Dura Trench
manufactured by Eric*sons

CHEMICAL RESISTANCE GUIDE

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CHEMICALS	CONCENTRATION	POLYMERS MAX TEMPERATURE (°F)		PLASTICS MAX TEMPERATURE (°F)						METALS						
		GFRPC POLYESTER	GFRPC VINYL ESTER	ABS	CPVC	PP	PVC	HDPE	ALUMINUM	BRONZE	BRASS	GRAY IRON	DUCTILE IRON	CARBON STEEL	304 STAINLESS	316 STAINLESS
A																
Acetaldehyde CH_3CHO	Conc.	NR	NR	X	NR	140	NR	B	B	NR	NR	B	B	A	A	A
Acetamide CH_3CONH_2		X	X	X	X	X	X	X	X	A	X	A	A	B	B	A
Acedic Acid CH_3COOH	25%	125	180	NR	180	180	140	B	X	NR	NR	NR	NR	NR	B	A
Acedic Acid CH_3COOH	50%	60	160	NR	X	120	73	B	X	NR	NR	NR	NR	NR	B	A
Acedic Acid CH_3COOH	85%	NR	NR	NR	NR	120	73	B	X	NR	NR	NR	NR	NR	B	A
Acedic Acid CH_3COOH	Glacial	NR	NR	NR	NR	120	73	B	B	NR	NR	NR	NR	NR	B	A
Acetic Anhydride CH_3CO_2O		NR	NR	NR	NR	73	NR	A	B	NR	NR	NR	NR	NR	A	B
Acetone CH_3COCH_3		NR	180 TO 10% 60 TO 80%	NR	NR	B	NR	B	A	A	A	A	A	A	A	A
Acetophenone $C_6H_5COCH_3$		X	NR	X	X	X	X	X	X	NR	NR	NR	NR	NR	X	NR
Acetyl Chloride CH_3COCl		NR	NR	NR	NR	X	NR	X	X	A	A	NR	NR	A	B	A
Acetylene	Gas 100%	X	X	73	NR	73	NR	X	A	NR	NR	A	A	A	A	A
Acrylic Acid	<25%	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Acrylic Latex		X	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Acrylonitrile $H_2C=CHCN$		NR	NR	X	NR	X	C	X	B	A	A	A	A	A	A	A
Adipic Acid $COOH(CH_2)_4COOH$	Sat'd	85	160	X	180	140	140	X	X	X	X	NR	NR	B	X	B to 200
Alkyl Benzend Sulfonic Acid	92%	NR	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Alkyl Benzene	100%	80	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Allyl Alcohol $CH_2=CHCH_2OH$	96%	NR	NR	X	NR	140	B to 73	X	X	A	A	A	A	A	X	A
Allyl Chloride $CH_2=CHCH_2CL$		NR	60	X	NR	X	NR	X	X	X	X	X	X	NR	X	X
Alpha Methyl Styrene		NR	70	X	X	X	X	X	X	X	X	X	X	X	X	X
Alpha Olefin Sulfates	100%	X	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Alum	all	150	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Aluminum Acetate $AL(C_2H_4O_2)_3$	Sat'd	X	NR	X	X	X	X	X	X	NR	X	X	NR	X	X	A
Aluminum Ammonium Sulfate (Alum) $AINH_4(SO_4)12H_2O$	Sat'd	X	NR	X	180	140	140	X	X	B	B	X	X	NR	X	A
Aluminum Chloride (Aqueous) $ALCL_3$	Sat'd	120	210	160	180	180	140	B	NR	NR	NR	NR	NR	NR	NR	A
Aluminum Chlorohydrate	all	X	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Aluminum Chlorohydroxide	50%	X	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Aluminum Citrate	all	X	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Aluminum Fluoride ALF_3	Sat'd	NR	80	160	180	180	73	B	X	NR	NR	NR	NR	NR	NR	B
Aluminum Hydroxide $AL(OH)_3$	Sat'd	NR	180	160	180	180	140	X	A	NR	NR	B	B	NR	A	A

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Aluminum Nitrate $AL(NO_3)_3*H_20$	Sat'd	100	180	X	180	180	140	X	X	NR	NR	NR	NR	NR	X	A
Aluminum Potassium Sulfate (Alum) $ALK(SO_4)_2*_{12}H_20$	Sat'd	150	210	160	180	140	140	B	B	B	B	X	X	NR	A TO 10%	A
Aluminum Sulfate (Alum) $AL_2(SO_4)_3$	Sat'd	100	210	160	180	140	140	B	A	NR	NR	NR	NR	NR	B	X
Amino Acids	all	X	100													
Ammonia Gas NH_3	100%	NR	100	NR	NR	140	140	B	X	B	NR	A	X	A	X	A
Ammonia Liquid NH_4	100%	NR	100 @ 10% NR @ 100%	160	NR	140	NR	NR	NR	NR	NR	X	X	A	A	A
Ammonium Acetate CH_3COONH_4	Sat'd	NR	100	120	180	73	140	X	X	NR	NR	X	X	X	X	B
Ammonium Benzoate	all	X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Ammonium Bicarbonate	100%	60	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Ammonium Bisulfate		X	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Ammonium Bisulfite (Black Liquor)	Sat'd	X	180	X	180	140	140	X	X	NR	NR	B	B	B	X	A
Ammonium Bromate	40%	100	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Ammonium Bromide	40%	100	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Ammonium Bifluoride NH_4HF_2	Sat'd	X	X	X	180	180	140	X	NR	NR	NR	NR	NR	NR	B	B
Ammonium Carbonate $(NH_4)_2CO_3$	Sat'd	NR	150	X	180	212	140	X	B	NR	NR	X	X	A to 140	B	B
Ammonium Chloride NH_4CL	Sat'd	100	210	120	180	212	140	B	B	NR	NR	NR	NR	NR	A	B
Ammonium Citrate	all	NR	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Ammonium Fluoride NH_4F	10%	NR	150	120	180	212	140	X	X	NR	NR	X	X	NR	X	NR
Ammonium Fluoride NH_4F	25%	NR	150	120	180	212	NR	X	X	NR	NR	X	X	NR	X	NR
Ammonium Hydroxide NH_40H	10%	60 @ 5% NR @ >5%	150	120	NR	212	140	B	B	NR	NR	X	X	NR	A	A
Ammonium Hydroxide NH_40H	Sat'd	NR	100	X	X	X	X	B	B	NR	NR	X	X	NR	A	A to 140
Ammonium Lauryl Sulfate	30%	75	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Ammonium Nitrate NH_4NO_3	Sat'd	150	200	120	180	212	140	B	B	NR	NR	X	X	X	A	X
Ammonium Persulphate $(NH_4)_2S_2O_8$		NR	180	X	180	140	140	X	B	NR	NR	NR	NR	NR	A	A
Ammonium Phosphate (Monobasic) $NH_4H_2PO_4$	All	NR	210	120	180	212	140	B	B	NR	NR	B	B	NR	A	A
Ammonium Sulfate $(NH_4)_2SO_4$		150	210	120	180	212	140	B	NR	NR	NR	B	B	NR	B	B
Ammonium Sulfide $(NH_4)_2S$	Dilute	NR	120	120	180	212	140	X	X	NR	NR	NR	NR	NR	X	B
Ammonium Sulfite	all	NR	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Ammonium Thiocyanate NH_4SCN	60%	X	100	120	180	212	140	X	X	NR	NR	NR	NR	NR	X	A

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Ammonium Thiosulfate	50%	75	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Amyl Acetate $CH_3COOC_5H_{11}$	all	75	NR	NR	NR	NR	NR	NR	B	B	B	B	B	B	A	A
Amyl Alcohol $C_5H_{11}0H$	100%	NR	120	X	NR	X	NR	B	B	A	A	B	B	B	A	A
n-Amyl Chloride $CH_3(CH_2)_3CH_2Cl$		NR	120	NR	NR	NR	NR	NR	NR	A	A	A	A	A	B	A
Anise Oil		X	X	X	X	X	X	X	X	X	X	X	X	X	A	A
Aniline $C_6H_5NH_2$		NR	120	NR	NR	X	NR	B	B	NR	NR	B	B	NR	A	A
Aniline Oil		X	X	X	X	A	NR	X	B	A	X	A	A	X	A	A
Antifreze		X	X	X	X	A	A	B	A	B	B	B	X	B	A	A
Aniline Hydrocloride $C_6H_5NH_2$*HCl	Sat'd	NR	180	X	NR	X	NR	X	X	NR	NR	NR	NR	NR	X	NR
Aniline Sulfate	Sat'd	NR	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Anthraquinone $C_{14}H_8O_2$		X	X	X	180	X	140	X	X	X	X	NR	NR	NR	X	X
Anthraquinone Sulfonic Acid $C_{14}H_7O_2$*SO_3*H_2O		X	X	X	180	73	140	X	X	NR	NR	NR	NR	NR	X	NR
Antimony Chloride		X	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Antimony Pentachloride	all	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Antimony Trichloride $SbCl_3$	Sat'd	100	180	X	180	140	140	A	NR	NR	NR	NR	NR	NR	NR	NR
Aqua Regia (Nitrohydrochloric Acid) HCl:HNO3=3:1	all	NR	NR	NR	B to 73	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	B
Arochlor 1248		X	X	X	X	X	X	X	X	X	X	X	X	A	X	X
Aromatic Hydrocarbons		X	X	X	X	X	NR	B	A	A	X	A	X	A	X	A
Argon Ar	Dry	X	X	X	X	X	X	X	X	A	X	A	X	A	X	A
Arsenic Acid H_3AsO_4	80%	X	160	X	180	140	140	B	NR	NR	NR	NR	NR	NR	A	A
Arsenious Acid	20%	X	180	X	X	X	X	X	X	X	X	X	X	A	X	X
Asphalt		X	X	X	NR	73	NR	X	B	A	A	A	A	A	B	A
B																
Barium Acetate	all	100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Barium Bromide	all	100	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Barium Carbonate $BaCO_3$	Sat'd	60	210	120	180	140	140	B	B	A	A	B	B	B	A	A
Barium Chloride $BaCl_2$*$_2H_2O$	Sat'd	200	210	120	180	140	140	B	NR	A	A	B	B	NR	NR	A
Barium Cyanide		NR	150	X	X	X	X	B	X	B	X	X	X	A	X	A
Barium Hydroxide $Ba(OH)_2$	Sat'd	NR	150	73	180	140	140	B	NR	NR	NR	B	B	NR	B	A
Barium Nitrate $Ba(NO_3)_2$	Sat'd	100	X	73	180	140	73	X	X	NR	NR	A	A	A	A	A
Barium Sulfate $BaSO_4$	Sat'd	100	210	73	180	140	140	B	NR	B	B	B	B	A	A	A
Barium Sulfide BaS	Sat'd	NR	180	73	180	140	140	X	X	NR	NR	B	B	NR	X	A

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Bay Oil		X	X	X	X	X	X	X	X	A	X	X	X	X	A	A
Beer		60	160	120	180	180	140	X	X	A	A	NR	NR	NR	X	A
Beet Sugar Liquors		X	180	X	180	180	140	X	A	X	X	B	B	B	A	A
Benzaldehyde C_6H_5CHO	10%	NR	NR	NR	B to 73	73	B to 73	NR	B	A	A	NR	NR	B	A	A
Benzene C_6H_6		NR	60	NR	NR	NR	NR	NR	B	A	A	A	A	A	A	A
Benzene Sulfonic Acid $C_6H_5SO_3H$	10%	NR	210	X	180	180	140	X	X	B	B	NR	NR	NR	X	B
Benzoic Acid C_6H_5COOH		80	210	160	180	73	140	B	B	NR	NR	NR	NR	X	A	A
Benzoquinones	all	X	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Benzyl Alcohol $C_6H_5CH_2OH$		NR	60	X	NR	120	NR	X	X	A	A	B	B	B	X	A
Benzyl Chloride		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Bismuth Carbonate $(BiO)_2CO_3$		X	X	X	180	180	140	X	X	X	X	X	X	X	X	X
Black Liquor	Sat'd	NR	180	X	180	140	140	X	X	NR	NR	B	B	B	X	A
Bleach (Sodium Hypochlorite)	12% Cl	NR	125	73	185	120	140	X	X	X	X	X	X	X	X	X
Blood		X	X	X	X	X	X	X	X	B	X	NR	NR	X	X	A
Bone Oil		X	X	X	X	X	X	X	X	A	X	X	X	X	A	A
Borax $NaB_4O_7*_{10}H_2O$	Sat'd	100	210	160	180	212	140	B	B	A	A	A	A	B	A	A
Boric Acid H_3BO_3	Sat'd	85	210	160	180	212	140	B	B	B	B	NR	NR	B	A	A
Brewery Slop		X	X	X	X	X	X	X	X	A	X	A	X	X	X	A
Brine	Sat'd	100	210	X	180	140	140	X	X	A	X	NR	NR	NR	X	A
Bromic Acid $HBrO_3$		X	X	X	180	NR	140	X	X	NR	NR	X	X	X	X	X
Bromine Br_2	Liquid	NR	NR	73	NR	NR	NR	X	X	NR	NR	NR	NR	NR	X	NR
Bromine Br_3	Gas 25%	NR	NR	X	180	NR	140	X	X	NR	NR	NR	NR	NR	X	NR
Bromine Water	Sat'd	NR	180	X	180	NR	140	X	X	NR	NR	NR	NR	NR	X	X
Butadiene $H_2C=CHHC=CH_2$	50%	X	60	X	180	NR	140	X	A	A	A	A	A	A	A	A
Butane C_4H_{10}	50%	X	60	X	180	140	140	B	A	A	A	A	A	A	A	A
Butanol	all	X	120													
Buter		X	X	X	X	X	X	X	A	NR	X	NR	NR	X	B	A
Buttermilk		X	X	X	X	X	X	X	A	NR	X	NR	X	X	A	A
Butyl Acetate $CH_3COOCH_2CH_2CH_2CH_3$		X	NR	NR	NR	NR	NR	B	A	B	B	B	B	B	X	A
Butyl Acrylate		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Butyl Amine		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Butyl Alcohol $CH_3(CH_2)_2CH_2OH$		5% to 85 100% NR	5% to 120 100% to 175	X	NR	180	140	X	A	B	X	X	B	X	A	A
Butyl Benzyl Phthalate	100%	75	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Butyl Carbitol	80%	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X

