FINISH THOMPSON INC.

Chemical Resistance Chart

Chemical	Formula	% Concentration	Est. Sp. Grav @ 100% Conc.	316 SS	Hastelloy C	PVC	Teflon	Polyethylene	PVDF	Polypropylene	Carbon	Ceramic	Viton	EPDM
Acetamide	CH_3CONH_2	-	-	A	-	-	-	150	73	100	-	A	200	200
Acetate Solv. (Pure)*	-	-	-	A	-	D	350	-	D	-	-	-	D	D
Acetic Acid, (Glacial)	CH_3COOH	100	1.00	A	A	110	350	D	180	180	A	A	D	73
Acetic Acid 20%*	CH_3COOH	20	-	A	A	140	350	D	140	200	-	-	180	200
Acetic Acid 80%*	CH_3COOH	80	-	A	A	D	350	D	73	140	-	-	180	100
Acetic Acid*	CH_3COOH	50	-	A	A	100	350	D	100	200	-	-	180	200
Acetic Anhydride	$(CH_3CO)_2O$	-	5.00	-	-	D	-	D	90	73	A	A	D	200
Acetone*	CH_3COCH_3	-	-	A	A	D	-	-	-	-	-	-	-	-
Acetyl Chloride	$C_6H_5COCH_3$	-	3.00	A	-	-	-	D	100	-	-	-	-	D
Acetylene	$(CH_3CO)_2O$	-	-	A	B	100	-	-	200	-	A	A	-	-
Acrylonitrile	H_2CCHCN	-	-	-	B	D	350	140	100	73	A	A	250	200
Alchohol, Amyl*	$C_5H_{11}OH$	-	-	-	A	100	400	140	250	170	-	-	190	200
Alchohol, Benzyl*	$C_6H_5CH_2OH$	-	-	-	A	D	-	-	180	140	-	-	140	D
Alchohol, Butyl*	-	-	-	-	A	140	250	140	240	180	-	-	100	180
Alchohol, Diacetone*	-	-	-	-	A	D	350	-	73	73	-	-	D	70
Alchohol, Ethyl*	C_2H_5OH	-	-	-	A	140	300	140	750	180	A	A	170	170
Alchohol, Hexyl*	-	-	-	-	A	100	-	-	-	70	A	A	160	D
Alchohol, Isobutyl*	$(CH_3)_2CHCH_2OH$	-	-	-	A	-	300	-	250	-	A	A	140	140
Alchohol, Isopropyl*	$(CH_3)_2CHOH$	-	-	-	-	140	300	140	230	150	A	A	200	140
Alchohol, Methyl*	CH_3OH	-	-	-	A	140	300	140	230	150	A	A	100	100
Alchohol, Octyl*	-	-	-	-	-	-	-	-	-	-	A	A	-	-
Alchohol, Propyl*	$CH_3CH_2CH_2OH$	-	-	A	A	A	A	-	B	A	A	A	A	A
Aluminum Chloride 20%	$ALCL_3$	20	-	C	A	A	-	B	-	A	A	A	A	A
Aluminum Chloride	$ALCL_3$	-	-	-	-	140	210	140	140	170	A	A	180	210
Aluminum Flouride	ALF_3	-	-	-	-	140	-	160	280	200	-	-	-	-
Aluminum Hydroxide	$AL(OH)_3$	-		A		140	250	-	250	180			180	150
Alum Potassium Sulfate (ALUM) 10%	-	10	-	-	B	A	A	A	-	-	A	A	A	-
Alum Potassium Sulfate (ALUM) 100%	-	-	-	-	-	140	400	140	280	180	-	-	-	200
Aluminum Sulfate	$AL_2(SO_4)_3$	10	-	-	A	140	250	-	280	180	A	A		210
Amines	-	15	-	-	-	-	-	-	-	-	-	-	-	-
Ammonia 10%	NH_3	10	-	A	A	A	A	-	D	A		A	A	-
Ammonia Anhydrous	-	-	-	-	-	D	400	160	250	180	C	A	-	-
Ammonia, Liquids*	NH_3	-	-	A	B	A	A	D	-	A	A	A	D	A
Ammonia, Nitrate	NH_4NO_3	-	-	A	-	B	-	-	-	A	A	A	-	-
