A	A	A	A	-	A	-	A	A	A	-	-	-	-	A	A	A	A	A	A	-	-
Houghto-Safe 1010, Phosphate Ester	-	-	-	-	-	-	-	-	A	-	A	-	-	B	-	D	D	-	D	-	A	-	A	-	A
Houghto-Safe 1055, Phosphate Ester	-	-	-	-	-	-	-	-	A	-	A	-	-	B	-	D	D	-	D	-	A	-	A	-	A
Houghto-Safe 1120, Phosphate	-	-	-	-	-	-	-	-	A	-	A	-	-	B	-	D	D	-	D	-	A	-	A	-	A
Houghto-Safe 271 (Water & Glycol Base)	-	-	-	-	-	-	-	-	A	-	B	-	-	B	-	A	-	-	B	-	A	-	A	-	D
Houghto-Safe 5040 (Water/Oil Emuision)	-	-	-	-	-	-	-	-	D	-	A	-	-	B	-	A	A	-	B	-	A	-	D	-	D
Houghto-Safe 620 Water/Glycol	-	-	-	-	-	-	-	-	A	-	B	-	-	A	-	A	A	-	B	-	A	-	A	-	B
Hydraulic Oil (Petro)	A	A	A	A	A	B	A	A	D	-	A	-	A	-	-	-	-	A	A	D	A	A	-	-	-
Hydraulic Oil (Petroleum Base)	A	A	A	A	A	C	A	-	D	A	A	A	A	A	A	-	-	A	B	D	A	-	D	A	-
Hydraulic Oil (Petroleum)	A	-	A	A	A	B	A	-	D	-	A	-	A	A	-	A	A	A	B	D	A	-	D	A	-
Hydraulic Oil (Synthetic)	A	A	A	A	A	B	D	A	D	-	A	D	A	A	-	D	A	A	D	D	A	A	D	A	B
Hydrazine	B	D	D	A	A	B	C	B	A	D	D	B	A	D	-	B	D	-	C	D	A	D	A	-	D
Hydrobromic Acid	D	D	D	D	D	D	D	A	A	A	A	D	D	-	-	D	D	D	D	C	A	A	B	A	-
Hydrobromic Acid 20%	D	D	D	D	D	C	D	A	A	-	A	-	A	-	-	-	-	D	D	A	-	A	-	-	-
Hydrocarbons (Saturated)	-	-	-	-	-	-	A	-	D	-	A	-	-	-	-	-	-	-	B	-	-	-	-	-	-
Hydrochloric Acid - 10%	D	D	D	D	D	D	B	-	A	A	A	-	B	D	-	-	-	D	D	A	A	A	A	A	-
Hydrochloric Acid - 20%	D	D	D	D	D	D	C	A	A	A	A	B	D	D	-	D	D	D	D	B	A	A	A	A	B
Hydrochloric Acid - 30%	D	-	D	D	-	D	C	-	A	B	B	-	A	D	-	-	-	D	D	B	A	A	C	C	-
Hydrochloric Acid - 37%	D	D	D	D	D	D	B	B	C	-	A	D	B	D	-	B	D	D	D	C	A	A	B	A	D
Hydrochloric Acid - 37% (Cold)	D	-	D	-	D	-	C	-	-	-	A	-	D	-	-	-	-	D	D	A	A	A	-	-	-
Hydrochloric Acid - 37% (Hot)	D	-	D	-	D	-	D	-	-	-	A	-	D	-	-	-	-	D	D	-	A	A	-	-	-
Hydrochloric Acid 100%	D	D	D	D	D	C	D	D	D	-	A	-	A	-	-	-	-	D	D	B	A	A	-	-	-
Hydrochloric Acid, Dry Gas	D	-	-	D	D	-	-	-	-	-	-	-	A	-	-	-	-	A	-	B	A	A	-	-	-
Hydrocyanic Acid	A	D	D	B	A	D	C	A	B	A	A	B	D	D	-	B	D	D	C	A	A	A	B	A	D
Hydrocyanic Acid (Gas 10%)	-	-	-	-	-	C	B	-	A	-	A	-	-	-	-	-	-	-	A	A	A	-	-	-	-
Hydrofluoric Acid	D	D	D	D	D	D	D	-	C	-	A	-	-	D	-	-	-	D	D	A	A	A	D	A	-
Hydrofluoric Acid (20%)	D	-	D	-	D	-	D	-	-	-	A	-	D	-	-	-	-	D	C	A	A	A	-	-	-
Hydrofluoric Acid (50%)	D	-	D	-	D	-	D	-	-	-	A	-	D	-	-	-	-	D	C	A	A	A	-	-	-
Hydrofluoric Acid (75%)	D	-	D	-	D	-	D	-	-	-	A	-	D	-	-	-	-	D	D	C	A	A	-	-	-
Hydrofluoric Acid (Conc-) (Hot)	D	-	D	-	D	-	D	-	-	-	B	-	D	-	-	-	-	D	D	D	A	A	-	-	-
Hydrofluoric Acid (Conc.) (Cold)	D	-	D	D	D	D	D	-	C	B	A	-	D	-	-	-	-	D	C	D	A	A	D	A	-

HYDROFLUORIC ACID (HOT) TO HYPOCHLOROUS ACID

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Hydrofluoric Acid (Hot)	D	D	D	D	B	D	D	-	D	-	C	-	-	-	-	-	-	D	D	D	A	A	-	D	-
Hydrofluoric Acid 100%	D	D	D	D	B	D	D	B	D	-	D	D	D	D	-	D	D	D	D	D	A	A	D	-	D
Hydrofluoric Acid 20%	D	D	D	D	D	D	D	B	D	-	A	D	D	D	-	D	D	C	D	A	A	A	D	A	D
Hydrofluoric Acid 50%	D	D	D	D	D	D	D	B	D	-	B	D	D	D	-	D	D	D	D	B	A	A	D	A	D
Hydrofluoric Acid 75%	D	D	D	D	D	D	D	B	D	-	D	D	D	D	-	D	D	D	D	C	A	A	D	-	D
Hydrofluosilicic Acid 100%	D	D	D	D	D	A	B	B	B	-	A	B	B	B	-	B	D	D	B	A	A	A	B	A	D
Hydrofluosilicic Acid 20%	D	B	D	C	D	B	B	B	A	-	A	B	B	-	-	-	-	D	B	A	A	A	-	-	-
Hydrogen Chloride Gas	D	-	A	A	-	-	-	-	A	-	A	-	A	-	-	D	B	-	B	A	A	A	B	-	-
Hydrogen Chloride Gas Dry	D	-	B	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	-	-	-
Hydrogen Chloride Gas Wet	D	-	B	D	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	A	-	-	-
Hydrogen Cyanide	A	B	B	B	A	-	-	-	-	-	-	-	-	D	-	-	-	B	-	A	A	A	A	-	-
Hydrogen Cyanide Gas	D	-	A	B	-	-	-	-	A	-	A	-	-	D	-	B	A	-	D	A	A	A	A	-	D
Hydrogen Fluoride	D	-	-	D	-	-	D	-	C	A	A	-	A	D	-	D	D	D	C	A	B	A	-	-	D
Hydrogen Fluoride Anhydrous	D	D	D	B	A	-	-	-	-	-	-	-	-	-	-	-	-	D	-	A	A	A	-	-	-
Hydrogen Gas	A	A	A	A	A	C	A	A	B	-	A	A	A	A	-	A	A	B	A	A	A	A	A	A	A
Hydrogen Peroxide - 10%	A	C	C	B	B	D	D	D	B	A	A	-	A	D	-	-	-	D	D	A	A	A	-	A	-
Hydrogen Peroxide - 100%	A	B	D	B	A	D	D	D	D	-	A	D	A	D	-	B	C	D	D	B	A	A	A	A	C
Hydrogen Peroxide - 3%	A	-	-	-	-	D	B	-	B	A	A	-	-	D	-	-	-	D	D	A	A	A	A	A	-
Hydrogen Peroxide - 30%	A	B	D	B	B	D	D	D	B	A	A	D	A	D	-	-	-	D	D	B	A	A	-	A	-
Hydrogen Peroxide - 5%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydrogen Peroxide - 50%	A	-	-	B	A	D	D	D	B	-	A	D	A	-	-	-	-	D	D	B	A	A	-	-	-
Hydrogen Peroxide - 90%	A	-	D	A	-	D	D	-	C	A	A	-	-	D	-	-	-	D	D	A	A	A	-	A	-
Hydrogen Sulfide (dry)	B	D	D	C	A	-	D	B	B	-	D	-	A	A	-	-	-	C	A	A	A	A	-	-	-
Hydrogen Sulfide (wet)	D	D	D	C	A	C	D	D	B	D	D	D	A	A	-	D	D	D	C	A	A	A	A	A	D
Hydrogen Sulfide (Wet) (Cold)	D	-	D	-	A	-	C	-	-	-	A	-	A	-	-	-	-	C	B	A	A	A	-	-	-
Hydrogen Sulfide (Wet) (Hot)	D	-	D	-	A	-	D	-	-	-	B	-	A	-	-	-	-	D	C	A	A	A	-	-	-
Hydrogen Sulfide Dry	B	B	D	C	A	A	-	-	A	-	D	-	A	A	A	A	D	C	A	A	A	A	A	A	A
Hydrolube-Water/Ethylene Glycol	A	-	A	A	-	D	-	-	A	-	A	-	A	B	-	A	A	-	B	A	A	A	A	-	D
Hydroquinone	B	-	B	B	B	A	D	D	D	C	C	D	B	-	-	D	C	D	D	A	A	A	A	A	-
Hydroxyacetic Acid	D	-	B	B	-	C	-	-	A	-	D	A	-	-	-	D	D	-	D	-	A	-	A	-	D
Hydroxyacetic Acid — 10%	B	-	-	B	-	-	D	-	-	-	-	-	-	-	-	-	-	-	D	-	A	-	A	-	-
Hydroxyacetic Acid 70%	D	B	B	-	-	A	A	-	A	-	A	-	-	-	-	-	-	-	A	-	A	A	-	-	-
Hydyne	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	B	B	-	B	-	A	-	D	-	-
Hypochlorous Acid	D	D	D	D	D	D	D	-	B	A	A	D	A	-	-	D	D	D	D	A	A	A	A	A	D

HYPOID GREASE (PARAPOID 10-C) TO ISOPROPYL ALCOHOL

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Hypoid Grease (Parapoid 10-C)	-	-	-	-	-	A	-	-	D	-	C	-	-	-	-	B	B	-	D	-	A	-	-	-	D
Ink (Printers)	D	D	D	C	C	B	A	-	A	-	A	-	A	A	A	A	A	C	A	-	A	A	C	A	A
Iodine	D	D	D	D	D	D	B	D	B	A	A	-	B	B	-	B	B	D	D	D	A	A	A	B	D
Iodine (in alcohol)	D	-	D	-	D	D	B	-	A	-	A	B	B	-	-	-	-	C	D	A	A	A	-	-	-
Iodine Pentafluoride	-	-	-	-	-	-	D	-	D	-	D	-	-	-	-	D	D	-	D	-	A	-	B	D	D
Iodoform	B	-	A	B	B	-	D	-	B	-	A	D	D	-	-	-	B	-	B	-	C	C	B	-	D
Iso Butane	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	D	-	A	-	-	-	A
Iso Butyl Acetate	A	-	A	A	-	-	-	-	C	-	D	-	A	-	-	D	D	-	D	-	A	-	-	-	-
Isoamyl Acetate	A	-	A	A	-	-	D	-	B	D	D	D	A	-	-	D	D	-	D	-	A	-	-	-	D
Isoamyl Alcohol	-	-	-	-	-	-	A	-	A	A	A	-	-	-	-	A	-	-	A	-	A	-	-	-	C
Isoamyl Butyrate	A	-	A	A	-	-	D	-	-	D	D	D	A	-	-	D	D	-	-	-	A	-	-	-	-
Isoamyl Chloride	D	-	-	-	-	-	D	-	D	A	A	-	-	-	-	D	D	-	D	-	A	-	-	-	-
Isobutyl	-	-	-	-	-	-	-	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-
Isobutyl Acetate	A	-	A	A	-	-	D	-	C	D	-	D	A	-	-	-	-	-	D	-	A	-	-	-	-
Isobutyl Alchol	B	-	-	A	-	-	C	-	-	A	-	-	A	-	-	-	-	-	A	-	A	A	A	A	-
Isobutyl Alcohol	B	-	C	A	A	A	B	-	A	A	A	-	A	-	-	B	B	B	B	A	A	A	A	A	D
Isobutyl Amine	-	-	-	-	-	-	D	-	-	D	D	-	-	-	-	D	D	-	-	-	A	-	-	-	-
Isobutyl Chloride	D	-	B	B	-	-	D	-	-	B	B	D	A	-	-	D	D	-	-	-	A	-	-	-	-
Iso-Butyl N-Butane	-	-	-	-	-	-	-	-	-	-	B	-	-	D	-	D	D	-	-	-	A	-	-	-	D
Isobutyric Acid	A	-	-	-	-	-	D	-	A	-	-	D	-	-	-	D	D	-	B	-	A	-	-	-	-
Isocyanates	-	-	A	A	-	A	-	-	-	-	B	-	A	B	-	B	C	-	-	A	A	-	-	-	B
Isododecane	B	-	B	B	-	-	B	-	D	A	A	B	B	-	-	A	A	-	B	-	A	-	-	-	B
Isooctane	A	A	A	A	A	-	A	-	D	A	A	A	A	A	-	A	C	B	B	A	A	A	D	A	A
Isooctane At 120° F	-	-	-	-	-	-	A	-	D	-	A	-	-	-	-	-	-	-	B	A	A	A	-	A	-
Isooctane At 150° F	-	-	-	-	-	-	A	-	D	-	A	-	-	-	-	-	-	-	B	D	A	A	-	A	-
Isopentane	-	-	-	-	-	-	A	-	D	A	A	-	-	-	-	A	A	-	D	-	A	-	-	-	B
Isophorone	A	-	B	A	A	-	D	-	C	D	D	D	A	-	-	D	D	-	D	-	A	-	B	-	D
Isopropanol (Isopropyl Alcohol)	A	-	A	A	-	A	-	-	A	-	A	-	A	A	-	A	A	-	B	A	A	A	B	-	B
Isopropyl	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Acetate	D	B	B	C	B	D	D	D	B	D	D	D	B	C	-	D	D	B	D	B	A	D	B	C	D
Isopropyl Acetate At 120° F	-	-	-	-	-	-	D	-	B	-	D	-	-	-	-	-	-	A	D	C	A	-	-	-	-
Isopropyl Acetate At 150° F	-	-	-	-	-	-	D	-	B	-	D	-	-	-	-	-	-	A	D	-	A	-	-	-	-
Isopropyl Alchol	B	-	C	A	-	-	C	-	-	A	-	-	A	-	-	-	-	-	B	A	A	A	B	A	-
Isopropyl Alcohol	A	A	A	A	A	A	B	-	B	A	A	-	A	A	A	A	A	D	B	A	A	A	B	A	D

ISOPROPYL AMINE TO LARD OIL (HOT)