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Butyl Cellosolve		NR	100	X	NR	X	73	X	X	A	A	A	A	X	X	A
n-Butyl Chloride C_4H_9Cl		X	X	NR	NR	X	X	X	X	B	B	B	B	B	X	B
Butylene© $CH_3CH=CHCH_3$	Liquid	100	175	X	X	NR	140	X	A	A	A	X	X	A	B	A
Butylene Glycol	100%	150	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Butylene Oxide	100%	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Butyl Phthalate $C_{16}H_{22}O_4$		X		X	NR	180	X	X	X	X	X	X	X	X	X	X
Butylraldehyde	100%	X	NR													
Butyl Stearate		X		X	X	X	73	X	X	A	A	B	B	X	X	A
Butyric Acid $CH_3CH_2CH_2COOH$		60 @ 50%	210 @ 50% 80 @ 85%	NR	NR	180	73	X	B	A	A	NR	NR	NR	B	A
C																
Cadmium Chloride		60	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Calcium Bisulfate		150	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Calcium Bisulfide $Ca(HS)_2*_6H_2O$		X	X	X	73	X	NR	X	NR	X	X	X	X	X	NR	A
Calcium Bisulfite $Ca(HSO_3)_2$		X	180	X	180	180	140	X	B	NR	NR	NR	NR	NR	A	A
Calcium Bromide		100	200	X	X	X	X	X	X	X	X	X	X	X	X	X
Calcium Carbonate $CaCO_3$		60	180	X	180	180	140	A	B	NR	NR	B	B	B	A	A
Calcium Chlorate $Ca(ClO_3)_2*_2H_2O$		150	210	X	180	180	140	A	X	B	B	B	B	B	A	A
Calcium Chloride $CaCl_2$		150	210	120	180	180	140	A	B	B	B	A	A	NR	A	A
Calcium Hydroxide $Ca(OH)_2$		60	180	160	180	180	140	B	B	NR	NR	NR	NR	NR	A	A
Calcium Hypochlorite $Ca(OCl)_2$	30%	60	180	160	180	140	140	B	B	NR	NR	NR	NR	NR	NR	B
Calcium Nitrate $Ca(NO_3)_2$		150	210	X	180	180	140	X	X	B	B	B	B	X	X	A
Calcium Oxide CaO			X	X	180	X	140	X	X	X	X	A	A	B	X	A
Calcium Sulfate $CaSO_4$		150	210	100	180	180	140	B	B	A	B	A	A	B	A	A
Calcium Sulfite		150	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Calgon		X	X	X	X	A	X	X	X	B	X	NR	NR	X	A	A
Camphor $C_{10}H_{16}O$		X	X	NR	X	73	73	X	X	B	B	B	B	B	X	A
Cane Sugar $C_{12}H_{22}O_{11}$		X	180	X	180	180	140	X	B	A	A	A	A	A	A	A
Capric Acid		100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Caprylic Acid $CH_3(CH_2)COOH$		60	180	X	X	X	X	X	X	X	X	A	A	B	X	A
Carbitol		X	X	X	NR	X	73	X	X	B	B	B	B	B	X	B
Carbon Bisulfide CS_2		X	X	X	X	NR	NR	X	A	B	X	B	X	X	A	A
Carbon Dioxide CO_2	Dry 100%	150	210	160	180	140	140	X	X	A	A	A	A	A	X	A

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Carbon Dioxide CO_3	Wet	150	160	160	180	140	140	X	B	A	A	B	B	B	A	A
Carbon Disulfide CS_2		NR	NR	NR	NR	NR	NR	NR	B	B	B	A	A	A	A	A
Carbon Methyl Cellulose		X	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Carbon Monoxide CO	Gas	150	210	X	180	180	140	A	A	A	A	A	A	B	A	A
Carbon Tetrachloride CCl_4		75	100	NR	NR	NR	73	NR	B	A	A	NR	NR	A	A	A
Carbonic Acid H_2CO_3	Sat'd	150	160	185	180	140	140	B	A	NR	NR	B	B	B	A	A
Carbowax 7		100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Carbowax 7 Polyethylene Glycols		100	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Carboxy Methyl Cellulose		X	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Carboxy Ethyl Cellulose		X	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Cashew nut oil	100%	120	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Castor Oil		140	160	X	NR	140	140	X	X	A	A	A	A	A	A	A
Catsup		X	X	X	X	A	A	X	NR	B	X	NR	NR	X	A	A
Caustic Potash (Potassium Hydroxide) KOH	50%	X	X	160	180	180	140	X	X	X	X	X	X	X	X	X
Caustic Soda (see Sodium Hydroxide) NaOH																
Cellosolve		X	X	X	NR	73	73	X	X	A	A	A	A	A	X	A
Cellosolve Acetate $CH_3COOCH_2CH_2OC_2H_5$		X	X	X	NR	73	73	X	X	B	X	X	B	X	X	B
Chloral Hydrate $CCl_3CH(OH)_2$		X	X	X	180	NR	140	X	X	X	X	X	X	X	X	X
Chloramine NH_2Cl	Dilute	X	X	X	NR	73	73	X	X	B	B	NR	NR	NR	X	B
Chloracetic Acid $C_2H_3ClO_2$		X	X	X	X	NR	A	NR	B	NR	X	NR	NR	X	NR	NR
Chloric Acid $HClO_3$*$_7H_2O$	10%	X	80	X	180	73	140	X	X	NR	NR	NR	NR	NR	NR	B
Chloric Acid $HClO_3$*$_7H_2O$	20%	X	80	X	180	73	140	X	X	NR	NR	NR	NR	NR	NR	NR
Chlorine (Anhydrous Liquid)		NR	X	X	X	NR	NR	NR	NR	NR	X	B	B	X	A	A
Chlorine Dioxide (Air)		60	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Chlorine Dioxide (Wet gas)		NR	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Chlorine Gas (Moisture Content $<_{15}$O ppm)		60	210	X	X	X	X	X	X	NR	NR	B	A	A	X	A
Chlorine Gas (Moisture Content $>_{15}$O ppm)		NR	210	NR	NR	NR	NR	X	X	NR	NR	NR	NR	NR		NR
Chlorine	Liquid	NR	NR	NR	NR	NR	NR	X	NR	B	B	NR	NR	NR	X	NR
Chlorinated Water ($<_{35}$00ppm)		NR	180	X	X	X	X	X	NR	B	NR	X	X	NR	X	A
Chlorinated Water ($>_{35}$00ppm)		X	180	X	X	X	X	X	NR	NR	NR	X	X	NR	X	A
Chlorinated Wax		100	160	X	X	X	X	X	X	X	X	X	X	X	X	X

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		GFRPC POLYESTER	GFRPC VINYL ESTER	ABS	CPVC	PP	PVC	HDPE	ALUMINUM	BRONZE	BRASS	GRAY IRON	DUCTILE IRON	CARBON STEEL	304 STAINLESS	316 STAINLESS
Chloroacetic Acid $CH_2ClCOOH$	25%	NR	180	NR	180	NR	140	X	X	NR	NR	NR	NR	NR	X	NR
Chloroacetic Acid $CH_2ClCOOH$	50%	NR	100	NR	180	NR	140	X	X	NR	NR	NR	NR	NR	X	NR
Chlorobenzene C_6H_5Cl	Dry	NR	NR	NR	NR	73	NR	NR	B	A	A	NR	NR	B	A	A
Chloroform $CHCl_3$	Dry	NR	NR	NR	NR	NR	NR	NR	NR	A	A	NR	NR	NR	A	A
Chloropyridine		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Chlorosulfonic Acid $ClSO_2OH$		NR	NR	X	73	NR	73	NR	NR	NR	NR	B	B	NR	NR	NR
Chloroethylene (1,1,1-trichloroethylene)		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Chlorotoluene	100%	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Chromic Acid H_2CrO_4	10%	NR	100	73	180	140	140	X	X	NR	NR	NR	NR	NR	B	A to 70
Chromic Acid H_2CrO_5	30%	NR	NR	NR	180	73	140	X	X	NR	NR	NR	NR	NR	B	B to 70
Chromic Acid H_2CrO_6	50%	NR	NR	NR	NR	73	NR	NR	B	NR	NR	NR	NR	NR	B	B to 71
Chromic Fluoride		X	60	X	X	X	X	X	X	X	X	X	X	X	X	X
Chromium Sulfate		100	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Chromous Sulfate		150	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Cider		X	X	X	X	X	A	B	B	A	X	NR	NR	X	A	A
Cinnamon Oil		X	X	X	X	A	X	X	X	X	X	X	X	X	A	A
Citric Acid $C_6H_8O_7$	Sat'd	100	210	160	180	140	140	B	B	NR	NR	NR	NR	NR	A	A
Citric Oils		X	X	X	X	A	X	X	B	B	X	X	X	X	A	A
Clove Oil		X	X	X	X	X	X	X	X	X	X	X	X	X	A	A
Cobolt Chloride		100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Cobalt Citrate		100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Cobalt Naphthenate		X	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Cobalt Nitrate		100	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Cobalt Octoate		X	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Coconut Oil		60	180	X	NR	73	140	X	B	B	B	NR	NR	B	A	A
Cod Liver Oil		140	195	X	X	A	X	X	B	X	X	X	X	X	A	A
Coffee		X	X	X	180	140	140	X	A	A	A	NR	NR	NR	A	A
Coke Oven Gas		X	X	X	X	73	140	X	X	B	B	A	A	A	X	A
Copper Acetate $Cu(C_2H_3O_2)_2*H_2O$	Sat'd	100	210	X	73	73	73	X	X	NR	NR	NR	NR	NR	X	A
Copper Ammonium Chloride	all	100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Copper Carbonate $CuCO_3$	Sat'd	X	X	X	180	X	140	X	X	X	X	X	X	X	X	A
Copper Chloride $CuCl_2$	Sat'd	150	210	73	180	140	140	B	NR	NR	NR	NR	NR	NR	NR	X
Copper Cyanide		NR	210	X	180	X	140	B	NR	NR	NR	NR	NR	NR	A	A
Copper Fluoborate (or tetrafluoborate) $Cu(BF_4)_2$		X	X	X	X	X	A	A	NR	NR	X	NR	NR	X	NR	NR
Copper Fluoride $CuF_2*_2H_20$	2%	NR	210	X	180	73	140	X	X	X	X	X	X	X	X	X