Ammonium Bifluoride	NH_4HF_2	-	-	-	-	140	300	-	250	180	-	-	140	-
Ammonium Carbonate	NH_4HCO_3	-	-	-	-	140	250	140	250	200	-	-	200	200
Ammonium Casenite	-	-	-	-	-	-	140	-	-	-	-	-	-	-
Ammonium Chloride	NH_4CL	-	-	-	-	140	250	140	250	180	A	A	220	-
Ammonium Hydroxide*	NH_4OH	-	-	-	A	140	400	150	250	180	A	A	0	200
Ammonium Nitrate	NH_4NO_3	-	-	-	-	140	250	140	160	180	A	A	180	-
Ammonium Oxalate	$(NH_4)_2C_2O_4$	-	-	-	-	-	140	-	-	A	-	-	-	
Ammonium Persulfate	S_2O_8	-	-	A	-	140	-	140	200	180	-	-	76	-

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Ammonium Phosphate, Dibasic	$(NH_4)_2HPO_4$	-	-	-	-	140	300	140	250	180	A	A	180	210
Ammonium Phosphate, Monobasic	$NH_4H_2PO_4$	-	-	-	A	140	-	140	250	180	A	A	190	210
Ammonium Phosphate, Tribasic	-	-	-	-	A	140	-	140	250	180	A	A	190	210
Ammonium Sulfate	$(NH_4)_2SO_4$	-	1.80	-	-	140	350	140	250	180	A	A	180	210
Ammonium Thio-Sulfate	$(NH_4)_2S_2O_3$	-	0.86	-	-	140	-	140	250	-	A	A	200	180
Amyl-Acetate*	$CH_3COOC_5H_{11}$	-	0.86	A	A	D	400	D	180	D	A	A	D	70
Amyl Alcohol	$C_5H_{11}OH$	-	-	-	-	-	-	-	-	-	-	-	-	-
Amyl Chloride	-	-	1.02	B	-	D	-	D	240	D	A	A	68	D
Aniline	$C_6H_5NH_2$	-	1.02	-	-	D	400	D	200	100	A	A	140	70
Anti-Freeze	CH_2OHCH_2OH	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony Trichloride	$SbCL_3$	-	-	-	-	-	-	-	-	-	-	-	-	-
Aqua Regia (80%, HCl, 20%, HNO)	$CLHHNO_3$	-	-	-	C	D	380	D	200	D	-	D	140	D
Arochlor 1248	-	-	-	-	-	-	300	D	-	D	A	-	-	-
Aromatic Hydrocarbons	-	-	-	-	-	D	-	-	40	68	A	-	180	D
Arsenic Acid	H_3AsO_4	80	-	A	A	100	-	140	210	140	A	A	210	150
Asphalt	-	-	-	-	-	D	-	-	250	140	-	A	180	D
Barium Carbonate	$BaCO_3$	-	4.30	-	-	140	400	140	250	180	-	-	300	250
Barium Chloride	$BaCL_2$	-	3.10	-	-	140	400	140	250	180	-	-	300	250
Barium Cyanide	$Ba(CN)_2$	-	-	-	-	-	-	140	-	-	-	-	-	-
Barium Hydroxide	$Ba(OH)_2$	-	2.20	-	-	140	400	140	250	180	A	A	200	200
Barium Nitrate	$Ba(NO_3)_2$	-	-	-	-	80	400	140	250	140	A	A	300	200
Barium Sulfate	$BaSO_4$	-	4.30	A	A	140	400	140	250	180	A	B	200	200
Barium Sulfide	$BaSO_4$	-	-	A	-	140	400	150	280	200	A	A	250	140
Beer	-	-	-	A	A	140	400	-	250	180	A	A	200	200
Beet Sugar Liquids	-	-	-	-	-	-	-	-	-	-	A	A	-	-
Benzaldehyde	C_6H_5CHO	-	5.00	A	A	D	400	D	120	73	A	A	-	-
Benzene	C_6H_6	-	0.90	B	B	D	350	D	150	100	A	A	140	D