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Isopropyl Amine	-	-	A	A	-	-	D	-	-	D	D	D	-	-	-	D	D	-	-	-	A	-	-	-	-
Isopropyl Benzene (Cumene)	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	D	-	A	-	-	D	D
Isopropyl Chloride	D	-	A	A	A	A	D	-	D	B	B	D	A	-	-	D	D	-	D	D	A	-	C	-	D
Isopropyl Ether	B	A	A	A	A	D	C	C	D	C	D	B	A	-	-	B	B	A	D	D	A	D	C	A	B
Isopropyl Ether 120° F - 150° F	-	-	-	-	-	-	B	-	D	-	D	-	-	-	-	-	-	-	C	D	A	-	-	A	-
Isopropyl Ether To 70° F	-	-	-	-	-	-	B	-	D	-	D	-	-	-	-	-	-	A	C	A	A	-	-	A	-
Isotane	D	-	-	-	-	-	A	-	-	-	A	A	-	-	-	-	-	D	D	D	-	A	-	-	-
Jet Fuel (JP1 to JP6)	A	A	A	A	A	A	A	D	D	A	A	A	A	-	-	-	-	C	D	D	A	B	D	-	-
Jet Fuel 120° F - 150° F	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	A	-	D	A	A	-	-	-
Jet Fuel To 70° F	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	A	-	A	A	A	D	-	-
Jp-1	A	A	A	A	A	A	A	-	D	-	A	-	A	-	-	A	C	-	D	D	A	A	D	A	C
Jp-2	A	A	A	A	A	A	A	-	D	-	A	-	A	-	-	A	C	-	D	D	A	A	C	A	C
Jp-3	A	A	A	A	A	A	A	-	D	-	A	-	A	-	-	A	C	-	D	A	A	A	C	A	C
Jp-4	A	A	A	A	A	A	A	-	D	-	A	-	A	A	-	A	A	-	D	A	A	A	D	A	C
Jp-5	A	A	A	A	A	A	A	-	D	-	A	-	A	-	-	A	C	-	D	A	A	A	C	A	B
Jp-6	A	A	A	A	A	A	A	-	D	-	A	-	A	-	-	A	C	-	D	D	A	A	C	A	C
Jp-X	A	A	A	A	A	A	A	-	D	-	D	-	A	-	-	A	A	-	B	D	A	A	C	A	-
Kel F Liquids	-	-	-	-	-	-	-	-	A	-	B	-	-	-	-	A	-	-	-	-	A	-	-	-	-
Kerosene	A	A	A	A	A	A	A	D	D	A	A	A	B	C	A	A	A	A	D	D	A	A	D	C	B
Kerosene 120°F - 150°F	-	-	-	-	-	A	A	-	D	-	A	-	-	-	A	-	-	A	B	D	A	A	-	-	-
Kerosene To 70° F	-	-	-	-	-	A	A	-	D	-	A	-	-	B	A	-	-	A	B	A	A	A	D	-	-
Ketchup	-	-	-	A	A	A	A	-	A	-	A	-	-	-	A	-	-	A	A	-	A	-	-	-	-
Ketones	B	A	A	A	A	D	D	-	A	-	D	D	A	D	A	D	D	A	D	D	A	D	D	C	D
Keystone #87HX-Grease	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	D	-	A	-	-	A	A
Lacquer Solvents	A	B	B	A	A	B	D	-	D	D	D	-	A	D	B	D	A	B	D	C	A	D	C	A	D
Lacquer Thinners	A	C	C	A	A	D	D	D	D	-	D	D	A	D	-	-	-	A	D	D	A	-	-	-	-
Lacquers	A	C	C	A	A	D	D	D	D	D	D	D	A	D	-	D	D	A	D	D	A	D	C	A	D
Lactam-Amino Acids	-	-	-	-	-	-	-	-	B	-	D	-	-	-	-	D	-	-	B	-	A	-	-	-	-
Lactic Acid	D	D	D	B	B	C	B	A	A	A	A	B	B	D	A	-	-	D	C	B	A	C	A	A	-
Lactic Acid - 5% Solution	C	-	D	A	-	A	-	-	A	-	A	-	B	D	-	A	B	-	A	A	A	A	A	A	B
Lactol	A	-	A	A	-	A	C	-	-	A	A	-	A	-	-	A	-	-	D	D	A	-	-	-	-
Lard	A	A	A	B	A	B	A	B	D	A	A	A	A	B	A	-	-	A	D	B	A	A	B	A	-
Lard Oil (Cold)	A	A	A	A	A	A	A	-	D	-	A	-	-	-	A	-	-	-	B	-	A	-	-	-	-
Lard Oil (Hot)	A	A	A	A	A	A	A	-	D	-	A	-	A	B	A	A	-	-	B	B	A	A	B	A	C

LATEX TO LUBRICATING OIL SAE 10, 20, 30, 40, 50

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Latex	A	-	-	A	A	C	A	-	A	-	A	A	A	-	-	A	A	A	B	A	A	A	A	-	D
Lauryl Alcohol (N-Dodecanol)	A	A	A	A	A	-	A	-	-	B	B	-	A	-	-	A	-	-	-	-	A	-	A	A	D
Lavender Oil	-	-	-	-	-	-	B	-	D	B	B	B	-	-	-	B	B	-	D	-	A	-	B	-	-
Lead Acetate	D	D	D	B	B	B	B	D	A	D	D	B	B	-	A	B	B	B	B	A	A	A	A	A	D
Lead Chloride	D	-	-	B	-	-	-	-	A	-	A	-	B	-	-	A	-	-	B	A	A	A	-	-	-
Lead Molten	B	-	-	B	B	D	-	-	-	-	-	-	-	-	-	-	-	D	-	D	D	D	-	D	-
Lead Nitrate	D	-	B	B	B	-	B	-	A	A	A	B	B	-	-	A	A	-	A	A	A	A	-	A	-
Lead Sulfamate	C	-	C	C	C	A	B	A	B	-	A	B	-	-	-	B	A	B	A	A	B	A	A	-	-
Lehigh X1169	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	B	-	A	-	-	-	A
Lehigh X1170	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	B	-	A	-	-	-	A
Lemon Oil	C	-	A	A	A	D	C	-	D	-	A	-	A	-	-	A	-	-	D	D	A	A	C	-	-
Light Grease	-	-	-	-	-	A	-	-	D	-	A	-	-	-	-	A	-	-	D	-	A	-	-	-	A
Lignin Liquor	-	-	-	A	-	-	A	-	D	A	A	-	-	-	-	A	-	-	A	-	A	-	-	-	D
Ligroin	D	-	A	A	A	B	A	C	D	A	A	A	-	-	-	A	B	D	B	D	A	A	B	-	C
Lime	D	A	A	A	A	D	A	-	D	-	A	-	-	B	-	A	A	B	B	B	A	A	A	-	B
Lime Bleach	D	-	-	A	A	-	A	-	A	A	A	-	-	-	-	A	B	-	C	B	A	-	A	-	-
Lime Slurries	B	-	-	B	-	-	B	-	C	B	D	-	-	-	-	A	A	-	A	-	A	-	A	-	B
Lime Sulfur	D	-	C	A	A	-	D	-	A	A	A	-	-	-	-	A	A	B	A	A	A	B	B	A	A
Lime, Soda (Slaked Lime & Soda Ash)	-	-	-	-	-	-	B	-	A	B	-	B	-	-	-	-	-	-	B	-	A	-	A	-	-
Limonene	-	-	-	-	-	-	C	-	D	A	A	-	-	-	-	D	D	-	D	-	A	-	-	-	-
Lindol, Hydraulic Fluid	-	-	-	-	-	-	D	-	A	B	B	-	-	-	-	D	D	-	D	-	A	-	A	-	D
Lineoleic Acid	A	D	D	B	A	-	B	-	D	-	B	-	-	-	-	-	-	-	D	B	A	A	-	-	-
Linoleic Acid	A	-	D	B	A	B	B	D	D	B	B	B	A	-	-	B	B	-	D	B	A	A	B	A	-
Liquid Oxygen	-	-	-	-	-	-	-	-	D	-	D	-	-	-	-	D	D	-	D	-	A	-	-	-	D
Liquid Petroleum Gas (LPG)	-	-	-	-	-	A	A	-	D	-	A	-	A	B	-	A	D	B	C	D	A	A	C	-	C
Liquimoly	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	A	-	B	-	A	-	-	-	B
Lithium Bromide	-	-	A	-	-	-	A	-	A	A	A	-	-	-	-	A	A	-	D	-	A	A	-	-	D
Lithium Chloride	D	A	B	A	A	A	A	-	A	-	A	A	A	-	-	A	A	-	A	A	A	A	-	D	D
Lithium Hydroxide	D	-	B	B	B	D	C	-	A	-	C	D	B	-	-	D	D	-	D	A	A	-	-	D	D
Lubricants	A	A	A	A	A	A	A	A	D	-	A	-	A	A	-	-	-	A	D	B	A	A	-	-	-
Lubricants (Petroleum)	C	-	A	A	A	A	A	-	D	A	B	A	A	A	-	A	B	A	B	D	A	A	D	B	B
Lubricating Oil	A	A	A	A	A	A	A	-	D	-	A	-	-	A	A	-	-	A	B	A	A	A	-	A	-
Lubricating Oil Di-Ester	A	A	A	A	A	-	B	-	D	-	A	-	-	D	-	B	A	-	D	-	A	-	D	A	D
Lubricating Oil SAE 10, 20, 30, 40, 50	A	-	A	A	-	A	-	-	D	-	A	-	A	A	-	A	A	-	D	C	A	A	D	A	A

LYE (CALCIUM HYDROXIDE) TO MELAMINE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Lye (Calcium Hydroxide)	C	A	A	B	B	D	A	A	A	-	B	-	A	B	-	-	-	A	A	A	A	A	-	-	-
Lye (Potassium Hydroxide)	D	B	B	B	A	D	C	A	A	B	B	D	B	D	-	-	-	C	B	A	A	A	A	A	-
Lye (Sodium Hydroxide)	D	D	D	B	B	D	B	A	B	-	B	-	C	C	-	-	-	C	B	A	A	D	A	A	-
Lye 10%	D	-	C	B	A	A	-	-	-	-	-	-	-	-	-	-	-	A	-	-	A	-	-	-	-
Lye 50%	D	-	C	B	B	C	-	-	-	-	-	-	-	-	-	-	-	D	-	-	A	A	-	A	-
Lye Concentrated	D	-	C	B	D	D	B	-	A	-	B	-	-	-	-	-	-	D	B	A	A	-	-	-	-
Lye Solutions	-	-	-	A	A	D	C	-	A	-	B	-	-	C	-	D	B	A	B	A	A	A	A	A	B
Lysol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B	B	-	B	-	A	-	-	-	-
M Cresol	-	-	-	-	-	D	D	-	D	-	A	-	-	-	-	-	-	D	C	D	A	B	-	A	-
Maganese Chloride	-	-	D	-	-	-	-	-	C	-	A	-	B	-	-	A	A	-	B	A	A	-	-	A	B
Magnesium Bisulfate	D	-	-	A	B	-	B	-	-	-	-	B	-	-	-	-	-	A	B	A	A	-	-	-	-
Magnesium Bisulfite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B	C	-	B	-	A	-	-	-	-
Magnesium Carbonate	D	B	B	B	B	A	A	A	C	A	A	A	B	-	-	A	A	A	A	A	A	A	A	A	B
Magnesium Chloride	D	D	D	D	D	B	A	A	A	A	A	A	A	C	A	A	A	A	A	A	A	A	A	A	-
Magnesium Hydroxide (Milk of Magnesia)	D	A	B	B	A	A	B	A	A	A	A	B	A	C	A	A	A	B	B	A	A	A	A	A	A
Magnesium Nitrate	D	D	D	B	B	A	A	A	A	A	A	A	B	-	-	A	A	A	A	A	A	A	A	A	B
Magnesium Oxide	B	A	A	A	A	A	A	-	A	B	C	A	A	-	-	A	A	-	A	-	A	-	A	-	-
Magnesium Salts	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	-	A	-	A	-	A
Magnesium Sulfate	D	B	C	A	B	B	A	A	A	A	A	-	B	B	A	A	B	A	A	B	A	A	A	B	D
Magnesium Sulfite	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	B	-	A	-	A	-	A	-	-
Malathlon	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	B	-	-	-	-	A	-	-	-	D
Maleic Acid	B	A	D	B	B	A	D	D	D	A	A	D	B	-	A	C	A	D	D	B	A	A	A	A	D
Maleic Anhydride	A	-	B	A	A	D	D	D	D	A	A	D	A	-	-	D	D	-	D	D	A	A	A	-	-
Malic Acid	B	-	D	A	A	A	B	D	D	A	A	B	B	-	A	A	B	D	D	B	A	A	A	-	-
Malt Beverages	A	D	D	A	A	A	A	-	A	-	A	-	-	-	-	A	B	-	A	-	A	-	A	A	B
Manganese Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	A	A	-	-	A	-
Manganese Sulfate	B	A	B	B	B	A	A	-	A	-	A	A	A	-	-	-	-	A	A	B	A	A	-	-	-
Maple Sugar Liquors (Sucrose)	-	-	-	A	-	-	A	-	A	A	A	A	-	-	-	A	A	-	A	-	A	-	A	-	D
Mash	A	-	-	A	A	A	A	-	A	-	A	A	-	-	-	A	A	A	A	-	-	-	A	-	A
Mayonnaise	D	D	D	C	A	A	C	-	D	-	A	A	A	-	A	A	A	A	D	A	A	A	A	A	D
MCS 312	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	D	-	A	-	-	-	-
MCS 352	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	D	D	-	D	-	A	-	-	-	D
MCS 463	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	D	D	-	D	-	A	-	-	-	D
Melamine	-	D	D	-	D	A	C	-	A	-	A	D	-	-	-	-	-	A	D	A	A	-	-	-	-

MELAMINE RESINS TO METHYL CHLOROFORMATE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Melamine Resins	-	-	-	D	-	A	-	-	A	-	A	-	A	-	-	C	C	-	D	-	A	-	B	-	D
Mercaptan	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	D	D	-	D	-	A	-	-	-	D
Mercuric Chloride	D	D	D	D	D	B	A	-	A	A	A	A	B	B	-	A	A	D	B	A	A	A	A	A	A
Mercuric Chloride (Dilute Solution)	D	D	D	D	D	B	A	A	A	-	A	-	C	B	-	-	-	D	A	B	A	A	-	-	-
Mercuric Cyanide	D	D	D	C	C	-	B	-	A	A	A	A	B	D	-	A	A	A	B	B	B	A	A	A	-
Mercurous Nitrate	D	-	B	B	B	-	B	-	A	A	A	B	B	-	-	B	B	-	B	A	A	A	-	A	-
Mercury	D	A	B	A	A	C	A	A	A	A	A	A	A	B	A	A	A	A	A	B	A	A	A	A	A
Mesityl Oxide	A	-	A	A	A	-	D	-	B	D	D	D	A	-	-	D	D	-	D	-	A	-	C	-	D
Methane	A	-	D	A	A	A	A	B	D	A	B	A	A	B	-	A	B	A	B	B	A	A	D	-	C
Methanol	B	A	A	A	A	A	A	A	A	-	D	-	A	B	-	A	A	B	A	A	A	A	A	A	D
Methyl	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	B	B	B	A	B	B	D	D	C	D	D	D	A	C	-	D	D	A	D	D	A	B	B	-	D
Methyl Acetoacetate	-	-	A	A	-	-	D	-	B	D	D	-	A	-	-	D	D	-	D	-	A	-	-	-	D
Methyl Acetone	A	A	A	A	A	D	D	-	A	-	D	D	A	-	-	C	D	A	D	D	A	D	B	-	-
Methyl Acrylate	-	A	A	A	-	B	D	D	C	D	D	D	-	-	-	D	D	-	D	D	A	B	D	-	D
Methyl Acrylic Acid	-	-	-	-	-	A	-	-	C	D	C	-	-	-	-	D	-	-	C	-	A	-	A	-	D
Methyl Alchol (Methanol)	B	-	A	A	-	-	A	-	D	D	-	-	A	-	-	-	-	-	A	A	A	A	A	A	-
Methyl Alcohol	B	A	A	B	A	A	A	-	A	B	D	-	A	A	A	A	A	D	C	A	A	A	A	A	D
Methyl Alcohol 10%	A	A	A	A	A	A	A	A	A	-	C	-	A	B	-	-	-	B	A	A	A	A	-	-	-
Methyl Amine	B	A	B	A	A	A	B	-	A	A	C	B	B	-	-	B	B	-	C	D	A	C	-	-	-
Methyl Amyl Acetate	A	-	A	A	-	-	A	-	-	D	-	A	A	-	-	-	-	-	-	-	A	-	-	-	-
Methyl Amyl Alcohol	A	-	A	A	-	-	A	-	-	D	D	-	A	-	-	A	B	-	D	-	A	-	-	-	-
Methyl Aniline	-	-	-	-	-	-	A	-	D	-	B	-	-	-	-	D	D	-	B	-	A	-	-	-	D
Methyl Benzoate	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	A	-	A	-	-	-	D
Methyl Bromide	D	A	A	A	A	D	C	D	D	A	A	B	B	D	-	B	B	D	D	D	A	A	D	C	D
Methyl Butyl Ketone	A	-	-	A	A	D	D	D	B	D	D	D	-	-	-	D	D	D	D	D	A	D	C	-	D
Methyl Butyrate	A	-	A	A	-	-	D	-	D	-	-	D	A	-	-	D	D	-	D	-	A	-	-	-	-
Methyl Carbonate	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	D	-	A	-	-	-	D
Methyl Cellosolve	B	C	C	B	B	D	D	D	B	D	D	D	-	-	-	C	C	C	D	B	A	A	B	-	D
Methyl Cellulose	-	-	-	-	-	-	-	-	B	-	D	-	-	-	-	B	B	-	B	-	A	-	-	-	B
Methyl Chloride	D	D	D	A	A	B	D	D	D	B	B	D	B	D	-	D	D	C	D	D	A	A	D	C	D
Methyl Chloride (Dry)	D	D	D	A	A	B	D	-	C	-	B	-	-	D	-	-	-	D	D	D	A	A	D	-	-
Methyl Chloride (Wet)	D	D	D	A	A	B	D	-	C	-	B	-	-	-	-	-	-	D	D	D	A	A	-	-	-
Methyl Chloroformate	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	D	-	A	-	-	-	D