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Copper Nitrate $Cu(NO_3)_2*_3H_2O$	30%	150	210	X	180	140	140	B	NR	NR	NR	NR	NR	NR	A	A
Copper Sulfate $CuSO_4*_5H_2O$	Sat'd	150	210	120	180	120	140	X	X	NR	NR	NR	NR	NR	B	A
Corn Oil		140	200	X	NR	73	140	X	B	B	B	B	B	B	A	A
Corn Starch		100	210													
Corn Syrup		100	210	X	185	140	140	X	X	X	X	X	X	X	X	X
Cottonseed Oil		140	210	120	NR	140	140	X	B	B	B	B	B	B	A	A
Cream		X	X	X	X	A	X	X	A	B	X	NR	NR	X	A	A
Creosote		X	X	X	NR	73	C	NR	X	B	B	A	A	A	A	A
Cresol $CH_3C_6H_4OH$	90%	NR	NR	NR	NR	B to 73	C	NR	B	X	X	X	X	X	A	A
Cresylic Acid	50%	NR	NR	X	180	X	140	B	B	A	A	A	A	B	A	A
Crude Oil		100	210	X	NR	140	140	X	A	NR	NR	NR	NR	B	A	A
Cuprlc Sulfate $CuSO_4*_5H_2O$	Sat'd	X	X	100	180	73	140	X	X	X	X	X	X	X	X	X
Cuprous Chloride CuCl	Sat'd	X	X	70	180	X	140	X	X	NR	NR	X	X	X	X	X
Cyanic Acid CHNO		X	X	X	X	X	X	X	X	X	X	X	X	X	A	A
Cyclohexane C_6H_{12}		60	120	73	NR	NR	NR	X	A	A	A	B	B	A	A	A
Cyclohexanol $C_6H_{11}OH$		NR	X	NR	NR	140	NR	X	X	X	X	A	A	X	X	A
Cyclohexanone $C_6H_{10}O$	Liquid	NR	NR	NR	NR	73	NR	X	X	B	B	B	B	B	X	A
D																
Decalin	all	NR	140	X	X	X	X	X	X	X	X	X	X	X	X	X
Decanes	100%	85	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Decanol (Decyl Alcohol)		85	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Decenes	100%	85	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Detergents (Heavy Duty)		NR	160	X	NR	180	140	B	A	A	A	A	A	A	A	A
Dextrin (Starch Gum)	Sat'd	X	X	X	180	140	140	X	X	A	A	B	B	B	X	A
Dextrose $C_6H_{12}O_6$		X	X	X	180	140	140	X	X	A	X	A	X	X	X	A
Diacetone Alcohol $CH_3COCH_2C(CH_3)_2OH$		X	X	X	NR	120	NR	X	X	A	A	A	A	A	X	A
Diallyphthalate		75	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Diammonium Phosphate	65%	NR	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Dibasic Acids	30%	X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Dibromephenol		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Dibromopropanol		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Dibutoxyethyl Phthalate $C_{20}H_{30}O_6$		X	X	X	NR	X	NR	X	X	A	A	A	A	A	X	A
Dibutyl Ether		NR	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Dibutyl Phthalate $C_6H_4(COOC_4H_9)_2$		75	180	NR	NR	73	NR	X	X	A	A	A	A	A	X	A

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Dibutyl Sebacate $C_4H_9OCO(CH_2)_8OCOC_4H_9$		75	200	X	X	73	73	X	X	X	X	X	X	X	X	X
Dichlorobenzene $C_6H_4Cl_2$		NR	NR	NR	NR	NR	NR	X	X	X	X	A	A	X	X	A
Dichlorethane $C_2H_4Cl_2$		NR	NR	X	X	X	NR	NR	X	X	X	X	X	X	A	A
Dichloroethylene $C_2H_4Cl_2$		NR	NR	X	NR	NR	NR	X	X	X	X	X	B	X	X	B
Dichloromethane (Methylene Chloride)		NR	NR	X	NR	NR	NR	X	X	B	X	B	B	B	X	A
Dichloropropane		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Dichloropropene		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Dichloropropionic Acid		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Diesel Fuels		60	180	X	NR	140	140	X	A	A	A	A	A	A	A	A
Diethanol Amine		NR	80													
Diethyl Amine $C_4H_{10}NH$		NR	NR	NR	NR	X	NR	X	A	NR	NR	A	A	NR	A	A
Diethyl Cellosolve $C_6H_{14}O_2$		X	X	X	X	X	X	X	X	X	X	A	A	X	X	A
Diethyl Ether $C_4H_{10}O$		NR	NR	NR	NR	73	73	X	X	X	X	X	X	X	X	X
Diethyl Ketone		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Diethyl Formamide		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Diethyl Maleate		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Diethylenetriamine (DETA)		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Diethylene glycol dimethyl ether	100%	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Diethylene glycol monobutyl ether	100%	NR	90	X	X	X	X	X	X	X	X	X	X	X	X	X
Diethylene Glycol $C_4H_{10}O_3$		85	200	X	X	X	X	B	X	A	X	X	X	X	A	X
Diglycolic Acid $O(CH_2COOH)_2$	Sat'd	X	X	X	180	140	140	X	X	X	X	X	X	X	X	X
Diisobutyl Ketone		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Diisobutyl Phthalate		75	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Diisobutylene		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Diisopropanol Amine		NR	110	X	X	X	X	X	X	X	X	X	X	X	X	X
Dimethylamine $(CH_3)_2NH$		NR	X	X	X	73	140	X	X	X	X	NR	X	X	X	A
Dimethyl Formamide $HCON(CH_3)_2$		NR	NR	NR	NR	180	NR	X	X	B	B	B	B	B	X	A
Dimethyl Phthalate		NR	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Dimethyl Sulphide	100%	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Dimethyl Sulphoxide	20%	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Dinonyl Phthalate	100%	100	140	X	X	X	X	X	X	X	X	X	X	X	X	X
Dioctyl Phthalate $C_6H_4(COOC_8H_{17})_2$		75	180	NR	NR	NR	NR	X	X	A	A	NR	NR	NR	X	X
Dioxane $C_4H_8O_2$		NR	NR	X	NR	NR	NR	X	X	A	A	A	A	A	X	X
Diphenyl Ether		NR	80	X	X	X	X	X	X	X	X	X	X	X	X	X

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Diphenyl Oxide $(C_6H_5)_2O$	Sat'd	X	NR	X	X	X	X	X	X	A	A	A	X	X	A	X
Dipiperazine Sulphate Solution	all	X	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Dipotassium hydrogenphosphate	5%	85	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Dipotassium hydrogenphosphate	10%	NR	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Dipropylamine (-n)	50%	NR	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Dipropylene Glycol	all	85	200	X	X	X	X	X	X	X	X	X	X	X	X	X
Disodium Phosphate Na_2HPO_4		5% to 85	10% to 195	X	180	140	140	X	X	B	B	B	B	X	X	A
Dipropylamine (n-)	50%	NR	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Dipropylene glycol	all	85	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Divinyl Benzene	100%	NR	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Dodecyl Alcohol	100%	85	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Dodecyl Benzede Sulphonic Acid	all	75	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Dodecyl Guanidine Hydrochloride	all	100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Dodecene	100%	85	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Dowanol DB Glycolether	all	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Dow Therm A $C_{12}H_{10}$*$C_{12}H_{10}O$		X	X	X	X	X	NR	X	X	A	A	B	A	A	X	A
Dyes		X	X	X	X	X	X	X	B	B	X	X	X	X	A	A
E																
Embalming Fluid		X	110	X	X	X	X	X	X	X	X	X	X	X	X	X
Epichlorohydrin	100%	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Epoxidized Soy Bean Oil		120	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Epoxy Resins	100%	X	110	X	X	X	X	X	X	X	X	X	X	X	X	X
Esters of Fatty Acids	100%	100	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Ethane C_2H_6		X	X	X	X	X	X	X	A	A	X	X	X	X	A	X
Ethanol amine		NR	NR	X	X	X	X	X	X	X	X	X	X	B	A	A
Ether ROR		X	X	NR	NR	NR	NR	X	A	A	A	B	B	B	A	A
Ethyl Acetate $CH_3COOCH_2CH_3$		NR	NR	NR	NR	NR	NR	B	B	B	X	A	A	A	A	A
Ethyl Acrylate CH_2=$CHCOOC_2H_5$		NR	NR	X	NR	X	NR	X	X	A	X	A	A	A	X	A
Ethyl Alcohol (Ethanol) C_2H_5OH		85 @ 20% NR @ 50%	150 @ 10% 100 @ 50% 80 @ 100%	X	NR	140	140	X	X	A	A	A	A	A	X	A
Ethyl Benzene $C_6H_5C_2H_5$		NR	NR	X	X	NR	NR	X	X	B	X	B	B	B	X	A
Ethyl Bromide		NR	NR													
Ethyl Chloride C_2H_5Cl	Dry	NR	NR	X	NR	NR	NR	NR	B	A	X	A	A	A	A	A
Ethyl Ether (Diethyl Ether) $C_4H_{10}O$		NR	NR	NR	NR	73	73	X	X	X	X	X	X	X	X	X
Ethyl Sulfate $C_2H_6O_4S$		NR	NR	X	X	X	X	X	X	X	X	X	X	X	NR	X

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Ethylene Bromide $BrCH_2CH_2Br$	Dry	X	X	X	NR	X	NR	X	X	A	X	X	A	A	X	A
Ethylene Chloride (Vinyl Chloride) CH_2CHCl	Dry	NR	NR	NR	NR	NR	NR	X	B	X	X	X	X	X	A	A
Ethylene Chloroformate		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Ethylene Chlorohydrin $ClCH_2CH_2OH$		NR	100	X	NR	73	NR	X	X	X	X	X	X	X	X	X
Ethylene Diamine $NH_2CH_2CH_2NH_2$		NR	NR	NR	X	73	NR	X	X	A	A	A	B	X	X	X
Ethylene Diamine Tetra Acetic Acid		NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Ethylene Dibromide	100%	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Ethylene Dichloride $C_2H_4Cl_2$	Dry	NR	NR	NR	NR	NR	NR	NR	NR	A	X	A	A	A	A	A
Ethylene Glycol $OHCH_2CH_2OH$	all	150	200	73	NR	212	140	B	A	A	A	A	A	A	A	A
Ethylene Glycol Monobutyl	100%	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Ethylene Oxide CH_2CH_2O		NR	NR	X	NR	NR	NR	X	A	A	X	B	A	A	X	A
Ethyl Formate		X	X	X	X	X	X	X	X	A	X	A	A	X	X	A
Ethyl Hexanol (2-)	all	NR	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Ethylhexylacrylat (-2)	100%	NR	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Eucalyptus Oil		100	140	X	X	X	X	X	X	X	X	X	X	X	X	X
F																
Fatty Acids R-COOH		150	210	160	73	120	140	B	B	NR	NR	NR	NR	NR	A	A
Ferric Acid		X	X	X	X	A	A	X	NR	NR	NR	NR	NR	X	NR	NR
Ferric Acetate	all	100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Ferric Chloride (Aqueous) $FeCl_3$	Sat'd	150	210	120	180	140	140	X	X	NR	NR	NR	NR	NR	X	NR
Ferric Hydroxide $Fe(OH)_3$	Sat'd	X	X	160	180	140	140	X	X	X	X	NR	NR	X	X	A
Ferric Nitrate $Fe(NO_3)_3*_9H_2O$	Sat'd	150	210	160	180	140	140	B	NR	NR	NR	NR	NR	NR	A	A
Feric Sulfate $Fe_2(SO_4)_3$		150	210	160	180	140	140	X	NR	NR	NR	NR	NR	NR	A	A
Ferrous Chloride $FeCl_2$	Sat'd	150	210	160	180	140	140	B	NR	NR	NR	NR	NR	NR	NR	NR
Ferrous Hydroxide $Fe(OH)_2$	Sat'd	X	X	160	180	140	140	X	X	X	X	NR	X	X	X	A
Ferrous Nitrate $Fe(NO_3)_2$		150	210	160	180	140	140	X	X	X	X	X	X	X	X	A
Ferrous Sulfate $FeSO_4$		150	210	160	180	140	140	B	NR	NR	X	NR	NR	NR	A	A
Fertilizer 8-8-8		NR	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Fertilizer (URAN - Urea Ammonium Nitrate)		75	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Fish Oil		X	X	X	180	180	140	X	X	A	X	B	A	A	X	A
Flue Gas		X	160	X	X	X	X	X	X	A	X	A	A	A	X	A
Fluoroboric Acid HBF_4		NR	210 @ 10% 120 @ sat'd	73	73	140	140	B	X	B	X	NR	NR	X	NR	A