Benzoic Acid	C_6H_5COOH	-	1.30	B	A	180	400	150	250	250	-	-	180	-
Benzol (see Benzene)	C_6H_6	-	-	-	-	-	-	-	-	-	-	-	-	-
Bleach (see Sodium Hypochlorite)	NaOCL	-	-	-	-	-	-	-	-	-	-	-	-	-
Borax (Sodium Borate)	$Na_2B_4O_7$	-	1.40	A	-	140	400	140	250	180	A	A	180	-
Boric Acid	H_3BO_3	-	-	-	A	140	400	140	250	180	A	A	200	210
Brewery Slop	-	-	-	-	-	-	-	-	-	-	A	A	-	-
Bromine (Wet)	-	-	3.10	-	-	-	-	D	-	-	D	-	D	-
Butadiene (Gas)	$H_2C:CHHC:CH_2$	-	0.80	A	B	140	-	D	250	D	-	-	190	D
Butanes*	C_4H_{10}	-	-	A	B	100	400	D	200	70	-	-	180	D
Butanol (see Alcohol, Butyl)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butter	-	-	-	A	-	-	-	-	-	-	-	-	-	-
Buttermilk	-	-	-	A	-	-	-	-	-	-	-	-	-	-
Butylene*	-	-	-	-	-	-	250	-	250	D	A	-	D	D
Butyl Acetate*	-	-	0.90	-	-	-	-	D	-	-	-	-	D	-
Butyric Acid	-	-	-	-	A	D	-	D	220	180	D	-	D	D
Calcium Bisulfate	-	-	-	A	-	A	A	-	-	-	-	-	A	-
Calcium Bisulfide	$Ca(HS)_2$	-	-	-	A	120	400	140	210	200	A	A	D	100

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Calcium Bisufite	$Ca(HSO_3)_2$	-	-	-	-	100	210	-	210	200	-	A	D	100
Calcium Carbonate	$CaCO_3$	-	2.70	A	A	140	300	140	250	200	A	A	140	100
Calcium Chlorate	$Ca(CLO_3)_2$	-	2.70	A	B	140	400	140	250	200	A	-	140	73
Calcium Chloride	$CaCL_2$	-	2.10	B	A	140	350	140	250	200	A	A	200	150
Calcium Hydroxide	$Ca(OH)_2$	-	2.30	-	-	140	400	140	250	210	A	A	70	140
Calcium Hypochlorite	$Ca(OCL)_2$	-	2.30	-	B	140	380	140	200	180	A	A	100	D
Calcium Sulfate	$CaSO_4$	-	2.90	A	B	140	400	140	210	180	A	A	200	210
Calgon	-	-	-	-	-	-	-	140	-	-	A	A	-	-
Cane Juice	-	-	-	A	A	140	350	140	250	140	A	A	200	250
Carbolic Acid (See Phenol)	C_6H_5OH	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Bisulfide	CS_2	-	-	-	A	-	-	-	-	-	-	-	-	-
Carbon Dioxide (Wet)	CO_2	-	-	A	A	140	350	140	250	180	-	-	210	170
Carbon Disulfide*	CS_2	-	-	A	A	D	400	D	68	D	A	A	180	-
Carbon Monoxide	CO	-	-	A	-	140	400	140	250	180	A	A	180	-
Carbon Tetrachloride	CCL_4	-	1.60	C	A	D	350	D	140	D	A	A	190	D
Carbonated Water	-	-	-	A	B	A	-	-	-	A	A	A	A	A
Carbonic Acid	H_2CO_3	-	-	A	A	140	350	140	250	210	A	A	200	210
Catsup	-	-	-	A	A	-	-	-	-	-	-	-	-	-
Caustic Soda (Sodium Hydroxide)	NaOH	-	2.13	-	-	140	250	D	100	200	-	-	D	200
Chloracetic Acid	$CH_2CLCOOH$	D	-	C	-	-	300	D	-	-	-	-	D	-
Chloric Acid	$HCLO_3$	20	-	D	A	140	140	-	-	140	-	-	D	A