METHYL CYANIDE TO MONOCHLOROBENZENE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Methyl Cyanide	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	C	C	-	A	-	A	-	-	-	-
Methyl Cyclopentane	-	-	-	A	-	A	B	-	D	A	A	-	-	-	-	D	D	-	D	-	A	-	C	A	D
Methyl D-Bromide	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	D	D	-	D	-	A	-	-	-	D
Methyl Dichloride	D	-	-	-	-	D	D	-	D	A	A	D	-	-	-	D	D	C	D	D	A	D	D	-	-
Methyl Ether	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	-	-	C	-	A	-	-	-	-
Methyl Ethyl Ketone (MEK)	B	A	A	A	A	C	D	D	A	D	D	D	A	B	-	D	B	C	D	D	A	D	D	D	D
Methyl Ethyl Ketone Peroxide	-	-	-	-	-	-	D	D	D	-	D	-	-	-	-	-	-	-	D	-	-	-	-	-	-
Methyl Formate	A	-	B	B	B	A	D	-	C	D	D	D	-	-	-	D	D	-	B	-	A	-	B	-	D
Methyl Hexane	-	-	-	-	-	-	A	-	D	A	A	-	-	-	-	A	-	-	B	-	A	-	-	-	-
Methyl Iodide	D	-	A	A	-	-	D	-	A	-	-	D	A	-	-	D	D	-	D	-	A	-	-	-	-
Methyl Isobutyl Ketone (MIBK)	B	C	C	B	B	A	D	D	C	D	D	D	A	B	-	-	-	D	D	D	A	D	C	-	-
Methyl Isopropyl Ketone	A	C	C	A	A	A	D	D	C	D	D	D	-	-	-	D	D	D	D	C	A	A	C	C	D
Methyl Methacrylate	B	C	C	B	B	D	D	D	D	C	D	D	-	-	-	D	D	-	D	D	A	B	B	-	D
Methyl Oleate	-	-	-	-	-	A	D	-	C	D	B	-	-	-	-	D	D	-	D	-	A	-	C	-	-
Methyl Propyl Salicylate	A	-	A	-	-	A	-	-	B	-	B	-	-	-	-	D	D	-	D	B	A	B	B	-	-
Methyl Salicylate (Betula Oil)	A	-	A	-	-	-	D	-	C	B	B	D	-	-	-	-	-	-	D	B	A	B	B	-	-
Methylacrylic Acid	-	-	-	-	-	-	-	-	-	B	B	-	-	-	-	-	-	-	B	-	A	-	A	-	-
Methylamine	B	A	B	A	A	D	B	-	A	A	D	-	B	-	-	B	-	-	A	A	A	C	A	-	-
Methylene Bromide	D	-	A	A	-	-	D	-	D	B	C	D	A	-	-	D	D	-	D	-	A	A	-	-	-
Methylene Chloride	D	B	B	B	B	D	D	-	D	B	B	D	B	D	-	D	C	D	D	D	A	D	D	D	D
Methylene Dichloride	-	-	-	-	-	-	-	-	D	-	B	-	-	-	-	D	D	-	D	-	A	-	-	-	D
Milk	A	D	D	A	A	A	B	A	A	A	A	A	A	B	A	A	A	A	A	B	A	A	A	A	D
Mine Water	B	-	A	B	-	A	A	-	A	-	A	-	A	-	-	A	A	-	C	A	A	A	B	A	D
Mineral Oil	A	A	A	A	A	A	A	B	D	A	A	A	A	A	A	A	A	A	B	C	A	A	D	C	A
Mineral Spirits	A	B	B	A	A	A	A	C	D	-	A	A	B	-	-	-	-	A	C	B	A	-	-	-	-
Mixed Acids	D	D	D	D	D	-	D	-	B	A	-	-	B	-	-	-	-	D	D	D	A	A	-	-	-
MLO-7277 Hydr.	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	C	-	-	D	-	A	-	-	-	D
MLO-75557	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	C	-	-	D	-	A	-	-	-	D
MLO-8200 Hydr.	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	-	-	A	-	A	-	-	-	A
MLO-8515	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	-	-	B	-	A	-	-	-	D
Molasses	A	B	B	A	A	B	A	-	A	A	A	A	A	B	A	A	A	A	A	B	A	B	A	A	B
Monobromorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monochloroacetic acid	D	D	D	D	B	D	D	A	C	-	C	-	B	D	-	D	D	D	A	A	D	B	D	D	D
Monochlorobenzene	D	-	A	B	B	A	D	-	D	A	A	-	-	C	-	D	D	C	D	D	A	B	D	B	D

MONOCHLORODIFLUORO METHANE TO NICKEL ACETATE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Monochlorodifluoro Methane	D	-	D	A	A	-	-	-	A	-	D	-	-	D	-	D	D	D	A	A	A	B	D	-	D
Monoethanolamine	B	B	B	A	B	D	D	D	B	C	D	B	-	D	-	B	D	A	D	D	A	D	A	-	D
Monomethyl Aniline	-	-	-	-	-	-	D	-	D	-	C	-	-	D	-	D	D	-	D	C	A	-	B	A	D
Monomethyl Hydrazine	-	-	-	-	-	-	-	-	A	-	-	-	-	D	-	B	B	-	B	-	A	-	-	A	-
Monomethylether	-	-	-	-	-	-	A	-	A	-	A	-	-	D	-	A	A	-	B	-	A	-	C	-	-
Mononitrololuene & Dicitrotoluene (40/60 Mixture)	-	-	-	-	-	-	-	-	D	-	C	-	-	D	-	D	A	-	D	-	A	-	-	-	D
Monovinyl Acetylene	-	-	-	-	-	-	A	-	-	-	A	-	-	-	-	-	-	-	B	-	A	-	-	-	-
Morpholine	A	-	A	-	A	-	D	-	D	-	-	D	A	-	-	-	-	A	D	B	A	D	-	-	-
Motor oil	A	A	A	A	A	B	A	-	D	-	-	-	-	B	-	-	-	A	B	C	A	B	-	-	-
Motor oil (Petroleum Base)	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Muriatic Acid	D	D	D	D	D	D	D	-	C	-	B	-	-	D	-	-	-	D	D	B	A	A	A	A	-
Muriatic Acid (10%-20% HCL)	D	-	D	D	-	D	-	-	A	-	A	-	A	D	-	D	B	-	D	A	A	A	A	A	B
Mustard	B	D	D	D	D	C	C	-	A	D	D	B	A	B	-	B	B	A	C	A	A	A	A	A	B
N,N-Dimethyl Formamide (DMF)	A	-	-	A	-	B	C	-	-	D	-	-	A	-	-	-	-	A	D	A	A	A	A	-	-
N,N-Dimethylaniline	B	-	B	-	-	-	D	-	C	D	-	-	-	-	-	-	-	A	D	D	A	A	B	-	-
n-Amyl Amine	-	-	-	-	-	-	C	-	D	D	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-
Napalm	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	B	B	-	-	-	-	-	-	-	B
Naphtha	A	B	B	A	A	A	B	D	D	A	A	A	B	B	A	A	A	A	D	D	B	A	D	C	C
Naphtha Coal Tar (Benzol)	A	-	B	A	-	-	D	-	D	A	-	-	A	-	-	-	-	-	D	-	A	-	-	-	-
Naphthalene	B	A	B	A	B	A	D	D	D	A	A	D	A	C	-	D	D	A	D	B	A	A	D	B	B
Naphthoic Acid	B	-	B	A	-	-	B	-	D	A	-	B	B	-	-	-	-	-	-	-	A	-	-	-	-
Naptha-Coal Tar (Benzol)	A	-	A	A	-	A	-	-	D	-	A	-	A	D	-	D	D	-	D	C	A	A	C	A	B
Napthenic Acid	B	-	B	A	A	A	B	-	D	-	A	-	B	D	-	B	B	-	D	-	A	-	B	-	-
Natural Gas	A	A	A	A	A	B	A	-	D	-	A	A	-	B	-	A	A	-	A	A	A	-	C	-	C
n-Butyl Acetate	A	-	A	A	-	-	D	-	D	D	-	D	A	-	-	-	-	-	D	-	A	-	A	-	-
Neatsfoot Oil	A	-	A	A	A	B	A	-	C	A	A	B	-	D	-	A	A	-	D	-	A	-	B	-	A
Neohexane	-	-	-	-	-	-	A	-	-	A	A	-	-	D	-	A	A	-	-	-	A	-	-	-	-
Neosol	B	-	B	A	-	-	A	-	B	C	C	-	A	D	-	A	A	-	A	-	A	-	-	-	-
Neville Acid	-	-	-	-	-	-	C	-	C	B	A	-	-	D	-	D	D	-	D	-	A	-	A	-	-
N-Hexaldehyde	A	-	A	A	A	-	D	-	A	-	D	-	-	D	-	D	D	-	A	-	A	-	C	A	B
n-Hexane	A	-	A	A	-	C	A	-	D	A	-	-	A	-	-	-	-	A	B	C	A	A	A	B	-
n-Hexane 1 (Hexylene)	-	-	-	-	-	-	A	-	D	A	-	-	-	-	-	-	-	-	B	-	A	-	C	-	-
N-Hexene-1	-	-	-	-	-	-	A	-	-	-	A	-	-	-	-	-	-	-	B	-	A	-	-	-	-
Nickel Acetate	D	-	-	A	-	-	B	-	A	D	D	B	-	-	-	B	B	-	B	A	A	A	A	-	D

NICKEL AMMONIUM SULFATE TO NITROMETHANE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Nickel Ammonium Sulfate	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	C	-	A	-	A	-	A	-	-
Nickel Chloride	D	D	D	D	C	B	A	A	A	A	A	A	B	D	A	A	A	D	B	A	A	A	A	A	A
Nickel Nitrate	D	C	C	B	B	D	A	D	A	A	A	A	B	-	-	A	A	A	A	A	A	A	A	A	A
Nickel Salts	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	A	-	B	-	A	-	A	-	A
Nickel Sulfate	D	D	D	B	B	B	A	A	A	A	A	A	B	D	A	A	A	B	A	A	A	A	A	A	A
Nicotine	-	-	-	-	-	-	-	-	-	-	A	-	-	B	-	-	A	-	C	-	A	-	-	-	A
Nicotinic Acid	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	A	A	-	A	-	A	-	-	-	-
Niter Cake	-	-	-	-	-	-	A	-	A	-	A	-	-	-	-	A	A	-	A	-	A	-	A	A	A
Nitrana (Ammonia Fertilizer)	-	-	-	A	-	-	B	-	-	C	C	-	-	-	-	B	B	-	B	-	A	-	-	-	-
Nitrating Acid (<15% HNO3)	D	C	C	C	D	-	-	-	-	-	-	-	A	-	-	-	-	-	A	C	A	-	-	-	-
Nitrating Acid (>15% H2SO4)	D	C	C	C	C	D	D	-	A	-	-	-	A	-	-	-	-	-	A	C	A	-	-	-	-
Nitrating Acid (S1% Acid)	D	-	-	C	A	-	-	-	-	-	-	-	A	-	-	-	-	-	A	C	A	-	-	-	-
Nitrating Acid (S15% H2SO4)	D	A	A	C	C	-	-	-	-	-	-	-	A	-	-	-	-	-	A	C	A	-	-	-	-
Nitric Acid - 10%	D	D	D	A	A	D	D	-	B	A	A	D	A	D	-	-	-	D	B	D	A	A	D	D	-
Nitric Acid - 20%	D	D	D	A	A	D	D	D	B	-	A	D	B	D	-	D	B	D	D	B	A	A	B	A	C
Nitric Acid - 25%	D	D	D	A	A	D	D	-	B	A	A	-	A	D	-	-	-	D	C	D	A	A	D	D	-
Nitric Acid - 30%	-	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitric Acid - 35%	D	D	D	A	A	D	D	-	C	A	A	-	A	D	-	-	-	D	D	D	A	A	D	D	-
Nitric Acid - 50%	D	D	D	B	A	D	D	D	D	A	A	D	D	D	-	D	C	D	D	D	A	A	D	D	C
Nitric Acid - 65%	D	-	D	A	-	D	-	-	D	-	A	-	D	D	-	D	D	-	D	D	A	A	C	D	C
Nitric Acid - 70%	A	-	D	A	A	D	D	-	D	A	B	D	D	D	-	-	-	D	D	D	A	A	D	D	-
Nitric Acid (5-10% Solution)	D	D	D	A	A	D	D	B	B	-	A	-	A	C	-	D	A	D	D	A	A	A	A	A	C
Nitric Acid (Conc.)	D	D	D	A	A	D	D	D	D	B	B	D	B	D	-	D	D	D	D	D	A	A	D	D	D
Nitric Acid (Red Fuming)	D	D	D	B	B	D	D	-	D	B	B	D	B	D	-	D	-	D	D	D	A	D	D	D	D
Nitric Acid Dilute	A	D	D	A	A	D	D	-	B	-	A	-	-	-	-	-	-	-	B	-	A	A	-	A	-
Nitro Ethane	A	-	A	-	A	-	D	-	-	-	C	-	-	-	-	-	-	-	C	C	A	-	-	-	-
Nitrobenzene	C	C	C	B	B	C	D	D	D	B	B	D	D	D	-	D	D	C	D	D	A	B	B	D	D
Nitrobenzine	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	D	-	A	A	-	-	-
Nitroethane	A	-	A	A	-	B	D	-	C	D	D	D	A	-	-	D	D	-	C	C	A	A	A	A	D
Nitrogen	A	-	A	A	A	A	A	-	A	-	A	-	A	B	-	A	A	A	A	A	A	A	A	-	A
Nitrogen Fertilizer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-
Nitrogen Tetroxide	D	-	D	A	-	-	D	-	D	C	D	D	A	B	-	D	D	-	D	D	A	C	D	A	D
Nitroglycerine	-	-	-	-	-	-	-	-	A	-	A	-	-	D	-	A	-	-	A	-	A	-	A	-	A
Nitromethane	B	A	B	A	A	A	D	-	C	D	D	D	A	D	-	D	D	B	D	C	A	B	A	A	D

NITROPROPANE TO OILS: HYDRAULIC OIL (SYNTHETIC)

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Nitropropane	A	-	A	A	-	-	D	-	B	D	D	D	A	-	-	D	-	-	D	-	A	-	B	A	D
Nitrous Acid	D	D	D	B	B	-	-	-	B	-	B	-	D	-	-	D	D	D	D	D	A	B	-	-	-
Nitrous Oxide	B	B	B	D	B	-	-	-	A	-	B	-	B	-	-	A	A	C	B	D	A	D	-	-	B
N-Methyl Aniline	-	-	-	-	-	-	D	-	-	C	-	-	-	-	-	-	-	-	D	C	A	-	-	-	-
N-Octane	-	-	-	-	-	-	B	-	D	A	A	A	-	-	-	B	D	A	D	D	A	A	B	-	D
n-Propyl Acetate	A	-	-	A	-	-	D	-	A	D	-	D	A	-	-	-	-	-	D	C	A	A	B	-	-
n-Propyl Nitrate (NPN)	A	-	D	-	-	-	A	-	B	C	-	A	-	-	-	-	-	-	-	-	A	-	B	-	-
o-Chlorophenol	B	-	B	B	-	B	D	-	D	B	-	-	B	-	-	-	-	D	D	-	A	A	-	-	-
Octachlorotoluene	D	-	-	-	-	-	D	-	D	A	A	-	-	-	-	D	D	-	D	D	A	-	-	-	D
Octadecane	-	-	-	-	-	-	A	-	D	A	A	-	-	-	-	A	-	-	B	-	A	-	B	-	A
Octane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Octyl Acetate	A	-	-	A	-	-	D	-	-	D	D	B	-	-	-	D	D	-	-	-	A	-	-	-	-
Octyl Alcohol	A	-	-	A	-	-	B	-	B	A	B	-	A	-	-	B	B	-	B	-	A	-	B	-	D
O-Dichlorobenzene	D	-	B	B	B	-	D	-	D	A	A	D	A	-	-	-	-	-	D	D	A	A	D	-	-
Oils: Aniline	D	A	A	A	A	D	D	D	B	-	C	D	B	D	-	D	D	A	D	A	A	A	C	-	D
Oils: Anise	-	A	A	-	A	D	-	-	-	-	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-
Oils: Bay	-	A	A	-	A	D	-	-	-	-	A	-	-	-	-	-	-	-	D	-	-	A	-	-	-
Oils: Bone	-	A	A	-	A	D	A	-	-	-	A	A	-	-	-	-	-	-	D	A	A	A	-	-	-
Oils: Castor	A	B	B	A	A	A	B	A	B	A	A	A	A	D	A	A	B	A	A	A	A	A	D	A	A
Oils: Cinnamon	-	-	D	A	A	D	-	-	-	-	A	-	-	-	-	-	-	-	D	D	A	-	C	D	-
Oils: Citric	C	D	D	A	A	B	C	-	B	A	A	D	-	-	-	A	B	-	D	A	A	-	C	-	-
Oils: Clove	B	-	D	A	A	-	A	-	-	-	A	A	A	-	-	C	-	-	C	B	A	-	C	A	-
Oils: Coconut	B	A	A	A	A	A	B	C	D	A	A	A	A	-	-	A	B	-	D	A	A	A	B	A	C
Oils: Cod Liver	B	-	D	A	A	B	B	B	A	A	A	A	A	-	-	A	-	-	B	A	A	A	C	A	A
Oils: Corn	B	A	C	B	A	A	D	B	D	A	B	A	A	A	A	A	B	A	D	A	A	A	D	A	A
Oils: Cottonseed	B	A	C	C	A	B	C	B	D	A	A	B	A	A	-	A	B	B	D	A	A	B	B	B	A
Oils: Creosote	B	-	-	B	B	D	D	D	D	-	A	A	B	D	-	-	-	D	C	D	A	-	-	-	-
Oils: Crude	A	-	B	A	A	D	-	-	D	-	A	A	B	B	-	B	C	A	C	D	A	A	D	B	D
Oils: Diesel Fuel (20,30,40,50)	A	A	A	A	A	D	A	B	D	-	A	B	B	A	-	-	-	A	D	B	A	A	-	-	-
Oils: Fish	-	-	-	-	-	-	A	-	D	A	A	B	-	B	-	A	A	-	B	-	A	-	B	A	B
Oils: Fuel (1,2,3,5A,5B,6)	C	A	A	A	A	D	B	D	D	-	B	D	A	A	-	-	-	A	D	B	A	B	-	-	-
Oils: Ginger	-	-	D	D	D	A	A	-	A	A	A	A	-	-	-	-	-	-	A	-	A	A	C	-	-
Oils: Hydraulic Oil (Petro)	A	A	A	A	A	B	A	A	D	-	A	-	A	-	-	-	-	A	A	D	A	A	-	-	-
Oils: Hydraulic Oil (Synthetic)	A	-	-	A	A	-	D	A	A	-	A	-	A	-	-	-	-	A	A	D	A	A	-	-	-