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Fluorine Gas F_2	Dry 100%	NR	60	X	73	NR	73	NR	NR	B	X	NR	NR	A	NR	A
Fluorine Gas F_3	Wet	NR	60	NR	73	NR	73	NR	NR	NR	X	NR	NR	NR	NR	A
Fluorocarbon 11	100%	NR	110	X	X	X	X	X	X	X	X	X	X	X	X	X
Fluorosilicic Acid (Hydrofluosilicic Acid) H_2SiF_6	50%	NR	150 @ 20% 100 @ 35% 180 @ fumes	X	73	73	140	B	NR	X	X	X	NR	NR	X	B
Formaldehyde HCHO	Dilute	60	150	160	73	140	140	B	A	A	X	NR	NR	B	A	A
Formaldehyde HCHO	35%	60	150	160	NR	140	140	B	A	A	X	NR	X	B	A	A
Formaldehyde HCHO	50%	60	150	X	NR	X	140	B	A	B	X	NR	X	B	A	A
Formic Acid HCOOH		60 @ 10%	180 @ 10% 100 @ 50% 75 @ 85% NR @ 98%	NR	NR	140	73	B	NR	NR	X	NR	NR	NR	A	A
Freon$_{11}$ CCl_3F	100%	NR	75	NR	73	NR	140	B	B	A	A	B	B	B	X	A
Freon$_{12}$ CCl_3F_2	100%	X	X	X	73	73	140	B	B	A	A	B	B	B	X	A
Freon$_{21}$ $CHCl_2F$	100%	X	X	X	X	NR	NR	X	X	A	A	B	B	B	X	A
Freon$_{22}$ $CHClF_3$	100%	X	X	X	73	73	NR	X	B	A	A	B	B	B	X	A
Freon$_{113}$ $C_2Cl_2F_3$	100%	X	X	X	X	NR	140	X	B	A	A	B	B	B	X	A
Freon$_{114}$ $C_2Cl_2F_4$	100%	X	X	X	X	NR	140	X	X	A	A	B	B	B	X	A
Fructose $C_6H_{12}O_6$	Sat'd	X	X	73	180	180	140	X	X	X	X	A	A	X	X	A
Fruit juice		X	X	X	X	A	A	B	B	B	X	NR	NR	NR	A	A
Fuel Oil		60	210													
Furan Resin		X	X	X	X	X	X	X	A	A	X	A	A	A	A	A
Furfural C_4H_3OCHO		NR	160 @ 5% 100 @ 20% NR @ >50%	NR	NR	NR	NR	NR	A	A	A	A	A	A	A	A
Furfuryl Alcohol	100%	NR	75	X	X	X	X	X	X	X	X	X	X	X	X	X
G																
Gallic Acid $C_6H_2(OH)_3CO_2H*H_2O$	all	75	140	X	73	X	140	X	A	B	X	NR	NR	NR	A	A
Gasoline (Leaded)		60	180	NR	NR	NR	B	NR	A	A	A	A	A	A	A	A
Gasoline (Unleaded)		60	120	NR	NR	NR	B	NR	A	A	A	A	A	A	A	A
Gasohol		60	110	NR	NR	NR	B	X	X	A	A	A	A	A	X	A
Gasoline (Sour)		60	160	NR	NR	NR	B	X	X	B	X	A	A	A	X	A
Gelatin		X	X	X	180	180	140	X	A	NR	X	NR	NR	NR	A	NR
Ginger Oil		X	X	X	X	X	X	X	X	X	X	X	X	X	A	A
Glauber's Salt		X	X	X	X	X	X	X	X	A	A	A	A	X	X	A

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Gluconic Acid	50%	X	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Glucose $C_6H_{12}O_6*H_2O$	all	85	210	120	180	212	140	B	A	A	A	A	A	A	X	A
Glue		X	X	X	X	140	140	X	B	A	A	A	A	A	B	A
Glutaric Acid	all	100	140	X	X	X	X	X	X	X	X	X	X	X	X	X
Glycerin $C_3H_5(OH)_3$	100%	85	210	140	180	212	140	X	A	A	A	A	A	A	A	A
Glycerine Triacetate	all	X	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Glycol Amine		X	X	X	X	X	X	X	X	NR	X	A	A	A	X	A
Glycolic Acid (Hydroxyacetic Acid) $OHCH_2COOH$	Sat'd	60	180 @ 10% 80 @ 70%	X	180	73	140	B	X	B	X	NR	NR	NR	X	A
Glyoxal OCHCHO		NR	100 @ 40%	X	X	X	X	X	X	B	X	NR	NR	NR	X	A
Gold Monocyanide		X	X	X	X	X	X	X	X	A	X	NR	NR	X	X	A
Grape Juice		X	X	X	X	X	A	B	B	B	X	NR	NR	X	A	A
Grease		X	X	X	X	X	X	X	A	NR	NR	A	A	A	A	A
Green Liquor (pulp mill)		NR	180	160	180	X	140	X	X	NR	X	A	A	X	X	A
Gypsum (Phosphoric acid : Fluorine water)	Slurry	X	110	X	X	X	X	X	X	A	B	A	A	B	X	A
H																
Heavy Aromatic Naphta (HAN)	100%	X	110	X	X	X	X	X	X	X	X	X	X	X	X	X
Heptane C_7H_{16}	100%	60	200	73	180	NR	140	NR	A	A	X	A	A	A	X	A
n-Hexane C_6H_{14}		60	150	NR	73	73	73	X	A	A	X	A	A	A	A	A
Hexachlorocyclopentadiene	100%	NR	110	X	X	X	X	X	X	X	X	X	X	X	X	X
Hexachloroethane	100%	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Hexalene Glycol		150	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Hexamethylenetertramine	60%	NR	110	X	X	X	X	X	X	X	X	X	X	X	X	X
Hexanol $CH_3(CH_2)_4CH_2OH$		X	X	X	180	X	140	X	X	A	X	A	A	A	X	A
Hexene	100%	85	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Hexene (2-)	100%	85	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Hexene (2-trans-)	100%	85	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Hexene (3-trans-)	100%	85	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Honey		X	X	X	X	A	A	X	A	A	X	A	A	X	A	A
Hydraulic Oil (Petroleum)		60	195	X	X	X	73	X	A	A	X	A	A	A	A	A
Hydrazine H_2NNH_2		NR	NR	X	NR	73	NR	X	X	NR	NR	NR	NR	NR	A	A
Hydrobromic Acid HBr	20%	60	180	73	73	140	140	X	X	NR	NR	NR	NR	NR	NR	NR
Hydrobromic Acid HBr	50%	NR	150	NR	X	120	X	B	NR	NR	NR	NR	NR	NR	NR	NR
Hydrochloric Acid HCl	10%	60	210	NR	180	140	140	A	NR	NR	NR	NR	NR	NR	NR	B
Hydrochloric Acid HCl	30%	60	160	NR	180	140	140	A	NR	NR	NR	NR	NR	NR	NR	B
Hydrochloric Acid HCl	fumes	X	195	X	X	X	X	X	X	X	X	X	X	X	X	X

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Hydrocyanic Acid HCN	10%	60	180 @ 10%	160	180	73	140	B	A	NR	NR	NR	NR	NR	A	A
Hydrofluoric Acid HF	Dilute	NR	125	73	73	180	73	B	NR	NR	NR	NR	NR	NR	NR	NR
Hydrofluoric Acid HF	30%	NR	80	NR	73	140	73	B	NR	NR	NR	NR	NR	NR	NR	NR
Hydrofluoric Acid HF	50%	NR	X	NR	NR	73	73	B	NR	NR	NR	NR	NR	NR	NR	NR
Hydrofluosilicic Acid	50%	NR	150 @ 10% 100@ 35%	X	X	X	X	X	NR	B	X	NR	NR	NR	NR	B
Hydrogen H_2	Gas	X	X	X	73	140	140	X	A	A	A	A	A	A	A	A
Hydrogen Bromine	vapor	X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydrogen Chloride	wet gas	NR	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydrogen Chlorine,	dry gas	X	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydrogen Fluoride	vapor	95	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydrogen Peroxide H_2O_2	50%	120 @ 35%	150 @ 5% 120 @ 35%	X	180	73	140	B	X	NR	NR	NR	NR	B	A	A
Hydrogen Peroxide H_2O_3	90%	X	100 @ 30%	X	180	NR	140	B	A	NR	NR	NR	NR	B	A	A
Hydrogen Sulfide H_2S	Dry	250	250	X	180	150	140	B	B	B	X	B	X	B	NR	A
Hydrogen Sulfide H_2S	Wet	X	160	X	180	X	140	X	NR	NR	NR	NR	NR	NR	B	A
Hydrogen Sulfite H_2SO_3		X	X	X	X	X	X	X	X	NR	NR	NR	NR	NR	X	A
Hydrosulfite Bleach		X	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydroiodic Acid	10%	NR	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Hypochlorous Acid HOCl	10%	104	160	73	180	73	140	X	X	X	X	X	X	X	X	X
Hypophosphorus Acid	50%	NR	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydroxyacetic Acid (Glycoloic Acid)$C_2H_4O_3$	70%	X	180 @ 10% 80 @ 70%	X	X	X	A	X	NR	X	X	X	X	X	X	X
I																
Inks		X	X	X	X	140	X	B	B	A	X	NR	NR	NR	A	A
Iodine I_2	10%	NR	150	NR	73	73	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Iodoform CHI_3		X	X	X	X	X	X	X	A	B	X	B	B	B	B	A
Iron Phosphate		X	X	X	X	X	X	X	X	NR	NR	X	X	X	X	A
Isoamyl Alcohol		NR	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Isobutane		X	X	X	X	X	X	X	X	A	A	A	A	A	X	A
Isobutyl Alcohol $(CH_3)_2CHCH_2OH$		100 @ 5% NR @ 100%	180 @ 5% 120 @ 100%	NR	NR	73	X	X	X	X	X	X	X	X	X	A
Isodecanol	100%	85	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Isononyl alcohol	100%	85	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Isooctyl Alcohol	100%	NR	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Isooctane $(CH_3)_3CCH_2CH(CH_3)_2$		X	X	X	X	NR	X	X	X	A	A	A	A	A	X	A

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Isopropyl Acetate $CH_3COOCH(CH_3)_2$		X	X	NR	NR	X	X	X	B	A	X	A	A	A	X	A
Isopropyl Alcholol $(CH_3)_2CHOH$		150 @ 10% NR @ 100%	150 @ 10 % 60 @ 100%	X	NR	212	140	X	X	A	A	A	A	A	X	A
Isopropyl Amine		NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Isopropyl Ether $(CH_3)_2CHOCH(CH_3)_2$		X	X	X	NR	NR	NR	X	A	A	A	A	A	A	X	A
Isopropyl Myristate		75	200	X	X	X	X	X	X	X	X	X	X	X	X	X
Isopropyl Palmitate	all	100	200	X	X	X	X	X	X	X	X	X	X	X	X	X
Isopropyl Sulphate	all	75	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Isothane		X	X	X	X	NR	X	X	A	X	X	X	X	X	X	X
Itaconic Acid		NR	120	X	X	X	X	X	X	X	X	X	X	X	X	X
J																
JP-3 Fuel		60	180	X	X	X	X	X	A	A	A	A	A	A	A	A
JP-4 Fuel		60	180	X	NR	NR	B	X	A	A	A	A	A	A	A	A
JP-5 Fuel		60	180	X	NR	NR	B	X	A	A	A	A	A	A	A	A
JP-6 Fuel		60	180	X	X	X	X	X	A	A	A	A	A	A	A	A
Jojoba Oil		X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
K																
Kelp Slurry		X	X	X	X	X	X	X	X	A	A	A	A	A	X	A
Kerosene		120	180	73	B	NR	B	NR	A	A	A	A	A	A	A	A
Ketchup		X	X	X	X	X	73	X	NR	NR	X	NR	NR	NR	A	A
Ketones		X	X	NR	NR	NR	NR	NR	B	A	X	A	A	A	A	A
Kraft Liquors		X	X	73	180	X	140	X	X	NR	NR	NR	NR	NR	X	A
L																
Lactic Acid $CH_3CHOHCOOH$	25%	200	210	73	180	212	140	B	B	NR	NR	NR	B	NR	A	A
Lactic Acid $CH_3CHOHCOOH$	80%	X	210	NR	NR	140	73	B	B	NR	NR	NR	B	NR	A	A
Lacquers		X	X	X	X	A	X	X	A	A	B	B	B	B	A	A
Lacquer Thinners		X	X	X	X	B	B	X	X	X	B	X	X	X	X	A
Lard Oil		X	X	X	NR	X	140	X	A	NR	NR	B	B	B	A	A
Latex		X	120	X	X	140	X	B	A	A	X	A	A	X	A	A
Lauric Acid $CH_3(CH_2)_{10}COOH$	100%	100	210	X	180	140	140	X	X	X	X	NR	NR	X	X	A
Lauryl Alcohol	all	120	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Lauryl Chloride $CH_3(CH_2)_{10}CH_2Cl$	all	120	120	X	73	X	140	X	X	X	X	NR	NR	X	X	A
Lead Acetate $Pb(CH_3COO)_2*_3H_2O$	Sat'd	160	210	X	180	180	140	B	NR	NR	X	NR	NR	NR	A	A
Lead Chloride $PbCl_2$	all	75	200	X	180	140	140	X	X	X	X	X	X	X	X	X
Lead Nitrate $Pb(NO_3)_2$	Sat'd	75	210	X	180	140	140	X	X	X	X	X	X	A	X	A