Chlorinated Glue	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorine, Anhydrous Liquid	-	-	-	D	A	D	A	D	-	D	A	D	A	B
Chlorine (Dry)	CL_2	-	-	-	-	D	350	D	250	D	A	A	140	D
Chlorine Water	-	-	-	-	-	140	400	-	250	-	C	A	180	73
Chlorobenzene (Mono)*	C_6H_5CL	-	-	A	A	D	A	D	A	D	A	A	A	D
Chlorosulfonic Acid	$CLSO_2OH$	6	1.77	-	-	D	180	D	D	D	-	-	D	D
Chlorox (Bleach)	$NaOCL:H_2O$	5.5	-	B	-	140	350	140	140	140	-	-	140	100
Chocolate Syrup	-	-	-	A	B	-	-	-	-	100	-	-	100	-
Chromic Acid 5%	H_2CrO_4	5	2.80	A	-	140	400	140	250	140	D	C	180	73
Chromic Acid 10%	H_2CrO_4	10	-	-	A	140	400	140	250	140	D	-	180	73
Chromic Acid 30%	H_2CrO_4	30	-	-	A	100	400	100	200	D	D	-	300	-
Chromic Acid 50%	H_2CrO_4	50	-	B	B	D	350	100	180	-	D	-	300	-
Citric Acid	-	-	1.54	-	-	140	200	140	240	180	-	-	200	200
Citric Oils	-	-	-	-	-	-	-	-	-	-	A	A	-	-
Coffee	-	-	-	A	-	-	-	-	-	-	A	A	200	140
Copper ChlorideÂ	$CuCL_3$	-	3.40	C	A	140	350	-	250	180	-	A	200	210
Copper CyanideÂ	$Cu(CN)_2$	-	-	A	A	140	300	140	200	180	A	A	190	200
Copper Floborate	-	-	-	-	-	100	-	-	-	-	-	-	-	-
Copper Nitrate	$Cu(NO_3)_2$	-	2.30	-	-	140	350	140	210	180	-	A	200	210
Copper SulfateÂ (5% Solution)	$CuSO_4$	5	-	-	-	140	350	140	210	180	A	A	210	200
Copper Sulfate	$CuSO_4$	-	2.30	-	-	140	350	140	210	180	-	A	210	200
Cream	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresols	-	-	1.05	-	-	D	400	D	180	D	A	A	100	D

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Cresylic Acid	-	-	-	-	-	D	-	-	D	D	A	A	200	D
Cyclohexane*	-	-	-	A	-	D	400	D	210	D	A	A	180	D
Cyanic Acid	HN=C=O	-	-	A	-	-	-	-	-	-	-	-	D	-
Detergents	-	-	-	A	-	140	400	D	250	180	A	A	210	200
Dichlorethane	$CLCH_2CH_2CL$	-	-	A	-	D	400	D	210	D	C	A	150	-
Diesel Fuel*	-	-	-	-	-	72	400	-	250	100	A	A	190	D
Diethylamine	$(C_2H_5)NH$	-	-	A	-	D	400	-	100	100	-	-	D	120
Diethylene Gycol	-	-	-	A	-	140	350	-	280	180	A	A	200	-
Diphenyl Oxide	$(C_6H_5)_2O$	-	-	A	-	-	-	-	-	-	A	A	100	D
Dyes	-	-	-	A	-	-	-	-	-	-	-	-	A	-
Epsom Salts (Magnesium Sulfate)	$MgSO_4$	-	-	-	-	140	300	140	280	180	140	-	200	180
Ethane	C_2H_6	-	-	-	-	73	350	-	280	-	-	-	-	D
Ethanolamine	-	-	1.02	-	-	D	100	-	D	D	-	-	-	100
Ether*	-	-	-	A	-	D	350	-	100	D	-	-	D	DEthyl
Acetate*	$CH_3COOL_2H_5$	-	-	A	-	D	350	D	100	100	A	A	D	70
Ethyl Chloride*	C_2H_5CL	-	0.92	-	-	D	350	D	250	D	A	A	140	70