OILS: LAVENDER TO ORTHOCHLORO ETHYL BENZENE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Oils: Lavender	-	-	-	-	-	-	B	-	D	B	B	B	-	-	-	B	B	-	D	-	A	-	B	-	-
Oils: Lemon	C	-	A	A	A	D	C	-	D	-	A	-	A	-	-	A	-	-	D	D	A	A	C	-	-
Oils: Linseed	B	A	A	A	A	A	A	C	D	A	A	A	B	B	A	A	A	A	D	A	A	A	B	A	B
Oils: Mineral	A	A	A	A	A	A	A	B	D	A	A	A	A	A	A	A	A	A	B	C	A	A	D	C	A
Oils: Neatsfoot	A	-	A	A	A	B	A	-	C	A	A	B	-	D	-	A	A	-	D	-	A	-	B	-	A
Oils: Olive	A	A	A	B	A	A	D	B	D	A	A	A	A	-	-	A	D	A	D	A	A	B	B	A	A
Oils: Orange	A	-	-	A	A	D	A	-	-	-	A	A	A	-	-	-	-	-	D	A	-	A	-	-	-
Oils: Palm	B	A	B	A	A	A	B	-	D	B	A	A	A	-	-	A	-	C	D	A	A	A	B	A	A
Oils: Peanut	A	A	A	A	A	A	A	B	D	A	A	A	A	-	-	A	A	-	D	D	A	A	B	A	B
Oils: Peppermint	D	-	-	A	A	D	D	-	-	A	A	D	-	-	-	D	-	-	D	B	A	A	C	C	-
Oils: Pine	A	C	C	A	A	A	D	D	D	A	A	B	-	D	A	B	B	A	D	D	A	B	C	C	D
Oils: Rapeseed	-	A	A	A	A	A	D	D	A	A	A	A	A	-	-	B	-	-	D	D	A	A	B	D	B
Oils: Rosin	B	-	-	A	A	-	A	-	-	-	A	A	A	-	-	-	-	A	-	A	A	A	-	-	-
Oils: Sesame Seed	A	A	A	A	A	D	A	-	-	A	A	A	-	-	-	A	A	-	D	A	A	A	B	-	-
Oils: Silicone	B	A	B	A	A	A	A	A	A	A	A	A	A	B	-	A	A	A	D	A	A	A	C	A	A
Oils: Soybean	B	A	A	A	A	B	A	C	D	A	A	A	A	B	-	A	A	B	D	B	A	B	C	A	B
Oils: Sperm (whale)	-	A	A	A	A	D	A	-	D	A	A	A	A	-	-	A	-	-	D	A	A	A	B	-	-
Oils: Tall (Liquid Rosin)	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Oils: Tanning	-	-	-	A	A	D	A	-	-	-	A	A	-	-	-	-	-	-	D	-	-	A	-	-	-
Oils: Transformer	A	-	B	A	A	C	B	-	D	A	A	B	A	-	-	A	B	A	C	D	A	A	D	A	A
Oils: Tung (Wood Oil)	A	A	B	A	B	A	A	-	D	-	B	A	A	B	-	A	D	-	B	A	A	A	B	A	C
Oils: Turbine	A	A	A	A	A	A	B	D	D	-	A	B	-	-	-	B	-	A	D	B	A	A	-	-	A
Oils: Vegetable	B	B	B	A	A	A	B	-	D	A	A	B	A	-	A	A	A	A	D	D	A	A	B	D	A
Oils: Waste	-	-	-	-	-	B	-	-	D	-	-	-	-	-	-	-	-	-	-	-	A	-	-	D	-
Oleic Acid	B	B	C	A	A	C	C	C	D	-	B	B	A	A	A	-	-	B	D	B	A	A	-	A	-
Oleic Acid (Red Oil)	A	-	C	B	-	B	C	-	C	B	A	-	A	A	-	A	D	B	D	B	A	A	B	A	B
Olein (Triolein)	-	-	-	-	-	-	B	-	-	-	-	-	-	-	-	B	-	-	C	-	A	-	D	-	-
Oleum 100% (Fuming Sulfuric)	D	-	D	A	A	D	D	D	D	A	B	D	D	D	-	D	D	D	D	D	A	D	D	D	D
Oleum 25%	B	-	-	B	B	D	D	D	D	-	A	-	A	C	-	-	-	D	D	D	A	C	-	-	-
Oleum Spirits	D	-	D	B	B	-	C	-	D	-	A	-	-	B	-	B	D	-	D	D	A	D	D	A	C
Olive Oil	A	A	A	B	A	A	D	B	D	A	A	A	A	-	-	A	D	A	D	A	A	B	B	A	A
Oronite 8200	-	-	-	-	-	-	-	-	D	-	A	-	-	B	-	B	-	-	A	-	A	-	-	-	A
Oronite 9515	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B	-	-	-	-	A	-	-	-	-
Orthochloro Ethyl Benzene	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	-	-	D	-	A	-	-	-	D

ORTHO-DICHLOROBENZENE TO PETROLEUM - BELOW 250

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Ortho-Dichlorobenzene	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	D	-	-	D	-	A	-	D	-	D
OS 45 Type 111 (OS45)	-	-	-	-	-	-	-	-	D	-	B	-	-	C	-	B	-	-	A	-	A	-	-	-	D
OS 45 Type IV (OS45-1)	-	-	-	-	-	-	-	-	D	-	B	-	-	-	-	B	-	-	A	-	A	-	-	-	D
OS 70	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	-	-	A	-	A	-	-	-	D
Oxalic Acid - 5% (Hot and Cold)	B	-	D	B	-	D	-	-	A	-	A	-	B	D	-	B	C	-	B	A	A	A	A	A	A
Oxalic Acid (cold)	D	D	D	D	D	D	D	B	A	C	A	D	B	D	A	-	-	B	D	A	A	B	A	A	-
Oxygen	A	B	B	A	A	A	C	-	A	-	A	-	-	B	A	-	-	B	A	C	A	A	A	A	-
Oxygen - 200°-400°F	A	-	A	-	A	-	D	-	-	-	B	-	-	-	-	-	-	D	D	D	A	A	-	-	-
Ozone	B	D	C	B	B	D	D	A	A	A	A	D	A	C	-	D	-	D	C	D	A	A	A	B	A
P Dioxane	-	-	-	-	-	A	D	-	B	-	B	-	-	-	-	-	-	A	D	B	A	D	-	A	-
Paint Thinner, Duco	D	B	B	B	A	A	D	-	D	B	B	-	A	-	A	D	D	A	D	D	A	-	C	-	D
Paints & Solvents	D	-	-	A	A	-	D	-	-	-	-	-	A	-	-	-	-	-	D	-	A	-	-	-	-
Palm Oil	B	A	B	A	A	A	B	-	D	B	A	A	A	-	-	A	-	C	D	A	A	A	B	A	A
Palmitic Acid	C	-	C	B	A	A	A	D	B	-	A	A	B	A	A	A	A	C	D	B	A	A	B	-	A
Para-Dichlorobenzene	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	-	-	D	-	A	-	-	-	D
Paraffin	A	A	A	A	A	A	B	-	D	-	B	A	B	-	A	A	A	A	B	A	A	A	A	A	A
Paraformaldehyde	A	-	A	A	-	-	B	-	A	C	C	B	A	-	-	B	-	-	B	-	A	-	-	-	-
Paraldehyde	A	-	A	A	-	-	C	-	A	D	D	-	A	-	-	D	-	-	D	-	A	-	-	-	-
P-Cymene	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	D	-	A	-	B	A	D
P-Dichlorobenzene	D	-	B	B	-	B	-	-	D	-	A	-	A	D	-	D	D	-	D	B	A	A	D	-	D
Peanut Oil	A	A	A	A	A	A	A	B	D	A	A	A	A	-	-	A	A	-	D	D	A	A	B	A	B
Pentachloroethane (Pentalin)	D	-	A	A	-	A	D	-	-	A	A	D	A	-	-	D	D	-	D	D	A	A	-	-	-
Pentachlorophenol (PCP)	A	-	A	A	-	-	D	-	D	A	A	D	A	-	-	D	-	-	D	-	A	-	-	-	D
Pentane	B	-	C	C	C	B	A	B	D	A	A	A	B	B	-	A	-	A	B	D	A	A	A	A	D
Peppermint Oil	D	-	-	A	A	D	D	-	-	A	A	D	-	-	-	D	-	-	D	B	A	A	C	C	-
Perchloric Acid	D	D	D	D	D	C	D	-	B	A	A	D	B	D	-	D	D	D	B	D	D	A	D	C	D
Perchloric Acid-10%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perchloric Acid-70%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perchloroethylene	D	A	B	B	A	B	D	D	D	A	B	D	B	D	-	D	D	D	D	D	A	A	D	B	D
Permachlor (Degreasing Fluid)	-	-	-	-	-	-	-	-	D	-	C	-	-	-	-	D	-	-	-	-	A	-	-	-	-
Petrolatum	B	-	-	A	A	B	A	-	D	-	A	A	A	-	-	A	A	D	B	D	C	A	-	-	D
Petroleum	D	-	C	A	A	B	A	D	D	-	A	-	-	B	-	-	-	A	B	B	A	A	C	C	-
Petroleum - Above 250	A	-	A	-	A	-	C	-	-	-	B	-	-	-	-	-	-	D	D	-	A	-	-	-	-
Petroleum - Below 250	A	-	A	-	A	-	A	-	-	-	A	-	-	-	-	-	-	A	B	A	A	A	-	-	-

PETROLEUM ETHER - PHOSPHORUS

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Petroleum Ether	B	-	B	A	A	A	-	-	D	-	A	-	D	-	-	A	A	A	D	A	A	B	-	A	B
Petroleum Oil, Crude	B	-	B	A	-	A	B	-	D	A	A	-	A	A	-	A	C	A	C	D	A	A	C	A	A
Petroleum Oils (Refined)	-	-	-	-	-	A	-	-	D	-	A	-	-	A	-	A	B	-	B	B	A	A	C	A	B
Petroleum Oils (Sour)	B	-	B	A	-	A	-	-	D	-	A	-	A	B	-	B	C	-	B	B	A	A	C	A	B
Phenethyl Alcohol	A	-	A	A	-	-	D	-	B	D	-	-	A	-	-	-	-	-	D	-	A	-	-	-	-
Phenol	B	-	D	A	-	A	-	-	-	-	A	-	A	D	-	D	D	-	D	C	A	A	A	C	D
Phenol (10%)	A	D	D	B	B	B	D	D	B	-	A	-	B	-	-	-	-	D	D	B	A	A	-	-	-
Phenol (Carbolic Acid)	B	D	D	B	B	D	D	D	C	A	A	-	A	D	-	-	-	D	D	C	A	A	A	C	-
Phenol Sulfonic Acid	D	-	D	B	B	-	-	-	-	-	D	-	A	-	-	D	-	-	-	-	A	B	-	-	-
Phenyl Acetate	-	-	-	-	-	-	D	-	B	D	D	-	-	-	-	D	-	-	D	-	A	-	-	-	D
Phenyl Ethyl Ether	-	-	-	-	-	-	D	-	D	C	C	-	-	-	-	-	-	-	D	-	A	-	C	-	-
Phenyl Hydrazine	A	-	D	-	-	-	D	-	D	A	A	D	-	-	-	D	-	-	D	D	A	D	B	-	-
Phenyl Sulfonic Acid	B	-	B	B	-	-	D	-	-	D	-	D	-	-	-	-	-	-	-	-	A	-	-	-	-
Phenylbenzene	-	-	-	-	-	-	D	-	D	A	A	-	-	-	-	D	-	-	D	-	A	-	C	-	D
Phorone (Diisopropylidene Acetone)	-	-	-	-	-	-	D	-	C	A	D	-	-	-	-	D	-	-	D	-	A	-	B	A	D
Phosphate Esters	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	D	-	-	D	-	A	-	-	-	D
Phosphoric Acid - 10%	D	-	D	A	-	-	A	-	A	A	-	-	-	-	-	-	-	D	B	A	A	A	A	A	-
Phosphoric Acid - 20%	D	-	D	A	B	D	C	-	A	A	A	D	A	-	-	B	-	D	B	A	A	A	A	A	C
Phosphoric Acid - 45%	D	-	D	-	B	-	D	-	-	-	A	-	-	-	-	-	-	D	B	A	A	A	-	-	-
Phosphoric Acid - 50%	D	-	D	A	-	-	D	-	B	A	-	D	C	-	-	-	-	D	B	A	A	A	B	A	-
Phosphoric Acid (>40%)	D	D	D	D	D	D	D	B	B	-	A	-	A	D	-	D	-	C	D	A	A	B	C	B	D
Phosphoric Acid (Concentrated)	D	-	D	A	-	-	D	-	B	A	-	D	-	-	-	-	-	D	B	A	A	A	-	A	-
Phosphoric Acid (crude)	C	D	D	D	B	D	D	B	B	-	A	-	A	-	-	-	-	B	D	B	A	A	-	-	-
Phosphoric Acid (molten)	C	-	-	-	C	D	-	-	-	-	-	-	C	-	-	-	-	-	A	D	-	D	-	-	-
Phosphoric Acid (S40%)	C	D	D	D	C	D	D	B	B	-	A	-	A	-	-	-	-	B	B	A	A	B	-	-	-
Phosphoric Acid (To 40% Solution)	D	-	D	-	A	-	D	-	-	-	A	-	A	-	-	-	-	D	D	A	A	A	-	-	-
Phosphoric Acid Aerated	D	D	D	A	B	D	-	-	-	-	-	-	-	-	-	-	-	D	-	B	A	A	-	A	-
Phosphoric Acid Air Free	D	D	D	D	A	D	-	-	-	-	-	-	-	D	-	-	-	D	-	B	A	A	A	A	-
Phosphoric Acid Anhydride	C	-	-	-	-	D	D	-	-	-	-	-	-	-	-	-	-	-	A	A	-	D	-	-	-
Phosphoric Acid Boiling	D	D	D	D	D	D	-	-	-	-	-	-	-	-	-	-	-	D	-	A	A	A	-	D	-
Phosphoric Acid Crude	D	-	D	-	C	-	D	-	-	-	A	-	A	-	-	-	-	C	D	A	A	A	-	-	-
Phosphorous Oxychloride	B	-	B	B	-	-	-	-	-	-	-	-	B	-	-	-	-	-	D	-	A	-	-	-	-
Phosphorous Trichloride Acid	D	-	B	A	A	D	D	-	A	-	A	-	A	-	-	D	D	-	D	D	A	A	B	A	-
Phosphorus	B	A	A	A	A	B	-	-	-	-	-	-	A	-	-	-	-	-	-	B	A	A	-	A	-

PHOSPHORUS PENTACHLORIDE - PLATING SOLUTIONS TO COPPER (HIGH-SPEED BATH 180 °F)