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Lead Sulfate $PbSO_4$		X	X	X	180	140	140	X	X	B	X	NR	NR	NR	X	B
Lemon Oil		X	X	X	NR	NR	X	X	X	X	X	NR	NR	X	A	A
Lenoleic Acid		X	X	X	180	180	140	X	X	NR	NR	NR	NR	NR	X	B
Levulinic Acid	all	120	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Ligroin		X	X	X	X	NR	X	X	X	A	X	X	X	X	X	A
Lignin Sulphate, PH 3-7	all	NR	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Ligninsulfonate Sodium Salt	all	NR	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Lime (Calcium Hydroxide)		NR	180	X	X	X	A	X	B	A	X	A	A	X	A	A
Lime Sulfur		X	X	X	73	73	73	X	X	NR	NR	A	A	A	X	A
Linseed Oil	100%	140	210	73	NR	140	140	X	A	A	A	A	A	A	A	A
Lithium Bromide LiBr	all	100	210	X	X	140	140	X	X	X	X	X	X	X	X	X
Lithium Carbonate	Sat'd	NR	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Lithium Chloride LiCl	all	100	210	X	X	140	140	X	X	B	X	B	B	NR	X	A
Lithium Hydroxide LiOH	Sat'd	NR	150	X	X	140	X	X	X	NR	NR	A	A	X	X	A
Lithium Hypochlorite, PH>11, active Cl>18%		NR	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Lithium Sulfate	all	100	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Lubricating Oil (ASTM #1)		X	X	X	180	NR	140	X	A	A	A	A	A	A	A	A
Lubricating Oil (ASTM #2)		X	X	X	180	NR	140	X	A	A	A	A	A	A	A	A
Lubricating Oil (ASTM #3)		X	X	X	180	NR	140	X	A	A	A	A	A	A	A	A
Ludox		X	X	X	X	X	X	X	X	NR	NR	A	A	A	X	A
M																
Magnesium Bicarbonate	all	85	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Magnesium Bisulfite	all	75	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Magnesium Carbonate $MgCO_3$	Sat'd	160	180	120	180	212	140	B	X	B	X	B	B	B	A	A
Magnesium Chloride MgCl2	Sat'd	220	220	120	180	140	140	B	NR	A	B	NR	NR	NR	B	NR
Magnesium Citrate $MgHC_6H_5O_7*_5H_2O$		X	X	X	180	X	140	X	X	X	X	X	X	X	X	X
Magnesuim Fluosilicate	37.50%	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Magnesium Hydroxide $Mg(OH)_2$	Sat'd	NR	210	X	X	A	A	B	NR	B	B	B	B	B	A	A
Magnesium Nitrate $Mg(NO_3)_2$	all	160	210	X	X	A	A	B	X	X	X	X	X	X	A	A
Magnesium Oxide MgO		X	X	160	X	X	X	X	X	A	X	X	A	X	A	A
Magnesuim Silicofluoride	37.50%	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Magnesium Sulfate (epsom salts) $MgSO_4*_7H_2O$	all	200	210	160	180	212	140	X	A	A	A	A	A	A	A	A
Maleic Acid HOOCCH=CHCOOH	Sat'd	75	200	160	180	140	140	X	B	NR	NR	NR	NR	NR	A	A
Maleic Anhydride $C_4H_2O_3$	100%	NR	200	X	X	X	X	X	X	X	X	X	X	X	X	X

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Manganese Chloride	all	100	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Manganese Nitrate	all	100	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Manganese Sulfate $MnSO_4*_4H_2O$	all	100	210	X	180	180	140	X	X	A	X	NR	NR	B	X	A
Maple Syrup	all	75	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Mash		X	X	X	X	X	X	X	X	A	X	X	X	X	A	A
Mayonnaise		X	X	X	X	A	X	X	NR	NR	X	NR	NR	NR	A	A
Melamine		NR	75	X	X	X	X	X	X	NR	X	X	X	X	NR	NR
Mercaptoacetic Acid	all	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Mercaptopropionic (-2)	10%	X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Mercuric Chloride $HgCl_2$	all	212	210	X	180	180	140	B	NR	NR	NR	NR	NR	NR	NR	NR
Mercuric Cyanide $Hg(CN)_2$	Sat'd	X	X	X	180	140	140	B	NR	NR	NR	NR	NR	NR	A	A
Mercuric Sulfate $HgSO_4$	Sat'd	X	X	X	180	140	140	X	X	NR	NR	X	X	X	X	X
Mercurous Nitrate $HgNO_3*_2H_2O$	Sat'd	X	X	X	180	140	140	X	X	NR	NR	NR	NR	NR	X	A
Mercury Hg	100%	100	210	X	180	140	140	B	B	NR	NR	A	A	A	A	A
Methacrylic Acid	40%	X	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Methanesulphonic Acid	all	X	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Methane CH_4		X	140	NR	73	73	140	X	X	A	A	A	A	A	X	A
Methanol (Methyl Alcohol) CH_3OH		NR	160	X	NR	180	140	B	B	A	A	A	A	A	A	A
Methoxyethylacetate	100%	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Methyl Acetate $CH_3CO_2CH_3$		X	X	NR	NR	140	NR	X	A	B	X	B	B	B	X	A
Methyl Acetone $C_7H_{16}O_4$		X	X	X	X	X	X	X	A	A	A	A	A	A	X	A
Methyl Alcohol CH_3OH	10%	X	150 @ 10% 80 @ 100%	X	X	X	A	X	B	B	X	X	X	B	X	A
Methyl Amine CH_3NH_2		NR	NR	X	NR	NR	NR	X	X	NR	X	A	A	B	X	A
Methyl Aniiline	100%	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Methyl Bromide CH_3Br		NR	NR	X	NR	NR	NR	NR	X	NR	X	NR	NR	B	X	B
Methyl Bromine	gas	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Methyl Cellosolve $HOCH_2CH_20CH_3$		NR	NR	X	NR	73	NR	X	A	A	X	B	B	B	X	A
Methyl Chloride CH_3Cl	Dry	NR	75	NR	NR	NR	NR	NR	NR	A	NR	A	A	A	A	A
Methyl Chloroform CH_3CCl_3		X	X	NR	NR	NR	NR	X	X	X	X	A	A	X	X	A
Methyl Ethyl Ketone (MEK) $CH_3COC_2H_5$	100%	NR	NR	NR	NR	73	NR	NR	A	A	A	A	A	A	A	A
Methyl Formate		X	X	X	X	X	X			A	X	A	A	NR		A
Methyl Isobutyl Alcohol		X	150	X	X	X	X	X	X	X	X	X	X	X	X	X

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Methyl Isobutyl Ketone $(CH_3)_2CHCH_2COCH_3$	100%	NR	75	NR	NR	73	NR	X	X	X	X	A	X	X	X	A
Methyl Isopropyl Ketone $CH_3COCH(CH_3)_2$		X	X	X	NR	X	NR	X	X	X	X	X	X	X	X	A
Methyl Methacrylate $CH_2=C(CH_3)COOCH_3$	all	NR	NR	X	NR	X	73	X	X	X	X	X	X	NR	X	X
Methyl -2 - Pentanediol -2,4	100%	NR	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Methyl Styrene	100%	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Methyl Tertiarybutyl Ether (MTBE)		X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Methylene Bromide CH_2Br_2		NR	NR	X	NR	NR	NR	X	X	X	X	X	X	X	X	X
Methylene Chloride CH_2Cl_2		NR	NR	X	NR	NR	NR	X	X	B	X	B	B	B	X	A
Methylene Chlorobromide CH_2ClBr		X	X	X	NR	X	NR	X	X	X	X	A	A	X	X	A
Methylene Iodine CH_2I_2		X	X	X	NR	NR	NR	X	X	X	X	X	X	X	X	X
Methylstyrene	100	NR	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Methylsulfuric Acid CH_3HSO_4		X	X	X	180	140	140	X	X	X	X	X	X	X	X	X
Milk		75	150	160	180	212	140	B	A	B	B	NR	NR	NR	A	A
Mineral Oil		180	210	73	180	NR	140	X	A	A	A	A	A	A	A	A
Molasses		100	180	X	180	140	140	B	A	A	A	A	A	A	A	A
Molybdenum Disulfide		X	200	X	X	X	X	X	X	X	X	X	X	X	X	X
Monochloroacetic Acid $CH_2ClCOOH$	50%	NR	120	X	X	140	140	X	X	NR	NR	NR	NR	NR	X	NR
Monochlorobenzene C_6H_5Cl		NR	NR	X	NR	73	NR	X	X	A	X	A	A	A	X	A
Monoethanolamine $HOCH_2CH_2NH_2$	100%	NR	120	X	X	X	NR	X	X	X	X	B	B	B	X	A
Monomethylhydrazine		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Morpholine C_4H_8ONH		NR	NR	X	X	140	X	X	X	B	X	B	B	B	X	B
Motor Oil	100%	100	210	X	180	NR	140	X	X	A	A	A	A	A	X	A
Muratic Acid (see HCl - Hydrocloric Acid)																
Mustard	all	X	195	X	X	A	A	X	B	B	X	B	B	B	A	A
Myristic Acid	100%	75	210	X	X	X	X	X	X	X	X	X	X	X	X	X
N																
Naphtha		150	180	X	73	73	140	NR	A	A	X	A	A	A	A	A
Naphthalene $C_{10}H_8$		60	180	X	NR	73	NR	NR	B	A	X	A	A	A	A	A
Natural Gas		60	160	73	X	73	140	X	X	A	A	A	A	A	X	A
Nickel Ammonium Sulfate		X	X	X	X	X	X	X	X	NR	NR	NR	NR	NR	X	A

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Nickel Chloride $NiCl_2$	Sat'd	60	210	160	180	180	140	B	NR	NR	X	NR	NR	NR	A	A
Nickel Nitrate $Ni(NO_3)_2*_6H_2O$	Sat'd	150	210	160	180	180	140	X	X	NR	X	NR	NR	NR	X	A
Nickel Sulfate $NiSO_4$	Sat'd	150	210	160	180	180	140	B	NR	NR	X	NR	NR	NR	A	X
Nicotine $C_{10}H_{14}N_2$		X	X	X	180	X	140	X	X	X	X	X	X	X	X	A
Nicotinic Acid C_5H_4NCOOH		X	110	X	180	X	140	X	X	B	X	NR	NR	NR	X	B
Nitric Acid HNO_3	<10%	150	160	NR	180	180	140	B	NR	NR	NR	NR	NR	NR	A	A
Nitric Acid HNO_3	30%	NR	100	NR	B to 130	140	140	B	NR	NR	NR	NR	NR	NR	A	A
Nitric Acid HNO_3	40%	NR	85	NR	B to 120	73	140	B	NR	NR	NR	NR	NR	NR	A	A
Nitric Acid HNO_3	50%	NR	75	NR	110	NR	100	B	NR	NR	NR	NR	NR	NR	A	A
Nitric Acid HNO_3	70%	NR	X	NR	100	NR	73	NR	NR	NR	NR	NR	NR	NR	B	A
Nitric Acid HNO_3	Fuming	NR	180	X	X	X	X	X	X	NR	NR	NR	NR	NR	X	A
Nitrobenzene $C_6H_5NO_2$		NR	NR	NR	NR	NR	NR	NR	B	B	X	A	A	A	A	A
Nitrogen N_2	Gas	140	210	X	X	X	X	X	X	A	A	A	A	A	X	A
Nitrogen Tetroxide		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Nitroglycerin $CH_2NO_3CHNO_3CH_2NO_3$		X	X	X	X	X	NR	X	X	B	X	X	B	B	X	A
Nitrous Acid HNO_2	10%	X	75	X	180	NR	140	X	X	NR	NR	NR	NR	NR	X	B
Nitrous Oxide N_2O		X	X	X	73	73	73	X	X	B	X	NR	B	B	X	A
N-methyl-2-pyrrolidone (NMP)	3%	X	100	X	X	X	X	X	X	X	X	X	X	X	X	X
N-methyl-2-pyrrolidone (NMP)	100%	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Nonanes	100%	100	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Nonenes	100%	100	210	X	X	X	X	X	X	X	X	X	X	X	X	X
O																
Octane C_8H_{18} (n-)	100%	100	210	X	NR	X	X	X	X	A	A	A	A	A	X	A
Octanoic Acid	all	100	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Oil, Sweet or Sour Crude	100%	150	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Oleic Acid	100%	150	210	X	X	B	A	NR	B	B	B	B	B	B	A	A
Oleum (Sulfuric Acid) $xH_2SO_4*ySO_3$	Fuming	NR	NR	NR	NR	NR	NR	X	B	B	B	X	X	B	X	A
Olive Oil	100%	150	210	160	NR	73	140	X	A	A	A	A	A	A	A	A
Orange Oil	100%	X	210	X	X	A	X	X	X	X	X	X	X	X	A	A
Oxalic Acid $HOOCCOOH*_2H_2O$	50%	150	210	160	180	140	140	A	B	B	B	NR	NR	NR	A	A
Oxygen O_2	Gas	X	X	160	180	NR	140	X	X	A	A	A	A	A	X	A
Ozone O_3	all	NR	80	X	180	NR	140	X	X	A	A	A	A	A	X	A

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P																
Palm Oil	100%	X	210	X	X	73	A	X	A	NR	X	NR	NR	NR	A	A
Palmitic Acid $CH_3(CH_2)_{14}COOH$	10%	X	210	73	73	180	140	X	X	B	A	B	B	B	X	A
Palmitic Acid $CH_3(CH_2)_{14}COOH$	70%	X	210	X	73	180	73	X	X	B	A	B	B	B	X	A
Palmitic Acid $CH_3(CH_2)_{14}COOH$	100%	75	210	X	X	X	X	X	X	X	X	X	X	X	X	A
Palmitoyl Chloride	all	100	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Parafin $C_{36}H_{74}$	100%	100	195	73	180	140	140	X	A	A	X	B	A	A	A	A
Peanut Oil	100%	100	195	X	NR	140	A	X	A	A	X	A	A	X	A	A
n-Pentane $CH_3(CH_2)_3CH_3$	100%	95	95	NR	NR	NR	NR	X	A	A	A	A	A	A	B	A
Pentanedioic Acid	all	100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Pentasodium Triphosphate ($Na_5O_{10}P_3$)	all	100	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Pentene	100%	85	85	X	X	X	X	X	X	X	X	X	X	X	X	X
Peppermint Oil		X	X	X	X	NR	X	X	X	A	X	X	X	X	A	A
Peracetic Acid CH_3COOOH	40%	NR	75	NR	X	73	73	X	X	X	X	X	X	X	X	X
Perchloric Acid $HClO_4$	10%	NR	150	X	X	X	X	X	X	X	X	NR	X	X	X	A
Perchloric Acid $HClO_4$	30%	NR	100	X	X	X	X	X	X	X	X	NR	X	X	X	A
Perchloric Acid $HClO_4$	70%	NR	75	73	180	NR	73	X	X	X	X	NR	X	X	X	B
Perchloroethylene (Tetrachloroethylene) $Cl_2C=CCl_2$	100%	70	100	NR	NR	NR	NR	X	A	B	X	B	B	B	A	A
Perphosphate		X	X	X	73	140	73	X	X	X	X	X	X	X	X	X
Petrolatum		X	X	X	X	X	X	X	B	B	X	B	B	B	X	A
Phenol C_6H_5OH (Carbolic acid)		NR	NR	NR	73	73	73	X	X	A	X	NR	NR	NR	A	A
Phenol Formaldehyde Resin	all	X	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Phenylhydrazine $C_6H_5NHNH_2$		X	X	X	NR	NR	NR	NR	B	X	X	X	X	X	X	X
Phenolsulphonic Acid	all	NR	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Phosphate Esters		X	X	X	X	X	X	X	X	NR	X	NR	NR	X	X	A
Phosphoric Acid H_3PO_4	10%	150	210	X	180	212	140	B	NR	NR	NR	NR	NR	NR	B	A
Phosphoric Acid H_3PO_4	50%	150	210	73	180	212	140	B	NR	NR	NR	NR	NR	NR	B	A
Phosphoric Acid H_3PO_4	85%	150	210	X	180	212	140	B	NR	NR	NR	NR	NR	NR	B	A
Phosphoric Anhydride P_2O_5		X	X	X	73	73	73	X	X	X	NR	X	X	NR	A	A
Phosphorus Pentoxide P_2O_5		150	160	X	73	73	73	X	X	X	X	X	X	B	X	A
Phosphorus Trichloride PCl_3	100%	NR	NR	X	NR	73	NR	X	X	X	X	X	X	X	X	A

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Photographic Solutions		X	X	X	180	140	140	B	B	X	X	X	NR	X	B	A
Phthalic Acid $C_6H_4(COOH)_2$	100%	150	210	X	X	140	NR	X	X	A	X	B	B	NR	X	A
Phthalic Anhydride $C_6H_4(CO)_2O$		X	210	X	X	X	X	X	B	B	X	B	B	X	A	B
Pickling Acids		150	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Picric Acid $C_6H_2(NO_2)_3OH$	10%	150	100	NR	NR	73	NR	A	B	NR	NR	NR	NR	NR	A	A
Pine Oil	100%	120	195	X	NR	140	A	X	A	NR	X	B	B	B	A	A
Piperazine Dihydrochloride	all	X	110	X	X	X	X	X	X	X	X	X	X	X	X	X
Plating Solutions (Antimony)		X	X	X	X	A	A	X	X	X	X	X	X	X	X	A
Plating Solutions (Arsenic)		X	X	X	X	A	A	X	X	X	X	X	X	X	X	A
Plating Solutions (Brass)		X	X	X	180	140	140	X	X	X	X	X	X	X	X	A
Plating Solutions (Cadmium)		NR	180	X	180	140	140	X	X	X	X	X	X	X	X	A
Plating Solutions (Chrome)		NR	120	X	180	140	140	X	X	X	X	X	X	X	X	A
Plating Solutions (Copper)		X	160	X	180	140	140	X	X	X	X	X	X	X	X	X
Plating Solutions (Gold)		X	100	X	180	140	140	X	X	X	X	X	X	X	X	A
Plating Solutions (Lead)		X	180	X	180	140	140	X	X	X	X	X	X	X	X	B
Plating Solutions (Nickel)		X	180	X	180	140	140	X	X	X	NR	X	X	X	X	A
Plating Solutions (Platinum)		X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Plating Solutions (Rhodium)		X	X	X	180	140	140	X	X	X	X	X	X	X	X	NR
Plating Solutions (Silver)		X	180	X	180	140	140	X	X	X	X	X	X	X	X	A
Plating Solutions (Tin)		X	200	X	180	140	140	X	X	X	X	X	X	X	X	B
Plating Solutions (Zinc)		X	180	X	180	140	140	X	X	X	X	X	X	B	X	B
Pluronic Surfactant 25R-2	all	140	140	X	X	X	X	X	X	X	X	X	X	X	X	X
Polyacrylamide	all	NR	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Polyester resisns (styrenated)	100%	NR	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Polyethylene Glycol	all	85	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Polyols	all	100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Polyphosphoric Acid (115%)		NR	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Polysulfide Liquor		X	X	X	X	X	X	X	X	NR	NR	B	B	X	X	B
Polyvinyl Acetate		60	160	X	X	X	X	X	X	B	X	A	A	NR	X	B
Polyvinyl Alcohol	all	60	120													
Potash		X	X	X	X	A	A	B	B	B	X	B	X	X	A	X
Potassium Alum		X	X	X	180	X	140	X	X	X	X	X	X	X	X	X
Potassium Aluminum Sulphate		170	210	X	180	X	140	X	X	X	NR	X	X	NR	X	A
Potassium Bicarbonate $KHCO_3$	Sat'd	60	150 @ 10% 140 @ 50%	X	180	140	140	B	B	X	X	X	X	A	A	A
Potassium Bichromate $K_2Cr_2O_7$	Sat'd	X	X	X	180	140	140	X	X	X	B	X	X	B	X	A
Potassium Bisulfate $KHSO_4$		X	X	X	180	212	140	X	X	B	X	NR	NR	NR	X	A

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		GFRPC POLYESTER	GFRPC VINYL ESTER	ABS	CPVC	PP	PVC	HDPE	ALUMINUM	BRONZE	BRASS	GRAY IRON	DUCTILE IRON	CARBON STEEL	304 STAINLESS	316 STAINLESS
Potassium Bromate $KBrO_3$	all	100	210	X	180	212	140	X	X	X	X	NR	A	A	X	A
Potassium Bromide KBr	all	100	210	X	180	212	140	B	B	B	X	NR	NR	NR	A	A
Potassium Carbonate (Potash) K_2CO_3		60	150 @ 10% 140 @ 50%	73	180	180	140	B	B	B	B	A	A	A	A	A
Potassium Chlorate (Aqueous) $KClO_3$		100	195	160	180	212	140	B	B	B	X	A	A	A	A	A
Potassium Chloride KCl		150	210	160	180	212	140	B	B	B	A	B	B	B	A	B
Potassium Chromate K_2CrO_4		100	210	X	180	212	140	B	A	A	X	B	B	B	X	A
Potassium Cyanide KCN		NR	150	X	180	180	140	B	NR	NR	NR	B	B	B	A	A
Potassium Dichromate $K_2Cr_2O_7$	Sat'd	100	210	X	180	180	140	B	A	B	X	B	B	NR	A	A
Potassium Ferricyanide $K_3Fe(CN)_6$		150	210	X	180	180	140	X	X	NR	X	B	B	NR	X	A
Potassium Ferrocyanide $K_4Fe(CN)_6*_3H_2O$		100	210	X	180	180	140	A	B	B	NR	NR	NR	NR	A	A
Potassium Fluoride KF		100	X	X	180	180	140	X	X	X	X	X	X	X	X	A
Potassium Hydroxide KOH	25%	NR	150 @ 10% 110 @ 25%	160	180	212	140	X	X	NR	X	B	B	B	X	A
Potassium Hydroxide KOH	50%	NR	X	X	X	A	A	B	NR	NR	NR	B	B	A	B	B
Potassium Hypochlorite KClO		X	X	160	180	X	140	X	X	NR	X	X	X	NR	X	A
Potassium Iodide KI		100	140	X	180	73	73	X	X	B	X	X	X	B	X	A
Potassium Nitrate KNO_3		150	210	160	180	140	140	B	B	A	B	B	B	B	A	A
Potassium Orthophosphate, tribasic $K_3O_4P_{12}H_2O$		NR	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Potassium Oxalate	all	NR	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Potassium Perborate KBO_3		X	X	X	180	140	140	X	X	X	X	X	X	X	X	X
Potassium Perchlorate $KClO_4$		X	X	X	180	140	140	X	X	X	X	X	X	X	X	X
Potassium Permanganate $KMnO_4$	10%	60	210	X	180	73	140	B	B	B	X	A	A	A	A	A
Potassium Permanganate $KMnO_4$	25%	NR	210	X	180	73	73	B	B	B	X	A	A	A	A	A
Potassium Persulfate $K_2S_2O_8$		60	210	X	180	140	140	X	X	X	X	X	X	X	X	X
Potassium Sulfate K_2SO_4		150	210	160	180	180	140	B	A	A	B	A	A	A	A	A
Potassium Sulfide K_2S		X	X	X	180	140	A	X	B	NR	NR	NR	NR	NR	A	B
Potassium Sulfite $K_2SO_3*_2H_2O$		X	X	X	180	140	X	X	X	B	X	NR	NR	NR	X	A
Potassium Tetraborate		X	X	X	X	X	X	X	X	X	X	X	A	A	X	A
Potassium Tripolyphosphate		X	X	X	X	X	X	X	X	X	X	A	X	A	X	A
Propane C_3H_8		X	160	X	73	73	140	X	B	A	A	A	A	A	A	A
Propargyl Alcohol		X	X	X	NR	140	140	X	X	X	X	X	X	X	X	X