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Phosphorus Pentachloride	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B	A	A	-	-	-
Phosphorus Trichloride	D	-	B	A	A	D	D	D	A	A	A	D	A	-	-	-	-	-	D	D	A	A	B	A	-
Photographic Developer	C	D	D	A	A	D	A	A	B	A	A	A	B	D	-	A	B	B	A	A	A	A	A	A	B
Photographic Solutions	A	D	D	D	A	D	B	A	A	-	B	-	B	D	-	-	-	A	B	A	A	B	-	A	-
Phthalic Acid	B	-	A	B	B	C	D	A	A	-	A	D	B	-	-	C	D	B	C	B	A	A	-	A	-
Phthalic Anhydride	A	A	A	A	A	C	D	-	A	-	A	D	A	-	-	C	-	-	A	D	A	A	-	-	-
Pickling Solution	-	-	-	-	-	D	-	-	D	B	B	-	A	D	-	D	D	-	D	-	A	-	A	A	C
Picric Acid	D	D	D	D	D	D	C	B	C	A	A	B	D	D	A	D	B	D	C	D	A	A	B	A	C
Pine Oil	A	C	C	A	A	A	D	D	D	A	A	B	-	D	A	B	B	A	D	D	A	B	C	C	D
Pinene	-	-	-	-	-	-	B	-	D	A	A	-	-	D	-	B	B	-	D	-	A	-	C	A	D
Piperidine	-	-	-	-	-	-	D	-	D	D	D	-	-	D	-	D	-	-	D	-	A	-	B	-	D
Pitch	-	-	-	-	-	-	-	-	D	-	A	-	-	D	-	A	A	-	D	-	A	-	-	-	D
Plating Solutions - Antimony	D	A	A	A	A	A	A	-	-	-	A	-	A	-	-	A	B	D	A	A	A	A	A	A	-
Plating Solutions - Arsenic	C	A	A	A	A	A	A	-	-	-	A	-	A	-	-	A	B	A	A	A	A	A	A	A	-
Plating Solutions - Brass	C	A	A	A	A	A	A	-	A	-	A	-	A	-	-	A	B	A	A	A	A	B	A	A	-
Plating Solutions - Brass (High-Speed Bath 110°F)	A	A	A	-	A	A	A	-	-	-	A	-	A	-	-	-	-	A	A	A	A	B	-	-	-
Plating Solutions - Bronze	C	A	A	A	A	B	A	-	A	-	A	-	A	-	-	A	B	A	A	A	A	A	A	A	-
Plating Solutions - Bronze (Cu-Sn Bronze Bath 160°F)	A	A	A	A	A	B	A	-	A	-	A	-	A	-	-	-	-	A	A	A	A	A	-	-	-
Plating Solutions - Bronze (Cu-Zn Bronze Bath 100°F)	A	A	A	A	A	A	A	-	-	-	A	-	A	-	-	-	-	A	A	A	A	A	-	-	-
Plating Solutions - Cadmium	C	-	A	-	A	-	A	-	-	-	A	-	D	-	-	-	-	A	A	A	A	B	-	A	-
Plating Solutions - Cadmium (Cyanide Bath 90°F)	A	A	A	-	A	A	A	-	-	-	A	-	A	-	-	-	-	A	A	A	A	A	-	-	-
Plating Solutions - Cadmium (Fluoborate Bath 100°F)	A	D	D	A	A	C	B	-	-	-	A	-	D	-	-	-	-	D	C	A	A	A	-	-	-
Plating Solutions - Cadnium	C	-	A	A	-	D	B	-	B	-	A	-	A	-	-	A	B	B	A	A	A	A	A	A	-
Plating Solutions - Chrome	D	-	D	A	A	D	D	-	C	A	A	-	D	-	-	D	D	D	D	A	A	B	A	A	-
Plating Solutions - Chrome (Barrel Chrome Bath 95°F)	A	C	C	-	D	D	D	-	-	-	C	-	D	-	-	-	-	D	D	A	A	C	-	-	-
Plating Solutions - Chrome (Black Chrome Bath 115°F)	A	A	A	-	C	D	C	-	-	-	C	-	D	-	-	-	-	D	D	A	A	C	-	-	-
Plating Solutions - Chrome (Chromic-Sulfuric Bath 130°F)	A	A	A	-	C	D	D	-	-	-	C	-	D	-	-	-	-	D	D	A	A	C	-	-	-
Plating Solutions - Chrome (Fluoride Bath 130°F)	A	C	C	-	D	D	D	-	-	-	C	-	D	-	-	-	-	D	D	A	A	C	-	-	-
Plating Solutions - Chrome (Fluosilicate Bath 95°F)	A	C	C	-	C	D	D	-	-	-	C	-	D	-	-	-	-	D	D	D	A	C	-	-	-
Plating Solutions - Copper	C	-	A	A	-	-	A	-	A	-	A	-	D	-	-	A	B	A	A	A	A	B	A	A	D
Plating Solutions - Copper (Copper Fluoborate Bath 120°F)	A	D	D	A	D	C	B	-	-	-	A	-	D	-	-	-	-	D	C	A	A	A	-	-	-
Plating Solutions - Copper (Copper Sulfate Bath R.T.)	A	A	A	-	D	A	A	-	-	-	A	-	D	-	-	-	-	D	A	A	A	A	-	-	-
Plating Solutions - Copper (Electroless)	A	-	-	-	-	D	D	-	-	-	A	-	-	-	-	-	-	A	D	A	A	A	-	-	-
Plating Solutions - Copper (High-Speed Bath 180°F)	A	A	A	-	A	B	A	-	-	-	A	-	A	-	-	-	-	A	B	A	A	A	-	-	-

PLATING SOLUTIONS - COPPER (HIGH-SPEED BATH 180 °F) TO PLATING SOLUTIONS - RODHIUM PLATING 120 °F

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Plating Solutions - Copper (Pyrophosphate)	A	A	A	-	A	A	A	-	-	-	A	-	A	-	-	-	-	A	A	A	A	A	-	-	-
Plating Solutions - Copper (Rochelle Salt Bath 150°F)	A	A	A	-	A	B	A	-	-	-	A	-	A	-	-	-	-	A	B	A	A	A	-	-	-
Plating Solutions - Copper (Copper Strike Bath 120°F)	-	A	A	-	A	A	A	-	-	-	A	-	A	-	-	-	-	A	A	A	A	B	-	-	-
Plating Solutions - Gold	C	-	-	A	D	-	A	-	A	-	A	-	A	-	-	A	B	A	A	A	A	B	A	A	-
Plating Solutions - Gold (Acid 75°F)	-	-	-	-	C	-	A	-	-	-	A	-	A	-	-	-	-	A	A	A	A	-	-	-	-
Plating Solutions - Gold (Cyanide 150°F)	-	-	-	-	A	-	A	-	-	-	A	-	A	-	-	-	-	A	A	A	A	-	-	-	-
Plating Solutions - Gold (Neutral 75°F)	-	-	-	-	C	-	A	-	-	-	A	-	A	-	-	-	-	A	A	A	A	-	-	-	-
Plating Solutions - Indium	C	-	-	A	C	-	A	-	-	-	A	-	A	-	-	A	B	D	A	A	A	-	A	A	-
Plating Solutions - Iron	C	-	-	A	A	-	A	-	-	-	A	-	A	-	-	A	B	D	A	A	A	A	A	A	-
Plating Solutions - Iron (Ferrous Chloride Bath 190°F)	-	-	-	-	D	-	B	-	-	-	A	-	D	-	-	-	-	D	D	C	A	-	-	-	-
Plating Solutions - Iron (Fluoborate Bath 145°F)	-	-	-	-	D	-	B	-	-	-	A	-	B	-	-	-	-	D	C	A	A	-	-	-	-
Plating Solutions - Iron (Sulfamate 140°F)	-	-	-	-	D	-	A	-	-	-	A	-	B	-	-	-	-	D	A	A	A	-	-	-	-
Plating Solutions - Iron (Sulfate-Chloride Bath 160°F)	-	-	-	-	D	-	B	-	-	-	A	-	D	-	-	-	-	D	C	A	A	-	-	-	-
Plating Solutions - Iron (Ferrous Am Sulfate Bath 150°F)	-	-	-	-	C	-	A	-	-	-	A	-	A	-	-	-	-	D	B	A	A	-	-	-	-
Plating Solutions - Iron (Ferrous Sulfate Bath 150°F)	-	-	-	-	C	-	A	-	-	-	A	-	A	-	-	-	-	D	B	A	A	-	-	-	-
Plating Solutions - Lead	C	-	-	A	C	A	B	-	A	-	A	-	A	-	-	B	C	D	B	A	A	B	A	C	-
Plating Solutions - Nickel	C	-	-	A	A	-	A	-	A	-	A	-	A	-	-	A	B	A	A	A	A	A	A	A	-
Plating Solutions - Nickel (Electroless 200°F)	-	-	-	-	-	-	D	-	-	-	A	-	-	-	-	-	-	D	D	D	A	-	-	-	-
Plating Solutions - Nickel (Fluoborate 100-170°F)	-	-	-	-	C	-	B	-	-	-	A	-	A	-	-	-	-	D	A	A	A	-	-	-	-
Plating Solutions - Nickel (High-Chloride 130-160°F)	-	-	-	-	C	-	A	-	-	-	A	-	A	-	-	-	-	D	B	A	A	-	-	-	-
Plating Solutions - Nickel (Sulfamate 100-140°F)	-	-	-	-	C	-	A	-	-	-	A	-	A	-	-	-	-	A	A	A	A	-	-	-	-
Plating Solutions - Nickel (Watts Type 115-160°F)	-	-	-	-	C	-	A	-	-	-	A	-	A	-	-	-	-	A	A	A	A	-	-	-	-
Plating Solutions - Others	-	-	-	A	-	-	A	-	A	B	-	-	-	-	-	-	-	-	C	-	A	-	A	A	-
Plating Solutions - Silver	C	-	-	A	A	-	A	-	A	-	A	-	A	-	-	A	B	A	A	A	A	A	A	A	-
Plating Solutions - Silver (80-120°F)	-	-	-	-	A	-	A	-	A	-	A	-	A	-	-	-	-	A	A	A	A	-	-	-	-
Plating Solutions - Tin	C	-	-	B	A	-	A	-	A	-	A	-	A	-	-	B	B	D	A	A	A	B	A	A	-
Plating Solutions - Tin (Fluoborate Plating 100°F)	-	-	-	-	C	-	B	-	-	-	A	-	A	-	-	-	-	D	C	A	A	-	-	-	-
Plating Solutions - Tin (Lead Plating 100°F)	-	-	-	-	C	-	B	-	-	-	A	-	A	-	-	-	-	D	C	A	A	-	-	-	-
Plating Solutions - Zinc	C	-	-	A	A	-	A	-	A	-	A	-	A	-	-	A	B	D	A	A	A	B	A	A	-
Plating Solutions - Zinc (Acid Chloride 140°F)	-	-	-	-	D	-	A	-	-	-	A	-	D	-	-	-	-	D	A	A	A	-	-	-	-
Plating Solutions - Zinc (Acid Fluoborate Bath R.T.)	-	-	-	-	C	-	B	-	-	-	A	-	A	-	-	-	-	D	C	A	A	-	-	-	-
Plating Solutions - Zinc (Acid Sulfate Bath 150°F)	-	-	-	-	C	-	A	-	-	-	A	-	A	-	-	-	-	D	B	A	A	-	-	-	-
Plating Solutions - Zinc (Alkaline Cyanide Bath R.T.)	-	-	-	-	A	-	A	-	-	-	A	-	A	-	-	-	-	A	A	A	A	-	-	-	-
Plating Solutions - Rhodium Plating 120°F	-	-	-	-	D	-	A	-	A	-	A	-	D	-	-	-	-	D	B	A	A	-	-	-	-

POLYVINYL ACETATE EMULATION TO POTASSIUM SULFITE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Polyvinyl Acetate Emulsion	-	-	B	-	-	A	-	-	A	-	D	-	-	-	-	A	B	-	C	B	A	A	A	-	-
Potash (Potassium Carbonate)	D	C	C	B	B	B	A	-	A	-	A	A	B	D	-	-	-	A	B	A	A	A	-	-	-
Potassium Acetate	D	B	B	B	B	A	B	-	A	D	D	A	B	-	-	B	B	B	B	A	A	A	A	A	D
Potassium Aluminum Sulfate	C	-	D	D	B	A	-	-	-	-	-	-	-	-	-	-	-	D	-	A	A	A	-	A	-
Potassium Bicarbonate	D	B	B	B	B	C	A	-	A	A	A	A	B	-	A	A	A	A	A	A	A	B	A	A	D
Potassium Bichromate	B	-	B	B	B	C	-	-	-	-	-	-	-	B	-	-	-	D	-	A	A	B	-	A	-
Potassium Bisulfate	A	-	D	A	-	-	A	-	-	A	-	A	-	-	-	-	-	-	A	A	A	A	-	A	-
Potassium Bisulfite	B	-	-	B	-	-	A	-	A	A	A	A	B	-	-	A	A	-	A	A	A	-	-	-	A
Potassium Bromide	D	D	D	D	B	A	A	-	A	A	A	A	B	-	A	A	A	A	A	A	A	A	A	A	D
Potassium Carbonate (Potash)	D	B	B	B	B	B	A	-	A	A	A	-	B	D	-	A	A	C	B	A	A	A	A	A	D
Potassium Chlorate	D	C	C	B	B	B	A	-	A	A	A	A	B	-	A	A	A	D	A	A	A	A	A	A	A
Potassium Chloride	D	D	D	C	C	B	A	A	A	A	A	A	B	D	A	A	A	B	A	A	A	A	A	A	A
Potassium Chromate	B	B	B	B	B	D	A	-	A	A	A	A	A	-	A	A	A	B	A	A	A	B	A	A	B
Potassium Copper Cyanide	-	-	-	-	-	-	A	-	A	A	-	-	-	-	-	-	-	-	A	A	A	A	-	-	-
Potassium Cupro Cyanide	-	-	-	-	-	C	A	-	B	-	A	-	-	-	-	A	-	-	A	A	A	A	A	-	-
Potassium Cyanide	D	B	B	B	B	C	A	A	A	A	A	A	B	B	A	A	A	A	B	A	A	A	A	A	A
Potassium Dichromate	B	B	B	B	B	D	A	A	A	A	A	A	B	C	-	A	A	D	A	A	A	A	A	A	B
Potassium Ferricyanide	B	C	C	B	B	B	D	A	A	-	A	D	B	-	-	C	-	B	A	A	A	A	-	A	-
Potassium Ferrocyanide	B	C	C	B	B	B	D	-	A	-	A	D	B	-	-	-	-	B	A	A	A	A	-	-	-
Potassium Hydrate	D	-	B	A	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-
Potassium Hydroxide	D	B	C	B	A	C	B	A	A	B	D	-	B	D	-	B	A	D	B	A	A	A	A	A	B
Potassium Hypochlorite	D	A	D	D	B	D	A	A	A	-	D	A	B	-	-	B	B	B	B	D	B	B	-	-	B
Potassium Iodide	B	A	A	B	A	-	A	A	A	A	A	A	B	-	-	A	B	A	A	A	A	A	-	B	-
Potassium Nitrate	B	A	B	B	B	B	A	A	A	A	A	A	B	B	A	A	A	D	A	A	A	A	A	A	A
Potassium Nitrite	B	-	B	B	-	-	A	-	A	A	-	-	B	-	-	-	-	-	A	-	A	-	-	-	-
Potassium Oxolate	B	A	A	B	B	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	A	-	-	-	-
Potassium Permanganate	B	B	B	B	B	C	C	-	A	B	A	D	A	D	-	B	D	D	C	B	A	A	A	A	B
Potassium Phosphate	D	-	D	B	-	-	A	-	A	A	A	-	B	-	-	A	-	-	A	-	A	-	-	-	C
Potassium Salts	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	-	A	-	-	-	A
Potassium Silicate	B	-	B	B	-	-	A	-	A	A	-	-	B	-	-	-	-	-	A	-	A	-	-	-	-
Potassium Silicide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-
Potassium Sulfate	C	A	B	B	B	B	A	A	A	A	A	A	B	B	-	A	A	B	A	A	A	A	A	A	A
Potassium Sulfide	D	B	B	B	B	-	A	B	A	A	A	A	B	-	-	A	A	A	A	A	A	A	-	A	A
Potassium Sulfite	A	A	D	B	A	-	A	-	A	A	A	-	-	-	-	A	A	-	A	A	A	A	-	A	A