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Propionic Acid $CH_3CH_2CO_2H$		75@20% NR@100%	200 @ 20% 180 @ 50% NR @ 100%	NR	NR	140	X	X	X	X	X	X	X	X	X	A
Propyl Acetate		X	X	X	X	X	X	X	X	X	A	X	X	A	X	A
Propyl Alcohol $CH_3CH_2CH_2OH$		NR	120	73	NR	140	140	X	X	A	A	A	A	A	X	A
Propylamine (n-)		NR	75@40% NR@100%	X	X	X	X	X	X	X	X	X	X	X	X	X
n-Propyl Bromide		X	X	X	X	X	X	X	X	B	X	B	B	B	X	A
Propylene Glycol	<25%	85	210	X	X	X	X	B	A	A	A	A	A	A	B	A
Propylene Glycol	>25%	85	210	X	X	X	X	B	A	A	A	A	A	A	B	A
Propylene Oxide CH_3CHCH_2O		X	X	X	NR	73	NR	X	X	X	X	X	X	A	X	A
n-Propyl Nitrate		X	X	X	X	X	X	X	X	X	X	A	A	X	X	A
Pulp Paper Mill Effluent		60	160													
Pyridine $N(CH_4)CH$		NR	NR	X	NR	NR	NR	B	B	B	X	B	B	B	B	B
Pyrogallic Acid $C_6H_3(OH)_3$		X	X	X	X	X	73	X	B	A	X	A	A	A	A	A
Pyrrole		X	X	X	X	X	X	X	X	B	X	B	B	B	X	B
Q																
Quarternary Ammonium Salts	25%	100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Quinone $C_6H_4O_2$		X	X	X	X	140	X	X	X	X	X	A	A	X	X	A
R																
Rape Seed Oil		X	X	X	X	X	A	X	X	A	X	X	X	X	A	A
Rayon Spin Bath		NR	140	X	X	X	X	X	X	X	X	X	X	X	X	X
Ref. Fuel C (Isooctane/Toluene)	100%	NR	140	X	X	X	X	X	X	X	X	X	X	X	X	X
Renex Detergents	all	X	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Rosin		100	195	X	X	A	X	X	A	NR	X	NR	NR	NR	A	A
Rum		X	X	X	X	A	A	X	X	X	X	X	X	X	A	X
Rust Inhibitors		X	X	X	X	A	X	X	X	A	X	A	X	X	A	X
S																
Salicylaldehyde	100%	NR	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Salicylic Acid $C_6H_4(OH)(COOH)$	all	75	140	X	X	140	140	X	X	B	X	NR	NR	NR	X	A
Sebacic Acid		X	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Secondary Butyl Alcohol		NR	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Selenic Acid H_2SeO_4	all	75	210	X	180	X	140	X	X	X	X	X	X	X	X	X
Sesame Seed Oil		X	X	X	X	X	A	X	A	A	X	A	A	X	A	A
Shellac (Bleached)		X	X	X	X	A	X	X	A	A	B	B	B	A	A	X

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Shellac (Orange)		X	X	X	X	A	X	X	A	A	B	B	B	A	A	X
Silicic Acid SiO_2*nH_2O		X	250	X	180	140	140	X	X	X	X	X	X	X	X	X
Silicone		X	X	X	X	A	X	X	B	A	X	X	X	X	B	X
Silicone Oil / Grease	100%	100	195	X	180	212	73	X	X	A	A	A	A	A	A	A
Silver Bromide		X	X	X	X	X	X	X	NR	X	X	X	X	X	B	B
Silver Chloride AgCl		X	X	160	180	140	140	X	X	NR	NR	NR	NR	NR	X	NR
Silver Cyanide AgCN		X	200	X	180	180	140	X	X	NR	NR	NR	NR	NR	X	A
Silver Nitrate $AgNO_3$		150	210	160	180	180	140	B	NR	NR	NR	NR	NR	NR	A	A
Silver Sulfate Ag_2SO_4		X	X	160	180	140	140	X	X	X	X	X	X	X	X	X
Soaps		60	160	73	180	140	140	B	B	B	X	B	B	B	A	A
Sodium Acetate CH_3COONa	Sat'd	60	210	X	180	212	140	B	B	A	X	B	B	NR	A	A
Sodium Alkyl Aryl Sulfonates		X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Aluminate Na2Al2O_4	Sat'd	NR	120	X	X	X	140	X	B	NR	X	B	B	A	X	A
Sodium Benzoate C_6H_5COONa		60	180	X	180	140	140	X	X	X	X	X	X	X		X
Sodium Bicarbonate $NaHCO_3$		85	180	73	180	212	140	B	A	A	B	A	A	C	A	A
Sodium Bichromate	Sat'd		X	X	X	X	X			NR	X	X	X	X		A
Sodium Bifluoride		60	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Bisulfate $NaHSO_4$		150	210	73	180	140	140	B	NR	NR	NR	NR	NR	NR	A	A
Sodium Bisulfite $NaHSO_3$		150	210	X	180	140	140	X	X	B	X	NR	NR	NR	X	A
Sodium Borate (Borax) $Na_2B_4O_7$*$_{10}H_20$	Sat'd	X	210	160	180	180	140	A	B	A	X	B	B	X	A	A
Sodium Bromate	all	100	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Bromide NaBr	Sat'd	150	210	120	180	140	140			B	X	NR	NR	NR		A
Sodium Butyl Xanthane	5%	X	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Carbonate Na_2CO_3		60 @ 25%	180 @ 10% 160 @ 35%	73	180	212	140	B	B	A	B	A	A	A	A	A
Sodium Chlorate $NaClO_3$	Sat'd	60	210	X	180	140	73	B	B	A	X	B	B	B	A	A
Sodium Chloride NaCl		60	210	120	180	212	140	B	B	B	A	B	B	B	A	B
Sodium Chlorite $NaClO_2$	25%	60	160 @ 10% 100 @ 50%	X	180	73	NR	X	X	X	X	X	X	X	X	X
Sodium Chromate Na_2CrO_4*$_4H_2O$		75 @ 50%	210 @ 50%	120	180	140	X	X	NR	A	X	B	B	B	A	A
Sodium Crude Oil		150	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Cyanide NaCN		NR	210 @ 5% 150 @ 15%	X	180	180	140	B	NR	275	NR	NR	A	A	A	A
Sodium Dichromate $Na_2Cr_2O_7$*$_2H_2O$	20%	150	210	X	180	180	140	X	X	NR	X	B	B	B	X	A
Sodium Dihydrogen Phosphate	all	100	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Diphosphate		150	210	X	X	X	X	X	X	X	X	X	X	X	X	X

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Sodium Dodecylbenzene Sulphonate	all	X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Ethyl Xanthate	5%	X	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Ferricyanide $Na_3Fe(CN)_6*_2H_2O$	Sat'd	150	210	X	180	140	140	X	X	NR	X	NR	NR	X	X	A
Sodium Ferrocyanide $Na_3Fe(CN)_6*_{10}H_2O$	Sat'd	100	210	X	180	140	140	X	X	X	X	X	X	X	X	A
Sodium Fluoride NaF	all	85	180	120	180	180	140	B	B	A	X	NR	NR	NR	B	A
Sodium Fluorosilicate	all	75	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Hexametaphosphate	all	100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Hydrosulfide	all	NR	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Hydrosulfite $Na_2S_2O_4$	all	NR	100	X	X	X	B	X	A	B	X	X	X	X	X	X
Sodium Hydroxide NaOH	<10%	150	150	X	X	X	X	B	NR	A	X	X	A	A	A	A
Sodium Hydroxide NaOH	30%	NR	150	120	180	212	140	B	NR	A	X	X	B	B	A	A
Sodium Hydroxide NaOH	50%	NR	150	120	180	212	140	B	NR	B	NR	B	B	B	A	A
Sodium Hydroxide NaOH	70%	NR	X	120	180	212	140	B	NR	NR	NR	B	B	B	A	A
Sodium Hypochlorite (Bleach) $NaOCl*_5H_2O$		60	140	120	180	73	73	B	B	NR	NR	NR	NR	NR	NR	NR
Sodium Hyposulfate $Na_2S_2O_6$		X	X	X	X	X	X	X	NR	NR	X	X	X	X	A	A
Sodium Lauryl Sulfate		150	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Metaphosphate $(NaPO_3)n$		X	X	X	180	120	140	X	A	NR	X	NR	NR	NR	X	A
Sodium Metasilicate		X	X	X	X	X	X	X	B	B	X	B	B	B	X	A
Sodium Monophosphate		150	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Nitrate $NaNO_3$	Sat'd	150	210	160	180	180	140	B	A	A	B	A	A	A	A	A
Sodium Nitrite $NaNO_2$		X	210	160	180	73	140	X	X	A	X	B	B	B	X	A
Sodium Orthophosphate, Tribasic $Na_3O_4P_{12}H_2O$	all	NR	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Oxalate		100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Perborate $NaBO_3*_4H_2O$		X	X	120	180	73	140	X	B	NR	X	B	B	B	X	A
Sodium Perchlorate $NaClO_4$		X	X	X	180	212	140	X	X	X	X	X	X	X	X	X
Sodium Persulphate		100	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Peroxide Na_2O_2	10%	X	60	X	180	X	140	X	B	NR	NR	NR	NR	NR	A	A
Sodium Phosphate NaH_2PO_4	Acid	X	160	120	180	212	140	X	NR	B	B	B	B	B	A	A
Sodium Phosphate NaH_2PO_5	Alkaline	X	150	X	120	180	212	X	NR	B	B	B	B	B	A	A
Sodium Phosphate NaH_2PO_6	Neutral	X	150	X	120	180	212	X	NR	B	B	B	B	B	A	A
Sodium Polyacrylate		X	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Silicate		60	210	X	180	140	140	X	B	NR	X	A	A	A	A	A

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Sodium Sulfate Na_2SO_4	Sat'd	150	210	160	180	212	140	B	B	A	B	A	A	A	A	A
Sodium Sulfide $NaSO_3$	Sat'd	60	210	160	180	212	140	B	NR	NR	NR	B	B	NR	A	A
Sodium Sulfite Na_2SO_3	Sat'd	60	210	160	180	212	140	X	X	A	X	B	B	B		A
Sodium Tartrate	all	100	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Tetraborate		150	200	X	X	X	A	X	X	X	X	X	X	X	X	A
Sodium Thiocyanate		100	180 @ 57%	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Thiosulfate $Na_2S_2O_3*_5H_2O$		60	180	X	180	180	140	X	B	B	X	NR	NR	NR	A	A
Sodium Triphosphate		60	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Sodium Xylene Sulfonate		60	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Sorbitol		100	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Sorghum		X	X	X	X	X	X	X	X	X	X	A	A	X	A	A
Sour Crude Oil		X	X	X	X	140	140			NR	X	A	A	A		A
Soya Oil		150	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Soybean Oil		100	210	X	X	73	A	X	A	A	X	A	A	B	A	A
Soy Sauce		X	110	X	X	X	X	X	A	A	X	NR	NR	X	A	A
Span Surfactant	all	X	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Sperm Oil		X	X	X	X	X	A	X	X	A	X	X	X	X	A	A
Spermint Oil	100%	100	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Stannic Chloride $SnCl_4$	Sat'd	150	210	X	180	140	140	B	NR	NR	NR	NR	NR	NR	NR	NR
Stannic Fluoborate		X	X	X	X	X	X	X	X	X	X	NR	NR	X	X	A
Stannous Chloride $SnCl_2$	15%	150	210	120	180	140	140	A	NR	NR	NR	NR	NR	NR	NR	A
Stannous Sulphate	all	100	195	X	X	X	X	X	X	X	X	X	X	X	X	X
Starch		100	210	X	180	140	140	B	A	B	B	B	B	B	A	A
Steam (low pressure)		X	X	X	X	X	X	X	X	A	A	A	A	A	X	A
Steam (medium pressure)		X	X	X	X	X	X	X	X	A	A	A	A	A	X	A
Steam (high pressure)		X	X	X	X	X	X	X	X	NR	NR	NR	B	A	X	A
Stearic Acid $CH_3(CH_2)_{16}COOH$		150	210	X	180	73	140	B	B	A	B	NR	NR	NR	A	A
Stoddard's Solvent		X	X	X	NR	NR	NR	D	A	A	A	A	A	A	A	A
Styrene $C_6H_5CH=CH_2$		NR	100	X	X	73	X	X	A	B	X	B	B	B	A	A
Styrene Acrylic Emulsion		X	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Styrene Butadiene Latex		X	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Succinic Acid $COOH(CH_2)_2COOH$		85	180	X	180	140	140	X	X	A	X	A	A	A	X	A
Succinonitrile (aqueous)		75	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Sugar $C_6H_{12}O_6$		150	210	X	180	X	140	X	A	NR	X	B	B	NR	A	A
Sulfamic Acid HSO_3NH_2	20%	60	210 @ 10% 150 @ 25%	X	NR	180	NR	X	X	B	X	NR	NR	NR	X	A