POTASSIUM TRIPHOSPHATE TO RADIATION

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Potassium Triphosphate	-	-	-	-	-	-	-	-	B	-	-	-	-	A	-	-	A	-	-	-	D	-	-	A	A
PRL-High Temp. Hydr. Oil	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	B	-	B	-	A	-	-	A	B
Producer Gas	-	-	-	-	-	A	A	-	D	-	A	-	-	-	-	A	-	-	B	-	A	-	-	D	A
Propane	A	A	A	A	A	A	A	-	D	-	A	-	-	B	-	-	-	A	B	D	A	A	-	A	-
Propane (Liquified)	A	A	A	A	A	A	A	-	D	-	A	A	A	B	-	A	B	A	C	B	A	B	-	C	B
Propane (LPG)	A	-	B	A	-	A	A	-	D	A	A	-	A	B	-	A	B	C	B	D	A	A	C	C	B
Propane Propionitrile	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	B	-	A	-	-	A	D
Propionaidehyde (Propanol)	A	-	A	A	-	-	D	-	A	D	D	-	A	-	-	D	-	-	D	-	A	-	-	-	D
Propionic Acid	A	-	D	B	-	-	D	-	A	A	D	-	A	-	-	D	-	-	D	-	A	-	A	-	D
Propyl Acetate	A	A	A	A	A	A	D	-	B	-	D	A	A	-	-	D	D	-	D	C	A	A	B	-	D
Propyl Alchol	A	-	-	A	-	-	A	-	-	A	-	-	A	-	-	-	-	-	A	A	A	A	A	A	-
Propyl Alcohol	A	A	A	A	A	A	B	-	A	A	A	-	A	-	-	A	B	D	B	A	A	B	A	A	D
Propyl Nitrate	B	-	D	A	-	A	-	-	B	-	D	-	-	-	-	D	-	-	D	C	A	D	B	-	D
Propylene	A	A	A	B	A	A	D	D	D	A	A	D	A	-	-	D	-	-	D	A	A	A	B	A	D
Propylene Chlorohydrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	-	-	-
Propylene Dichloride	D	-	A	A	-	-	D	-	D	B	A	-	B	-	-	D	-	-	D	-	A	-	-	D	D
Propylene Glycol	B	A	B	B	B	D	A	A	A	A	A	-	B	-	-	A	A	B	C	A	A	A	A	B	B
Propylene Oxide	B	B	B	A	A	A	D	-	C	D	D	-	-	-	-	D	D	-	D	D	A	D	A	A	D
Pryanol, Transformer Oil	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	D	-	A	-	-	C	B
P-Tertiary Butyl Catechol	C	-	B	B	-	A	-	-	B	-	A	-	-	-	-	D	-	-	B	-	A	-	B	-	-
Pydraul	A	-	A	A	A	-	D	-	B	A	A	-	A	B	-	-	-	C	D	-	A	-	A	-	-
Pyranol	-	-	-	-	-	-	A	-	-	A	A	-	-	-	-	-	-	-	D	-	A	-	-	-	-
Pyridine	B	B	B	B	B	C	D	D	C	D	D	D	B	C	-	D	-	D	D	C	A	D	A	D	D
Pyrogallic Acid	B	D	D	D	B	D	-	-	B	-	A	-	B	-	-	D	-	-	A	A	A	B	-	C	D
Pyroligneous Acid (Wood Vinegar)	D	-	D	B	B	D	D	-	C	A	D	D	-	-	-	D	D	D	D	B	A	B	-	D	D
Pyrolube	-	-	-	-	-	-	-	-	B	-	A	-	-	-	-	D	-	-	D	-	A	-	A	-	D
Pyrrole	-	-	-	-	-	-	D	-	D	C	D	-	-	-	-	D	-	-	D	-	A	-	C	-	-
Quaternary Ammonium Salts	-	-	D	A	-	-	A	-	-	A	A	-	-	-	-	A	-	-	A	-	A	-	-	-	-
Quench Oil	A	-	-	A	-	-	B	-	D	A	A	-	A	-	-	A	-	-	D	-	A	-	-	-	A
Quinine Bisulfate	-	-	-	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-
Quinine Bisulphate (Dry)	D	-	D	B	-	D	-	-	A	-	A	-	A	-	-	A	D	-	A	D	A	D	-	A	A
Quinine Sulfate	-	-	-	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	-	-	-	-
Quinine Sulphate (Dry)	D	-	D	A	-	D	-	-	A	-	A	-	A	-	-	A	D	-	A	D	A	D	-	A	A
Radiation	-	-	-	-	-	D	B	-	C	-	D	-	-	-	-	B	-	-	C	-	A	-	-	-	B

RAPESEED OIL TO SILICONE OIL

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Rapeseed Oil	-	A	A	A	A	A	D	D	A	A	A	A	A	-	-	B	-	-	D	D	A	A	B	D	B
Red Line Oil	-	-	-	-	-	-	A	-	D	-	A	-	-	-	-	A	-	-	C	-	A	-	-	-	A
Resorcinol	-	-	-	-	-	-	-	-	B	-	A	-	-	D	-	-	-	D	D	A	A	-	D	-	-
RJ-1 (Mil-F-25558)	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	B	-	-	-	-	A	B
Rose Oil	-	-	-	A	-	-	-	-	-	A	A	-	-	-	-	-	-	-	C	-	A	-	A	-	A
Rosin	B	D	D	B	B	B	A	B	D	-	A	A	A	-	-	A	A	A	C	A	A	-	A	D	D
Rosin Oil	B	-	-	A	A	-	A	-	A	A	A	A	A	-	-	-	-	A	A	A	A	A	-	-	-
Rosin Paper Mill	A	-	D	A	-	B	-	-	A	-	A	-	A	-	-	A	-	-	A	A	A	-	A	D	D
Rotenone X	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	-	-	A	-	A	-	-	-	-
RP-1 (Mil-R-25576)	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	C	-	-	-	-	A	C
Rubber Latex Emulsions	A	-	-	A	-	-	-	-	-	A	-	A	A	-	-	-	-	-	-	-	A	-	-	-	-
Rubber Solvents	A	-	-	A	-	-	D	-	-	D	-	-	A	-	-	-	-	-	C	-	A	-	-	-	-
Rum	-	-	-	A	A	A	A	A	A	B	B	A	A	-	-	A	A	A	A	A	A	-	A	-	D
Rust Inhibitors	-	C	C	A	A	A	A	-	-	A	A	A	-	-	-	A	A	-	C	A	-	-	B	-	A
Sal Ammoniac	D	-	D	B	A	D	A	-	A	A	A	-	A	A	-	A	-	B	A	A	A	A	A	A	A
Sal Soda	D	-	A	A	-	-	A	-	A	A	A	-	A	-	-	A	A	-	A	-	A	-	B	-	-
Salad Dressings	B	D	D	A	A	A	A	-	D	A	D	A	-	D	-	D	D	A	D	A	-	-	A	-	D
Salicylaldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B	A	A	-	-	-
Salicylic Acid	B	A	D	B	B	D	B	A	A	B	A	B	A	-	-	A	A	A	D	B	A	A	A	A	-
Salt Brine	C	D	D	B	D	B	A	A	A	-	A	-	A	A	-	-	-	A	A	A	A	A	-	A	-
Salt Water	D	D	D	C	B	A	A	-	A	A	A	-	A	A	A	A	A	A	B	A	A	A	A	A	D
Sannic Fluorborate	D	-	D	-	-	C	-	-	-	-	A	-	-	-	-	A	-	-	A	-	-	-	-	-	-
Santo Safe 300	-	-	-	-	-	-	-	-	C	-	A	-	-	B	-	D	-	-	D	-	A	-	-	A	-
Sea Water	D	D	D	C	C	A	A	A	A	-	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A
Sea Water (Brine)	A	-	C	A	-	A	A	-	A	A	-	-	A	-	-	-	-	A	B	A	A	A	A	A	-
Sesame Seed Oil	A	A	A	A	A	D	A	-	-	A	A	A	-	-	-	A	A	-	D	A	A	A	B	-	-
Sewage	D	D	D	A	A	A	A	-	C	A	A	-	A	B	-	A	A	-	B	A	A	A	A	A	D
Shellac	A	A	A	A	A	B	-	-	A	-	A	-	A	D	-	A	A	A	D	A	A	-	A	D	D
Shellac (Bleached)	A	A	A	A	A	A	A	A	D	-	A	A	-	-	-	-	-	A	B	A	A	-	-	-	-
Shellac (Orange)	A	A	A	A	A	A	A	-	D	-	A	-	-	-	-	-	-	A	D	A	A	-	-	-	-
Silicate Esters	-	-	-	-	-	-	B	-	D	A	A	-	-	C	-	A	A	-	B	-	A	-	B	D	B
Silicone	B	A	A	A	A	A	A	A	A	-	A	A	-	A	-	-	-	A	A	A	A	A	-	-	-
Silicone Grease	-	-	-	-	-	A	A	-	A	-	A	A	-	A	-	A	A	-	A	-	A	-	B	A	A
Silicone Oil	B	A	B	A	A	A	A	A	A	A	A	A	A	B	-	A	A	A	D	A	A	A	C	A	A

SILICON TETRACHLORIDE WET TO SODIUM HEXAMETAPHOSPHATE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Silicone Tetrachloride Wet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver Bromide	D	D	D	D	D	C	-	-	-	-	-	-	A	-	-	-	-	-	-	-	A	-	-	-	-
Silver Chloride	D	D	D	D	D	-	-	-	-	-	-	-	-	-	-	-	D	-	-	B	A	-	-	-	-
Silver Cyanide	D	-	A	A	A	-	-	-	A	-	A	-	A	-	-	A	A	-	A	A	A	A	-	A	D
Silver Nitrate	D	C	D	B	B	A	C	A	A	A	A	B	A	D	-	B	C	A	A	B	A	A	A	A	A
Skydol 7000	-	-	-	A	-	A	-	-	A	-	B	-	A	D	-	D	-	-	D	-	A	-	B	-	D
Skydrol	-	-	-	-	-	-	D	-	A	-	D	-	-	B	-	-	-	C	D	-	A	-	A	-	-
Skydrol 500	-	-	-	A	-	A	D	-	A	-	D	D	A	C	-	D	D	C	D	-	A	-	B	-	D
Skydrol 7000	-	-	-	-	-	-	D	-	A	-	B	-	-	D	-	-	-	C	D	-	A	-	-	-	-
Skydrol Hydraulic Fluid	-	-	-	A	-	-	D	-	A	C	-	D	A	-	-	-	-	C	D	-	A	-	B	-	-
Soap Solutions	D	A	D	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A	B	A	A	A	A	A	A
Soda Ash	D	B	B	A	A	A	A	A	A	A	A	-	A	B	-	-	-	B	A	A	A	A	A	-	-
Sodium Acetate	B	B	D	B	B	B	C	-	A	D	D	A	A	-	-	-	-	B	C	A	A	A	A	A	-
Sodium Acid Sulfate	D	-	C	D	B	-	-	-	A	-	A	-	-	-	-	A	A	-	A	A	A	-	A	A	A
Sodium Aluminate	C	A	A	A	A	B	A	A	A	A	A	A	B	-	-	A	A	A	A	A	A	A	A	-	-
Sodium Aluminum Sulfate	D	-	D	D	A	-	-	-	A	-	A	-	B	-	-	A	A	-	A	-	A	-	A	-	A
Sodium Benzoate	A	-	-	-	-	-	B	B	A	-	A	B	A	-	-	-	-	B	A	A	A	A	-	A	-
Sodium Bicarbonate	D	C	C	A	B	D	A	A	A	A	A	A	B	B	-	A	A	B	A	A	A	A	A	A	A
Sodium Bichromate	C	-	C	B	B	D	-	-	A	-	A	-	C	-	-	A	B	D	A	A	A	A	A	A	A
Sodium Bisulfate	D	D	D	D	C	B	B	A	A	-	A	A	B	D	-	A	A	C	A	A	A	A	A	A	A
Sodium Bisulfite	D	D	D	C	B	D	C	A	A	A	A	A	B	D	-	A	A	D	A	A	A	A	A	A	A
Sodium Borate	C	-	C	C	B	C	A	-	A	A	A	-	A	B	-	-	-	A	A	A	A	A	A	A	-
Sodium Borate (Borax)	C	-	B	B	B	A	A	A	A	-	A	-	A	B	-	A	A	A	A	A	A	A	A	A	A
Sodium Bromide	D	C	C	C	C	A	-	B	A	-	A	-	B	-	-	-	-	B	A	A	A	A	A	A	-
Sodium Carbonate	D	B	B	A	A	A	A	A	A	-	A	A	A	B	-	A	A	B	A	A	A	A	A	A	A
Sodium Chlorate	C	-	B	B	B	B	B	A	A	A	A	A	B	-	-	A	A	D	B	A	A	A	A	A	A
Sodium Chloride	C	D	D	C	C	B	A	A	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A
Sodium Chromate	D	A	B	B	B	D	A	C	-	A	A	A	A	-	-	A	A	D	A	A	A	A	A	-	-
Sodium Citrate	-	-	-	B	-	-	-	-	-	-	-	-	B	-	-	-	D	-	-	-	A	-	A	A	-
Sodium Cyanide	D	A	B	A	B	C	A	A	A	A	A	A	A	B	-	A	A	B	A	A	A	A	A	A	A
Sodium Dichromate	-	-	-	-	-	-	-	-	A	A	B	-	-	B	-	A	A	D	B	A	A	A	A	A	B
Sodium Ferrocyanide	A	-	D	B	B	A	A	B	A	-	A	A	B	-	-	A	A	-	A	A	A	A	A	A	-
Sodium Fluoride	B	C	C	D	D	-	A	B	A	A	A	A	B	-	-	A	A	B	A	A	A	A	A	A	B
Sodium Hexametaphosphate	C	-	B	B	-	-	B	-	B	A	-	-	A	-	-	-	-	-	B	-	A	-	-	-	-

SODIUM HYDROSULFATE TO SODIUM THIOSULFATE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Sodium Hydrosulfate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-
Sodium Hydrosulfite	A	-	-	-	-	-	C	B	B	-	A	D	A	-	-	-	-	A	B	-	A	-	-	-	-
Sodium Hydroxide	D	-	B	A	-	D	B	-	A	D	-	-	B	-	-	-	-	C	B	A	A	A	A	A	-
Sodium Hydroxide (< 10%) (Caustic Soda)	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium Hydroxide (< 50%) (Caustic Soda)	-	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium Hydroxide (20%)	D	A	B	B	B	A	A	A	B	-	C	-	B	B	-	A	B	A	B	A	A	A	A	A	B
Sodium Hydroxide (50%)	D	D	D	B	B	A	D	A	B	-	D	-	C	C	-	D	D	A	C	A	A	C	A	A	B
Sodium Hydroxide (80%)	D	D	D	D	D	D	D	A	B	-	D	-	B	D	-	D	D	C	C	A	A	C	-	A	B
Sodium Hydroxide (Caustic Soda-Lye)	A	-	-	A	A	D	B	-	A	-	B	-	-	-	-	-	-	C	A	A	A	D	-	A	-
Sodium Hypochlorite	D	D	D	D	A	D	D	-	C	B	D	B	B	-	-	-	-	D	B	D	A	B	A	A	-
Sodium Hypochlorite (<20%)	D	D	D	C	C	D	C	A	B	-	C	-	A	C	-	D	D	D	D	B	A	A	B	A	D
Sodium Hypochlorite (100%)	D	D	D	D	D	D	D	B	B	-	A	-	B	D	-	-	-	D	C	B	A	A	-	-	-
Sodium Hyposulfate	D	D	D	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	C	-	A	-	-	-	-
Sodium Hyposulfite	D	D	D	D	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	-	-	-
Sodium Metaphosphate	D	D	D	D	D	B	B	B	A	A	A	A	A	-	-	-	-	A	C	D	A	A	A	A	-
Sodium Metasilicate	D	A	A	A	A	D	A	B	A	A	A	A	A	-	-	A	A	-	A	A	A	A	A	-	B
Sodium Nitrate	B	B	B	B	B	A	C	A	A	A	A	D	B	B	-	A	C	B	B	A	A	A	A	A	B
Sodium Nitrate Moten	B	-	D	B	A	D	-	-	-	-	-	-	-	-	-	-	-	D	-	D	D	D	-	D	-
Sodium Nitrite	A	-	A	A	-	-	A	-	-	A	-	-	A	-	-	-	-	-	D	A	A	A	-	A	-
Sodium Perborate	D	C	C	B	C	B	C	B	A	A	A	B	B	B	-	B	B	B	B	A	A	A	A	A	B
Sodium Peroxide	D	C	D	B	A	D	C	B	B	A	A	B	B	B	-	B	B	D	B	B	A	A	B	A	D
Sodium Phosphate	D	-	B	B	B	A	B	-	A	-	A	-	A	C	-	A	A	A	B	A	A	A	A	A	A
Sodium Phosphate (Dibasic)	D	-	D	A	-	A	-	-	A	-	A	-	-	B	-	A	B	-	B	A	A	A	A	-	A
Sodium Phosphate (Mono)	D	-	D	A	-	A	-	-	A	-	A	-	-	B	-	A	A	-	C	A	A	A	A	-	A
Sodium Phosphate (Tribasic)	D	-	D	B	-	A	B	-	A	A	A	B	A	B	-	A	B	B	C	A	A	A	A	A	A
Sodium Polyphosphate	D	D	D	B	B	B	A	B	A	-	A	A	A	-	-	-	-	A	D	A	A	A	-	-	-
Sodium Silicate (Water Glass)	C	B	B	A	B	C	A	A	A	A	A	A	B	B	-	A	A	A	A	A	A	A	A	A	B
Sodium Sulfate (Salt Cake)	B	B	B	B	B	B	A	A	A	A	A	A	B	B	-	A	A	A	B	A	A	A	A	A	A
Sodium Sulfide	D	C	D	B	D	B	A	A	A	A	A	A	B	B	-	A	A	C	A	B	A	A	A	A	A
Sodium Sulfide - Saturated	D	-	B	B	-	A	-	-	B	-	B	-	A	B	-	A	A	-	A	A	A	A	A	A	A
Sodium Sulfite	D	A	D	D	B	A	A	A	A	A	A	A	B	B	-	A	A	D	A	B	A	A	A	A	A
Sodium Tetraborate	C	-	B	A	A	C	A	A	A	B	A	A	B	B	-	A	B	B	B	A	A	A	A	A	B
Sodium Tetraphosphate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-
Sodium Thiosulfate	D	C	D	B	B	C	B	A	A	A	A	A	B	-	-	-	A	B	A	A	A	A	A	A	-

SODIUM THIOSULPHATE TO SULFUR DIOXIDE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Sodium Thiosulphate	B	-	C	-	A	-	B	-	-	-	A	-	A	-	-	-	-	B	A	A	A	A	-	-	-
Sodium Triphosphate	B	-	C	A	-	C	-	-	A	-	A	-	A	B	-	A	-	-	A	A	A	A	-	-	A
Sorghum	A	A	A	A	A	A	A	-	A	-	A	A	A	-	-	A	A	A	A	A	-	A	A	-	-
Soy Sauce	A	D	D	D	D	A	A	-	A	-	A	-	D	-	-	A	A	A	A	A	A	-	A	-	B
Soybean Oil	B	A	A	A	A	B	A	C	D	A	A	A	A	B	-	A	A	B	D	B	A	B	C	A	B
Spelly, Solvent B,C,E	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	D	-	A	-	-	-	-
Spry	-	-	-	-	-	-	-	-	B	-	A	-	-	-	-	A	-	-	B	-	-	-	-	A	A
SR-10 Fuel	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	D	-	-	-	-	A	B
SR-6 Fuel	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	-	-	D	-	-	-	-	A	B
Stannic Chloride	D	D	D	D	D	C	A	C	A	-	A	-	B	B	-	A	A	D	D	A	A	A	A	A	B
Stannic Chloride (Tin Chloride)	D	-	C	A	-	-	A	-	B	A	-	A	B	-	-	-	-	B	B	A	A	A	A	-	-
Stannic Fluoborate	D	D	D	-	A	C	A	-	-	-	A	A	-	-	-	-	-	-	A	-	-	-	-	-	-
Stannous Chloride	D	A	B	C	A	-	A	A	C	A	A	A	B	C	-	A	A	D	A	A	A	A	B	-	C
Starch	B	C	D	B	B	B	A	A	B	C	A	A	A	B	A	A	A	A	A	A	A	-	A	A	A
Steam	-	-	-	-	-	A	D	-	A	-	D	-	-	D	-	-	-	A	C	A	A	A	-	A	-
Steam 220°F-300°F	A	-	A	-	A	-	D	-	-	-	D	-	-	-	-	-	-	D	D	-	D	-	-	-	-
Steam To 200°F	A	-	A	-	A	-	C	-	-	-	D	-	-	-	-	-	-	D	C	-	D	-	-	-	-
Stearic Acid	C	C	C	B	B	C	C	C	B	A	A	B	B	C	-	B	B	A	B	B	A	A	B	A	A
Stoddard Solvent	A	A	A	A	A	A	B	-	D	-	A	B	D	C	A	A	B	A	D	C	A	D	D	-	A
Styrene	A	A	B	A	A	A	D	D	D	A	B	D	D	D	-	D	D	B	D	D	A	B	C	A	D
Sucrose Solution	A	-	B	A	-	A	A	-	A	A	A	-	A	B	-	A	A	A	B	-	A	-	A	A	A
Sufuric Acid (98%) (66° Baume)	-	-	-	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	-	-
Sugar (Liquids)	A	-	A	A	A	B	A	A	A	-	A	A	A	B	A	A	A	A	B	A	A	A	A	A	D
Sulfamic Acid	A	-	-	D	-	D	B	-	-	-	-	-	D	-	-	-	-	D	A	-	A	-	-	-	-
Sulfate (Liquors)	D	C	C	B	B	D	A	B	A	-	A	-	B	-	-	-	-	B	B	A	A	A	-	-	-
Sulfate Liquor Black	B	-	C	B	B	D	-	-	A	-	A	-	A	D	-	B	B	C	A	A	A	A	A	A	A
Sulfate Liquor Green	B	-	C	A	-	D	-	-	A	-	A	-	A	D	-	B	B	B	A	A	A	A	A	A	A
Sulfate Liquors	B	-	C	-	C	-	-	-	-	-	-	-	A	-	-	-	-	B	C	A	-	A	-	-	-
Sulfinol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	-	-	-
Sulfite Liquor	D	-	D	B	B	A	B	-	B	B	A	-	A	-	-	B	B	-	B	B	A	-	A	A	C
Sulfolane	D	D	D	D	B	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	A	-	-	-	-
Sulfur	D	D	D	D	D	A	D	-	D	A	A	-	B	-	-	B	B	A	B	B	A	A	A	A	B
Sulfur Chloride	D	D	D	D	D	D	D	-	D	A	A	D	B	C	-	D	D	A	D	D	A	A	D	C	C
Sulfur Dioxide	D	-	D	D	A	D	D	C	B	A	D	D	C	D	-	D	D	C	B	A	A	A	A	A	C

SULFUR DIOXIDE (DRY) TO SULFURYL CHLORIDE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Sulfur Dioxide (dry)	B	A	A	D	A	B	D	-	A	-	A	-	B	C	-	-	-	B	D	A	A	A	-	-	-
Sulfur Dioxide Gas Dry	D	-	B	A	A	B	D	-	A	-	A	-	-	D	-	-	-	B	D	C	A	A	-	A	-
Sulfur Dioxide Gas Wet	-	-	-	-	-	C	D	-	A	-	A	-	-	D	-	-	-	C	B	D	A	A	-	A	-
Sulfur Hexafluoride	D	-	D	-	-	D	B	B	B	A	C	B	D	B	-	B	C	B	B	-	A	-	B	A	B
Sulfur Molten	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	D	-	D	A	-	-	D	-
Sulfur Trioxide	D	B	D	B	C	-	D	D	C	A	A	D	B	D	-	D	D	D	D	D	A	D	D	C	C
Sulfur Trioxide (dry)	A	A	A	D	C	D	D	-	C	-	A	-	B	-	-	-	-	A	D	D	A	D	-	-	-
Sulfuric Acid - (To 75%)	D	-	D	C	-	D	-	-	C	-	A	-	A	B	-	D	D	-	D	A	A	A	A	-	D
Sulfuric Acid - 10%	D	-	D	A	-	D	B	-	A	A	A	-	A	D	-	-	-	D	A	A	A	A	A	D	-
Sulfuric Acid - 25%	D	-	D	B	-	D	C	-	B	A	A	-	A	D	-	-	-	D	B	A	A	A	A	D	-
Sulfuric Acid - 50%	D	-	D	D	-	D	C	-	B	A	A	-	A	D	-	-	-	D	B	A	A	A	A	D	-
Sulfuric Acid - 60%	D	-	D	D	-	D	D	-	C	A	A	-	A	D	-	-	-	D	C	A	A	A	A	D	-
Sulfuric Acid - 75%	D	-	C	C	-	D	D	-	C	A	A	-	A	D	-	-	-	D	D	A	A	A	C	D	-
Sulfuric Acid - 95%	D	-	B	A	-	D	D	-	C	A	A	-	A	D	-	-	-	D	D	D	A	A	C	D	-
Sulfuric Acid - Concentrated	-	-	-	-	-	D	D	-	D	-	A	-	-	D	-	-	-	D	D	B	A	A	D	D	-
Sulfuric Acid (<10%)	D	C	D	D	C	D	D	A	A	-	A	B	B	A	-	D	D	C	D	A	A	A	A	A	D
Sulfuric Acid (10-75%)	D	D	D	D	D	D	D	B	B	-	A	D	B	-	-	-	-	D	D	A	A	A	-	-	-
Sulfuric Acid (20% Oleum)	D	-	D	-	-	-	D	-	-	-	B	-	-	-	-	-	-	D	D	D	A	-	-	-	-
Sulfuric Acid (75-100%)	D	D	D	C	D	-	C	C	B	-	A	-	B	C	-	-	-	D	D	C	A	A	-	-	-
Sulfuric Acid (cold concentrated)	B	D	D	C	B	-	D	C	C	-	B	-	A	B	-	-	-	D	D	A	A	A	-	-	-
Sulfuric Acid (Conc.)	-	-	D	B	-	D	D	-	C	A	-	-	B	-	-	-	-	D	D	A	A	A	B	-	-
Sulfuric Acid (Concentrated To 98%)	D	-	D	-	B	-	D	-	-	-	A	-	-	-	-	-	-	D	D	C	A	A	-	-	-
Sulfuric Acid (Concentrated)	D	-	D	C	-	D	-	-	C	-	A	-	B	C	-	D	D	-	D	C	A	A	B	-	D
Sulfuric Acid (Dilute)	D	-	D	-	B	-	D	-	-	-	A	-	-	-	-	-	-	C	C	A	A	A	-	-	-
Sulfuric Acid (Fuming)	C	-	D	C	-	D	D	-	D	-	A	-	D	D	-	D	D	D	D	D	A	D	D	D	D
Sulfuric Acid (hot concentrated)	D	D	D	D	C	-	D	D	D	-	A	-	D	-	-	-	-	D	D	D	A	C	-	-	-
Sulfuric Acid Aerated	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	D	-	C	A	D	-	D	-
Sulfuric Acid Air Free	-	-	-	-	-	D	-	-	-	-	-	-	-	D	-	-	-	D	-	C	A	D	A	D	-
Sulfuric Acid Boiling	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	D	-	D	A	D	-	D	-
Sulfuric Acid -Dilute	D	-	D	B	-	D	-	-	A	-	A	-	A	A	-	D	D	-	C	A	A	A	A	A	C
Sulfuric Acid Fuming Oleum	B	D	D	B	B	D	D	-	D	-	A	-	-	D	-	-	-	D	D	D	A	D	-	D	-
Sulfurous Acid	D	D	D	D	B	D	C	A	B	-	A	A	B	C	-	-	-	D	C	A	A	A	-	A	-
Sulfurous Acid	B	-	D	B	-	D	B	-	C	A	-	-	B	-	-	-	-	D	D	A	A	A	A	A	-
Sulfuryl Chloride	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-

SULPHUROUS ACID TO THIONYL CHLORIDE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Sulphurous Acid	D	-	D	B	-	D	-	-	D	-	D	-	B	D	-	D	D	-	D	A	A	A	-	A	D
Sunsafe (Fire Resist. Hydr. Fluid)	-	-	-	-	-	-	-	-	D	-	A	-	-	A	-	A	B	-	B	-	A	-	D	-	D
Syrup	A	-	-	A	A	A	A	-	A	-	A	-	-	-	-	A	A	-	B	A	-	-	A	-	-
Tall Oil	D	-	C	D	B	A	A	-	D	-	A	-	B	-	-	A	A	-	D	B	A	A	D	A	A
Tallow	A	-	C	A	A	C	A	C	A	A	A	B	-	-	-	A	B	A	D	B	A	-	B	A	A
Tannic Acid	D	C	D	B	A	D	C	A	C	A	A	D	B	B	-	A	A	D	B	A	A	B	A	A	A
Tannin	-	-	-	-	-	A	A	-	-	-	-	-	-	-	-	-	-	A	A	-	A	-	-	-	-
Tanning Liquors	C	-	-	A	A	D	C	B	B	-	A	B	B	-	-	A	-	A	D	B	A	A	A	A	-
Tar And Tar Oil	A	A	C	B	A	A	-	-	C	-	A	-	-	C	-	-	-	C	C	A	A	A	-	C	D
Tar, Bituminous	A	A	B	A	B	A	B	-	D	A	A	-	A	B	-	B	B	C	D	A	A	-	B	-	B
Tartaric Acid	D	D	D	C	C	D	B	A	C	A	A	A	B	C	-	A	B	B	B	A	A	B	A	A	A
Terpene Monocylic	A	-	D	-	-	-	-	-	D	-	A	-	-	-	-	C	-	-	A	-	A	-	-	-	-
Terpenes C10	A	-	D	-	-	-	C	-	D	A	-	-	-	-	-	-	-	-	D	-	A	-	-	A	-
Terpineol	A	-	A	A	A	-	C	-	C	A	A	D	A	-	-	B	D	-	D	D	A	B	B	-	B
Terta Bromoethane	D	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	D	-	D	D	A	-	D	-	-
Tertiary Butyl Alcohol	-	-	-	-	-	A	A	-	B	B	B	-	-	B	-	A	-	-	A	B	B	-	D	-	B
Tertiary Butyl Catechol	C	-	B	B	B	-	D	-	-	A	A	-	-	-	-	-	-	-	B	-	A	-	B	-	-
Tertiary Butyl Mercaptan	-	-	-	-	-	-	D	-	A	A	A	-	-	D	-	-	B	-	D	B	D	-	B	-	D
Tetra Bromomethane	D	-	-	-	-	-	D	-	-	A	A	D	-	-	-	-	-	-	D	D	A	-	D	-	-
Tetra Ethyl Lead	A	-	A	A	A	-	B	-	D	-	A	-	-	-	-	-	-	-	B	D	A	A	-	-	-
Tetrabutyl Titanate	-	-	-	-	-	-	B	-	B	A	A	-	-	-	-	B	-	-	B	-	A	-	B	-	-
Tetrachloroacetic Acid	D	-	D	D	D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	B	-	-	-
Tetrachlorodifluorethane	-	-	-	-	-	-	-	-	D	-	-	-	-	-	-	B	D	-	D	-	A	-	D	-	-
Tetrachlorodifluoroethane	-	-	-	-	-	-	D	-	-	-	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-
Tetrachloroethane	D	A	B	C	A	A	D	D	D	A	A	D	A	-	-	-	-	C	D	D	A	A	D	-	-
Tetrachloroethylene	D	A	A	A	B	A	D	D	D	-	A	D	-	-	-	D	D	D	D	D	A	A	D	B	D
Tetraethyl Lead	B	-	A	A	-	-	B	-	D	B	A	-	-	B	-	B	B	-	D	A	A	A	C	C	B
Tetraethylene Glycol	-	-	-	-	-	-	A	-	-	A	A	-	-	-	-	A	-	-	-	-	A	-	-	-	-
Tetrahydrofuran	D	-	A	A	A	A	D	D	D	D	D	D	A	C	-	D	D	A	D	C	A	C	D	B	D
Tetrahydronaphthalene	A	-	A	A	-	-	D	-	D	A	-	-	A	-	-	-	-	A	D	D	A	-	-	D	-
Tetralin	A	-	A	A	A	-	D	-	D	-	A	-	A	-	-	D	D	-	D	D	A	-	C	-	D
Tetraphosphoric Acid	D	-	D	B	B	D	-	-	-	-	-	-	-	-	-	-	-	B	-	-	A	A	-	-	-
Thiokol TP-90B	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	D	-	-	B	-	-	-	-	-	-
Thionyl Chloride	D	-	D	D	D	B	D	-	D	B	B	D	A	-	-	-	-	D	D	D	A	D	B	D	-