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		GFRPC POLYESTER	GFRPC VINYL ESTER	ABS	CPVC	PP	PVC	HDPE	ALUMINUM	BRONZE	BRASS	GRAY IRON	DUCTILE IRON	CARBON STEEL	304 STAINLESS	316 STAINLESS
Sulfanilic Acid		NR	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Sulfate Liquors (Oil)	6%	X	200	X	180	140	140	X	B	NR	NR	B	A	X	B	A
Sulfated Detergents		60	160	X	X	X	X	X	X	X	X	X	X	X	X	X
Sulfite Liquors	6%	NR	200	73	180	X	140	X	X	X	X	X	X	NR	X	A
Sulfonyl Chloride (aromatic)		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Sulfur S		X	210	X	180	212	140	X	X	NR	NR	B	B	NR	X	A
Sulfur Chloride S_2Cl_2		NR	NR	X	X	NR	A	A	NR	NR	NR	NR	NR	NR	NR	NR
Sulfur Dichloride		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Sulfur Dioxide SO_2	Gas (Dry)	NR	210 @ 5%	NR	73	140	140	NR	A	A	A	A	A	A	A	A
Sulfur Dioxide SO_3	Gas (Wet)	NR	211 @ 5%	NR	NR	140	73	B	A	NR	NR	X	X	X	A	A
Sulfur Trioxide SO_3	Gas	NR	210	X	NR	X	73	X	A	NR	NR	X	X	X	B	B
Sulfuric Acid H_2SO_4	<30%	150	210	120	180	180	140	B	B	NR	NR	NR	NR	NR	NR	A
Sulfuric Acid H_2SO_4	50%	85	180	73	180	140	140	B	NR	NR	NR	NR	NR	NR	NR	A
Sulfuric Acid H_2SO_4	70%	NR	180	NR	180	73	140	X	NR	NR	NR	NR	NR	NR	NR	B
Sulfuric Acid H_2SO_4	90%	NR	NR	NR	150	73	73	X	NR	NR	NR	NR	NR	NR	NR	NR
Sulfuric Acid H_2SO_4	100%	NR	NR	NR	NR	NR	NR	X	NR	NR	NR	NR	NR	NR	NR	NR
Sulfurous Acid H_2SO_3	Sat'd	NR	100 @ 10%	X	180	140	140	B	B	NR	NR	NR	NR	NR	B	A
Sulfuric Acid & Ferrous Sulfate	10/sat'd	X	200	X	X	X	X	X	X	X	X	X	X	X	X	X
Sulfuric & Phosphoric Acids		X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Sulfuryl Chloride		NR	NR	X	X	X	A	X	X	X	X	X	X	X	X	X
Superphosphoric Acid		60	160	X	X	X	X	X	X	X	X	X	X	X	X	X
T																
Tall Oil		60	150	X	NR	180	140	X	X	NR	X	B	B	B	A	A
Tallow		X	X	X	X	X	X	B	A	X	X	X	X	X	A	A
Tannic Acid $C_{76}H_{52}O_{46}$	all	75	210	NR	180	73	140	B	B	A	X	B	B	NR	A	A
Tanning Liquors		X	X	160	180	73	140	X	B	A	X	B	X	X	A	A
Tar		X	X	X	NR	X	NR	X	X	A	A	A	A	A	X	A
Taric Acid $HOOC(CHOH)_2COOH$	all	150	210	160	180	140	140	B	B	A	NR	NR	NR	NR	A	A
Tert-Amylmethyl Ether (TAME)		X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Tetrachloroethane $CHCl_2CHCl_2$		NR	NR	X	X	B	NR	X	X	X	X	X	X	X	X	A
Tetrachloroethylene $Cl_2C=CCl_2$ (Perchloroethene)	100%	60	120	NR	NR	NR	NR	X	X	X	X	X	X	X	X	X
Tetrachloromethane	100%	NR	150	X	X	X	X	X	X	X	X	X	X	X	X	X
Tetrachloropyridine	100%	NR	110	X	X	X	X	X	X	X	X	X	X	X	X	X
Tetraethyl Lead $Pb(C_2H_5)_4$		X	X	X	73	73	73	X	X	A	X	X	B	B	X	X

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Tetrapotassium Pyrophosphate		100 @ 5%	210 @ 5% 150 @ 60%	X	X	X	X	X	X	X	X	X	X	X	X	X
Tetrahydrofuran C_4H_8O		X	X	NR	NR	NR	NR	NR	NR	NR	X	NR	NR	A	A	A
Tetrasodium Ethylenediamine (Tetracetic Acid Salts)	all	NR	140	X	X	X	X	X	X	X	X	X	X	X	X	X
Tetrasodium Pyrophosphate		100 @ 5%	210 @ 5% 150 @ 60%	X	X	X	X	X	X	X	X	X	X	X	X	X
THF (Tetrahydrofuran)		NR	100 @ 5% NR @ 60%	X	X	X	X	X	X	X	X	X	X	X	X	X
Textone 7		X	200	X	X	X	X	X	X	X	X	X	X	X	X	X
Thioglycolic Acid		NR	100 @ 10% 85 @ 80% NR @ 100%	X	X	X	X	X	X	X	X	X	X	X	X	X
Thionyl Chloride $SOCl_2$		NR	NR	X	NR	NR	NR	X	X	X	X	X	X	X	X	X
Thread Cutting Oils		X	X	X	73	73	73	X	X	A	X	A	A	A	X	A
Titanium Tetrachloride $TiCl_4$		X	X	X	X	140	NR	X	X	NR	X	X	X	NR	X	B
Tobias Acid (2-Naphthylamine Sulfonic Acid)		X	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Toluene (Toluol) $CH_3C_6H_5$		NR	60	NR	NR	NR	NR	NR	A	A	A	A	A	A	A	A
Toluene Di-isocyanate (TDI)		NR	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Toluene Diisocyanate	Fumes	X	80	X	X	X	X	X	X	X	X	X	X	X	X	X
Toluene Sulfonic Acid		NR	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Toluidine		NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Tomato Juice		X	X	X	180	212	140	X	A	B	X	NR	NR	B	A	A
Transformer Oil		NR	210	X	180	73	140	X	X	A	X	X	A	A	X	A
Tributyl Phosphate $(C_4H_9)_3PO_4$		NR	75	X	NR	NR	NR	X	X	B	X	A	A	A	X	A
Trichloroacetaldehyde		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Trichloroacetic Acid CCl_3COOH	50%	60	210	X	X	140	140	X	X	B	X	NR	NR	NR	X	B
Trichlorethane $C_2H_3Cl_3$		NR	100	X	X	X	X	X	B	B	X	B	B	X	B	A
Trichloroethylene $CHCl=CCl_2$		NR	NR	NR	NR	NR	NR	N	B	A	A	B	B	B	A	A
Trichlorophenol		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Trichloropropane $C_3H_5Cl_3$		X	X	X	X	X	X	X	X	A	X	X	X	X	X	A
Tricresylphosphate $C_{21}H_{21}O_4P$		NR	120	X	X	X	NR	X	X	A	X	X	X	X	X	A
Tridecylbenzene Sulfonate		60	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Triethanolamine $(HOCH_2CH_2)_3N$		NR	120	NR	73	140	73	X	X	NR	X	NR	NR	NR	X	A
Triethylamine $(C_2H_5)_3N$		NR	75	X	X	NR	140	X	X	A	X	X	X	X	X	X

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Triethylamine Chlorobromide		NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Triethylamine Hydrochloride		NR	130	X	X	X	X	X	X	X	X	X	X	X	X	X
Triphenyl Phosphate	100%	NR	140	X	X	X	X	X	X	X	X	X	X	X	X	X
Triphenyl Phosphite	100%	NR	140	X	X	X	X	X	X	X	X	X	X	X	X	X
Tripotassium Phosphate $K_5O_{10}P_3$		NR	180 @ 0.03% 140 @ 100%	X	X	X	X	X	X	X	X	X	X	X	X	X
Trimethylpropane $(CH_2OH)_3C_3H_5$		X	X	X	X	140	73	X	X	X	X	X	X	X	X	X
Trypropyl Amine -N	all	NR	120	X	X	X	X	X	X	X	X	X	X	X	X	X
Tripropylene Glycol	all	85	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Trisodium Phosphate $Na_3PO_4*_{12}H_2O$		60	175	73	180	140	140	X	X	NR	X	B	B	X	X	A
Tung Oil	100%	100	210	X	X	X	X	X	X	B	X	B	B	B	X	A
Turbine Oil		X	100	X	X	X	A	X	A	A	X	A	A	X	A	A
Turpentine	all	75	210	NR	NR	NR	140	NR	B	A	A	A	A	A	A	A
Tween Surfactant	all	X	150	X	X	X	X	X	X	X	X	X	X	X	X	X
U																
Uranium extraction		X	180	X	X	X	X	X	X	X	X	X	X	X	X	X
Urea $CO(NH_2)_2$	all	85	150	X	180	180	140	X	X	X	X	X	NR	NR	X	X
Urea Formaldehyde Resins PH>7	all	75	75	X	X	X	X	X	X	X	X	X	X	X	X	X
Urine		X	X	160	180	180	140	B	B	X	X	NR	NR	NR	A	A
V																
Varsol Solvent	100%	X	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Varnish		X	X	X	X	A	X	X	A	A	B	NR	NR	NR	A	A
Varsene (NaEDTA)	all	NR	140	X	X	X	X	X	X	X	X	X	X	X	X	X
Vaseline (Petroleum Jelly)		X	X	X	NR	140	NR	X	X	X	X	A	A	A	X	A
Vegetable Juice		X	X	X	X	X	X	X	A	B	X	NR	NR	X	A	A
Vegetable Oil		150	210	X	NR	140	NR	X	X	A	X	X	A	A	X	A
Vinegar		150	210	73	150	140	140	B	NR	NR	NR	NR	NR	NR	A	A
Vinyl Acetate $CH_3COOCH=CH_2$		NR	NR	X	NR	73	NR	X	X	B	B	B	B	X	X	X
Vinyl Chloride	100%	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
Vinyl Toluene	100%	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Vinylidene Chloride (-1,1-dichloroethylene)	100%	NR	NR	X	X	X	X	X	X	X	X	X	X	X	X	X
W																
Water (Acid Mine) H_2O		X	X	160	180	140	140	X	B	NR	NR	NR	NR	NR	A	A
Water (Deionized) H_2O		150	180	160	180	140	140	X	X	B	NR	NR	NR	NR	X	A

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Water (Distilled) H_2O		150	180	160	180	212	140	X	B	A	B	NR	NR	NR	A	A
Water (Potable) H_2O		150	160	160	180	212	140	NR	A	A	A	B	B	B	A	A
Water (Salt) H_2O		150	160	160	180	212	140	X	B	B	NR	NR	NR	NR	A	A
Water (Sea) H_2O		150	210	160	180	212	140	B	B	B	NR	NR	NR	NR	A	A
Water (Soft) H_2O		150	160	160	180	212	140	X	X	A	B	NR	NR	B	X	A
Water (Waste) H_2O		X	X	73	180	212	140	X	X	B	B	B	B	B	X	A
Weed Killers		X	X	X	X	X	X	X	B	B	X	X	X	X	A	A
Whey		X	X	X	X	X	X	X	B	X	X	X	X	X	A	A
Whiskey		X	110	X	180	140	140	B	NR	NR	B	NR	NR	NR	A	A
White Liquor		60	180	73	180	X	140	X	X	NR	X	NR	NR	NR	A	A
Wine		X	110	73	180	140	140	B	NR	NR	X	NR	NR	NR	A	A
X																
Xylene (Xylol) $C_6H_4(CH_3)_2$		NR	75	NR	NR	NR	NR	NR	A	A	A	A	A	A	A	A
Xylidine (-dimethyl aniline)	100%	NR	100	X	X	X	X	X	X	X	X	X	X	X	X	X
Z																
Zeolite	all	X	200	X	X	X	X	X	X	X	X	X	X	X	X	X
Zinc Acetate $Zn(CH_3COO)_2{*}_2H_2O$		X	X	X	180	X	X	X	X	NR	NR	NR	NR	NR	X	A
Zinc Carbonate $ZnCO_3$		X	X	X	180	140	X	X	X	B	X	X	X	X	X	B
Zinc Chlorate		150	210	X	X	X	X	X	X	X	X	X	X	X	X	X
Zinc Chloride $ZnCl_2$		100	210	120	180	180	140	B	NR	NR	NR	NR	NR	NR	NR	B
Zinc Hydrosulphite		X	X	X	X	X	X	X	NR	NR	X	NR	NR	X	X	A
Zinc Nitrate $Zn(NO_3)_2{*}_6H_2O$		150	210	160	180	180	140	X	X	X	X	X	X	X	X	A
Zinc Sulfate $ZnSO_4{*}_7H_2O$		150	210	160	180	212	140	B	NR	B	B	NR	NR	NR	A	A
Zinc Sulfite		100	210	X	X	X	X	X	X	X	X	X	X	X	X	X

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