THIOPHENE TO TRICHLOROPROPANE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Thiophene	-	-	-	-	-	-	D	-	D	C	C	-	-	-	-	D	D	-	D	-	A	-	D	-	-
Tin Molten	D	-	-	C	C	D	D	-	D	-	D	-	-	-	D	-	-	D	D	D	D	D	-	D	-
Tin Salts	D	-	-	-	D	-	A	A	B	-	A	A	C	-	-	-	-	-	-	A	A	A	-	-	-
Tin Tetrachloride	D	-	D	D	D	-	-	-	-	-	-	-	A	-	-	A	A	D	D	A	A	A	-	-	B
Titanium Tetrachloride	D	-	B	B	B	-	C	-	D	A	A	D	B	-	-	B	C	A	D	D	A	B	D	C	D
Toluene	A	-	A	-	A	-	C	-	-	-	A	-	A	-	-	-	-	A	D	D	A	A	-	-	-
Toluene (Toluol)	A	A	A	A	A	C	D	D	D	B	C	D	A	C	-	D	C	A	D	D	A	A	D	D	D
Toluene At 70°	A	-	A	A	A	C	D	-	D	-	A	-	-	C	-	-	-	A	D	D	A	B	D	CA	-
Toluene Diisocyanate	-	-	-	-	-	C	-	-	A	-	C	B	-	B	-	D	-	-	D	-	A	-	B	-	-
Toluene, Toluol	A	-	A	-	A	-	D	-	-	-	A	-	-	-	-	-	-	A	D	B	A	A	-	-	-
Toluidine	A	-	A	A	-	-	D	-	-	B	B	D	A	-	-	D	-	-	-	-	A	-	-	-	-
Tomato Juice	A	-	D	A	A	B	A	-	A	-	A	A	-	-	-	-	-	A	A	A	A	A	-	A	-
Tomato Pulp & Juice	B	-	-	A	A	B	A	-	A	-	A	-	A	-	-	A	A	B	A	A	A	A	A	A	A
Toothpaste	-	-	D	A	-	-	A	-	-	A	-	-	A	-	-	-	-	-	C	-	A	-	-	-	-
TP-95	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	D	-	-	B	-	-	-	-	-	-
Transformer Oil	A	-	B	A	A	C	B	-	D	A	A	B	A	-	-	A	B	A	C	D	A	A	D	A	A
Transmission Fluid (Type A)	A	A	A	A	A	A	A	-	D	A	A	A	A	B	-	A	-	-	C	-	A	-	C	-	A
Triacetin	B	-	-	-	-	-	A	-	A	D	D	A	-	-	-	B	-	-	B	-	A	-	A	-	D
Triaryl Phosphate	-	-	-	-	-	-	D	-	A	A	A	-	-	-	-	D	D	A	D	B	A	A	-	A	D
Tributoxy Ethyl Phosphate	-	-	-	-	-	-	D	-	-	-	B	-	-	-	-	-	-	-	D	-	A	-	-	-	-
Tributoxyl Ethyl Phosphate	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	D	-	-	D	-	A	-	B	A	D
Tributyl Citrate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C	A	-	-	-	-
Tributyl Mercaptan	-	-	-	-	-	-	D	-	D	-	A	-	-	-	-	D	-	-	D	-	A	-	B	A	-
Tributyl Phosphate	A	-	B	A	A	-	D	-	C	D	D	D	-	C	-	D	D	B	D	D	A	A	B	D	D
Tributyoxyl Ethyl Phosphate	-	-	-	-	-	-	D	-	A	B	-	-	-	-	-	-	-	-	D	-	A	-	B	-	-
Trichloracetic Acid	D	-	D	D	-	D	-	-	B	-	D	-	B	D	-	D	D	-	D	B	A	A	B	-	D
Trichlorethylene	D	-	C	-	A	-	D	-	-	-	A	-	A	-	-	-	-	A	D	B	A	A	-	-	-
Trichloroacetic Acid	D	D	D	D	D	-	C	-	C	B	C	D	B	D	-	-	-	D	D	B	A	B	B	C	-
Trichlorobenzenes	D	-	A	A	-	-	D	-	-	B	A	D	B	-	-	D	-	-	D	-	A	-	-	-	D
Trichloroethane	D	B	B	B	B	A	D	D	D	B	A	D	A	D	-	D	D	D	D	D	A	B	D	D	D
Trichloroethylene	D	C	C	B	B	D	D	D	D	C	A	D	A	D	-	-	-	D	D	D	A	D	D	CA	-
Trichloroethylene (Triad)	B	-	B	B	-	B	-	-	D	-	C	-	B	D	-	D	D	-	D	C	A	A	D	-	D
Trichloromonofluoroethane (Freon 17)	A	-	-	A	A	-	-	-	-	-	-	-	A	-	-	D	D	A	D	-	A	-	-	-	-
Trichloropropane	D	A	A	A	A	A	D	-	-	B	A	D	A	-	-	A	D	-	A	D	A	-	D	-	A

TRICHLOROTRIFLUOROETHANE (FREON 113) TO UNSYMMETRICAL DIMETHYL HYDRAZINE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Trichlorotrifluoroethane (Freon 113)	A	-	D	A	A	-	-	-	D	-	A	-	A	A	-	A	A	A	A	A	A	A	D	-	B
Tricresyl Alcohol (Tridecanol)	-	-	-	-	-	-	A	-	-	B	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-
Tricresyl Phosphate	D	-	A	B	B	C	D	-	A	C	A	-	A	C	-	D	D	A	C	B	A	D	B	A	D
Tricresylphosphate	D	B	B	B	B	C	D	D	A	-	B	D	A	-	-	-	-	A	D	B	A	D	-	-	-
Tridecyl Alcohol (Tridecanol)	-	-	-	-	-	-	-	-	-	-	B	-	-	-	-	A	-	-	-	-	A	-	-	-	B
Triethanol Amine	B	-	A	A	A	B	D	-	B	C	D	D	A	C	-	C	D	A	B	A	A	D	A	A	D
Triethanolamine	B	-	A	A	A	B	B	-	A	-	D	-	-	D	-	-	-	A	A	D	A	D	-	A	-
Triethyl Aluminum	-	-	-	-	-	-	D	-	-	B	B	-	-	D	-	D	-	-	D	-	A	-	B	-	-
Triethyl Amine	-	-	A	A	-	A	A	-	A	-	A	-	A	-	-	A	D	-	B	C	A	A	D	-	D
Triethyl Borane	-	-	-	-	-	-	D	-	-	A	A	-	-	-	-	D	-	-	D	-	A	-	B	-	-
Triethyl Phosphate	A	-	A	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	D	-	-	-
Triethylamine	-	A	A	A	A	D	C	-	A	-	D	A	-	-	-	-	-	A	B	D	A	B	-	-	-
Triethylene Glycol	-	-	-	-	-	-	A	-	-	A	A	-	-	-	-	A	A	A	-	A	A	-	-	A	-
Trifluoroethane	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	D	-	-	D	-	A	-	-	-	D
Trimethylene Glycol	A	-	A	A	-	-	A	-	A	A	A	A	A	-	-	A	-	-	-	-	A	-	-	-	-
Trinitrotoluene (TNT)	-	-	-	-	-	-	D	-	D	C	C	-	-	-	-	D	-	-	B	-	A	-	A	-	-
Trioctyl Phosphate	-	-	-	-	-	-	D	-	A	B	B	-	-	-	-	D	-	-	D	-	A	-	B	-	D
Triphenyl Phosphate	-	-	-	-	-	-	-	-	-	-	C	-	-	-	-	D	D	-	-	-	A	-	-	-	-
Triphenyl Phosphite	A	-	C	A	A	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	A	-	-	-	-
Tripropylene Glycol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	-	-	B	-
Trisodium Phosphate	D	-	A	B	B	D	A	-	A	-	A	A	A	A	-	A	A	B	A	A	A	A	A	A	B
Tung Oil	A	A	B	A	B	A	A	-	D	-	B	A	A	B	-	A	D	-	B	A	A	A	B	A	C
Turbine Oil	A	A	A	A	A	A	B	D	D	-	A	B	-	-	-	B	-	A	D	B	A	A	-	-	A
Turbine Oil #15 (Mil-L-7808A)	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	-	-	D	-	A	-	-	-	D
Turbo Oil #35	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	B	-	-	-	-	-	A
Turpentine	A	-	B	A	A	A	A	D	D	A	A	A	B	B	-	A	B	B	D	D	A	A	D	D	D
Type 1 Fuel (Mil-S-3136)	-	-	-	-	-	-	-	-	D	-	A	-	-	A	-	A	-	-	A	-	A	-	D	-	B
Type 11 Fuel (Mil-S-3136)	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	B	-	-	D	-	A	-	D	-	B
Type 111 (Fuel Mil-S-3136)	-	-	-	-	-	-	-	-	D	-	A	-	-	A	-	B	-	-	D	-	A	-	D	-	B
Undecyl Alcohol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B	A	-	-	-	-
Univis 40 (Hydr. Fluid)	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	B	-	A	-	D	-	A
Univolt #35 (Mineral Oil)	-	-	-	-	-	-	-	-	D	-	A	-	-	-	-	A	-	-	B	-	A	-	C	-	A
Unleaded Gasoline	A	-	A	-	A	-	D	-	-	-	A	-	A	-	-	-	-	A	D	D	A	C	-	-	-
Unsymmetrical Dimethyl Hydrazine	B	-	A	A	-	-	C	-	A	D	D	-	-	-	-	B	-	-	C	-	A	A	B	-	D

UREA TO WHITE LIQUOR (PULP MILL)

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																			
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
Urea	B	-	B	B	B	A	B	-	A	A	A	B	B	B	-	B	B	C	B	A	A	A	A	A	B
Uric Acid	D	D	D	B	B	D	-	-	-	-	-	-	B	D	-	-	-	A	A	D	A	D	A	-	D
Urine	B	A	B	A	A	C	A	-	A	A	A	A	A	-	-	A	A	B	D	A	A	A	A	A	-
Valeric Acid	A	-	-	-	-	-	D	-	A	-	-	D	-	-	-	D	-	-	D	-	A	-	-	-	-
Vanilla Extract	-	-	-	A	A	-	A	-	-	D	D	A	-	-	-	A	-	-	D	-	A	-	A	A	-
Varnish	A	C	C	A	A	A	B	D	D	A	A	B	A	-	A	B	B	D	D	A	A	A	D	A	B
Vegetable Juice	D	D	D	A	A	A	A	-	A	-	A	A	-	-	-	A	-	A	D	-	D	-	A	-	B
Vegetable Oil	B	B	B	A	A	A	B	-	D	A	A	B	A	-	A	A	A	A	D	D	A	A	B	D	A
Vegetable Oil (Hot)	A	B	B	B	B	-	-	-	-	-	-	-	-	-	A	-	-	A	-	-	A	-	-	-	-
Versilube	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	-	-	A	-	A	-	-	A	A
Versilube F-50	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	-	-	A	-	A	-	-	A	A
Vinegar	D	D	D	B	A	C	C	A	A	A	A	D	A	C	A	B	B	D	B	A	A	B	A	A	B
Vinyl Acetate	B	B	C	B	B	-	D	A	B	D	A	D	A	-	-	D	D	-	D	D	A	A	B	D	D
Vinyl Chloride	D	B	B	B	A	-	D	-	D	-	A	D	A	-	-	D	-	A	D	D	A	B	-	-	-
Vinyl Chloride	D	-	A	A	-	-	D	-	C	A	-	-	A	-	-	-	-	A	D	D	A	B	D	-	-
Vinylidine Chloride	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	D	A	B	-	-	-
Walnut Oil	-	-	-	-	-	-	A	-	-	A	A	-	-	-	-	A	-	-	B	-	A	-	-	-	-
Water	A	D	D	A	A	A	A	-	A	-	A	-	-	A	-	-	-	-	A	B	A	-	A	-	-
Water, Acid Mine	D	D	D	B	B	A	A	-	A	-	A	A	A	-	-	A	A	A	C	B	A	A	A	A	C
Water, Boiler Feed	D	-	B	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water, Brackish	D	-	-	A	A	-	-	-	-	-	-	-	-	-	-	-	-	B	-	-	A	-	-	-	-
Water, Deionized	A	D	D	A	A	-	A	A	A	-	A	A	A	-	-	-	-	A	A	A	A	A	-	-	-
Water, Demineralized	-	-	-	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water, Distilled	B	D	D	A	A	B	A	-	A	A	A	A	A	-	A	A	A	A	C	B	A	A	A	A	A
Water, Fresh	B	D	D	A	A	A	A	-	A	A	B	A	A	A	A	A	A	B	B	A	A	A	A	A	A
Water, Salt	D	D	D	C	C	A	B	-	A	-	A	-	A	A	A	A	A	A	B	A	A	A	A	A	B
Water-Brine, Process, Beverage	-	D	D	B	B	A	A	-	A	-	A	-	-	-	-	A	-	-	A	-	D	-	A	A	D
Waxes	D	-	D	D	A	A	A	-	D	-	A	-	A	-	-	A	D	A	A	D	A	D	-	A	A
Weed Killers	D	-	-	A	A	A	B	-	-	A	A	B	-	-	-	-	-	A	C	-	-	-	B	-	-
Wemco C	-	-	-	A	-	A	-	-	D	-	A	-	-	-	-	A	-	-	B	-	A	-	-	-	A
Whey	B	-	-	A	A	A	A	-	-	-	A	A	-	-	-	A	A	-	-	-	A	-	A	-	-
Whiskey	C	-	D	A	A	B	A	-	A	-	A	-	-	B	-	-	-	A	A	A	A	A	-	A	-
Whiskey & Wines	D	D	D	A	A	B	B	A	A	A	A	A	A	B	-	A	A	A	C	A	A	A	A	A	D
White Liquor (Pulp Mill)	B	C	C	B	A	D	A	-	A	-	A	-	A	-	-	A	A	A	A	A	A	A	A	-	D

WHITE PINE OIL TO ZINC SULFATE

CHEMICALS	METALS					PLASTICS, ELASTOMERS & LEATHER																		
A: Excellent, B: Good, C: Fair to Poor, D: Not recommended - No Data	Aluminum	Carbon Steel	Cast/Ductile Iron	304 Stainless Steel	316 Stainless Steel	Acetal	Buna	CSM (Hypalon)	EPR, EPDM	Fluorocarbon	Fluoroelastomer (FKM)	Geolast (Buna & Polypropylene)	Hastelloy C	TPE	Leather	Nitrile (TS)	Nitrile (TPE)	Nylon	Polychloroprene	Polypropylene	PTFE	PVDF	Santoprene (EPDM & Polypropylene)	UHMWPE	Urethane
White Pine Oil	-	-	-	A	-	A	B	-	D	A	A	-	A	D	-	B	-	-	D	-	A	-	C	A	A
White Spirit	-	-	-	-	A	A	-	-	-	-	-	-	-	A	-	-	-	A	-	A	A	A	D	C	-
White Sulfate Liquor	B	-	C	A	-	-	B	-	A	B	-	-	B	-	-	-	-	-	A	A	A	A	-	-	-
White Water (Paper Mill)	-	A	A	A	A	B	-	-	-	-	A	-	-	-	-	-	-	A	A	A	-	-	-	-	-
Wine	C	-	D	A	A	B	A	-	A	B	-	-	A	B	-	-	-	B	A	A	A	A	A	A	-
Wolmar Salt	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	-	-	B	-	A	-	-	-	A
Wood Alcohol	-	-	-	-	-	-	-	-	A	-	D	-	-	-	-	A	-	-	A	-	A	-	-	A	D
Wood Oil	A	-	A	A	-	-	-	-	D	-	A	-	-	A	-	A	-	-	B	-	A	-	-	A	C
Wood Pulp	C	-	C	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-
Wort, Distillery	A	-	B	A	-	-	-	-	A	A	A	-	A	-	-	A	-	-	B	-	A	-	-	-	B
Xylene	B	B	B	B	B	B	D	D	D	A	B	D	A	C	-	D	C	A	D	D	A	A	D	D	D
Xylidines (Xylidin)	B	-	B	-	-	-	-	-	D	D	-	-	-	-	-	-	-	-	D	-	A	-	C	-	-
Zeolite	-	-	-	A	-	-	C	-	A	A	A	-	A	-	-	C	-	-	C	-	A	-	A	-	-
Zinc Acetate	C	-	-	A	-	-	C	-	A	D	B	A	-	-	-	B	B	-	B	A	A	A	A	A	D
Zinc Carbonate	B	-	B	B	B	-	A	-	A	A	A	A	B	-	-	A	A	-	A	-	A	-	A	A	A
Zinc Chloride	D	D	D	D	D	D	B	A	A	A	A	A	B	B	-	A	A	C	B	A	A	A	A	A	A
Zinc Cyanide	-	-	-	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	-	-	-	-
Zinc Hydrosulfite	D	D	D	A	A	C	A	-	A	A	-	A	-	-	-	A	A	A	A	-	A	A	A	-	-
Zinc Molten	D	-	D	D	D	D	-	-	-	-	-	-	-	-	-	-	-	D	-	D	D	D	-	D	-
Zinc Nitrate	-	-	-	A	A	-	-	-	-	-	-	-	-	-	-	-	-	A	-	A	A	A	-	-	-
Zinc Salts	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	A	A	-	A	A	A	A	A	-	A
Zinc Stearate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	A	-	-	-	-
Zinc Sulfate	D	D	D	B	A	C	A	A	A	B	A	A	B	D	-	A	A	C	A	A	A	A	A	A	A