Ethyl Sulfate	$(C_2H_5)_2SO_4$	-	-	-	-	-	-	-	-	-	-	-	D	-
Ethylene Chloride*	$CLCH_2CH_2CL$	-	-	A	B	D	A	-	C	D	A	A	-	C
Ethylene Dichloride	$CLCH_2CH_2CL$	-	1.25	-	-	D	-	D	200	D	C	A	150	D
Ethylene Glycol	CH_2OHCH_2OH	-	1.12	-	-	140	400	140	200	180	-	-	300	180
Ethylene Oxide*	$(CH_2)_2O$	-	0.90	-	-	D	400	70	200	D	-	-	D	D
Fatty Acids	-	-	-	-	-	140	250	D	250	140	-	-	180	D
Ferric Chloride	$FeCL_3$	-	2.90	D	C	140	400	140	250	180	A	A	210	200
Ferric Nitrate	$FeNO_3$	50	1.70	A	-	140	400	140	250	180	-	-	180	180
Ferric Sulfate	$Fe(SO_4)_3$	-	3.10	-	-	140	400	140	250	180	C	A	190	210
Ferrous Chloride	$FeCL_3$	-	3.20	D	A	140	400	140	250	180	A	A	200	200
Ferrous Sulfate	$FeSO_4$	-	1.90	A	A	140	400	140	280	180	A	A	200	180
Fluboric Acid	HBF_4	-	1.80	-	-	140	400	140	200	140	-	-	200	160
Fluorine Gas (Wet)	F_2	-	-	-	-	D	250	D	80	D	D	-	D	-
Fluorine (Liquid)	F_2	-	-	-	A	D	D	D	-	D	D	-	100	D
Fluosilicic Acid	H_2SiF_6	25	1.11	-	-	140	250	D	140	150	-	-	D	140
Formaldehyde 40%	HCHO	40	-	A	A	B	A	-	B	A	-	A	D	-
Formaldehyde	HCHO	50	-	-	-	140	250	D	140	73	A	-	D	140
Formic Acid	HCOOH	25	-	-	-	100	300	D	210	100	-	-	100	200
Freon 11	CCL_3F	-	1.22	A	-	72	250	-	250	73	-	-	180	D
Freon 12 (Wet)Â	CL_2CF_2	-	-	-	-	-	250	-	-	-	-	-	-	-
Freon 22	$HCCIF_2$	-	-	A	A	D	D	-	150	73	-	-	D	D
Freon 113	CCL_3CCF_3	-	-	A	-	-	250	-	250	-	-	-	70	D
Freon T. F.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fruit Juice	-	-	-	-	-	140	400	140	250	180	-	-	210	-
Fuel Oils*	-	-	-	A	A	-	400	D	250	D	-	-	80	D
Furan Resin	-	-	-	-	-	-	-	-	D	-	-	-	D	D
Furfural	-	-	0.94	-	-	D	400	D	80	D	-	-	D	-
Gallic Acid	-	-	-	-	-	140	400	D	100	73	-	-	190	73

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Gasoline*	-	-	-	A	A	C	A	D	A	C	A	A	A	C
Gelatin	-	-	-	A	-	140	300	-	250	180	-	-	180	200
Glucose	$C_6H_{I2}O_6$	-	-	A	-	140	400	140	280	180	-	-	300	250
Glue P.V.A.	-	-	-	-	-	140	250	-	-	120	-	-	250	100
Glycerine (see Glycerol)	$C_3H_5(OH)_3$	-	-	-	-	-	-	-	-	-	-	-	-	-
Glycolic Acid (see Hydroxyacetic acid)	-	-	-	A	B	-	-	-	-	-	-	-	-	
Gold Monocyanide	$Au(CN)_4$	-	-	A	-	-	-	-	-	-	A	A	A	-
Grape Juice	-	-	-	-	-	140	250	-	-	-	-	-	210	140
Grease	-	-	-	-	-	-	-	70	-	-	-	-	200	D
Heptane*	$CH_3(CH_2)_5CH_3$	-	-	-	-	100	300	-	250	73	-	-	340	D
Hexane*	$CH_3(CH_2)_4CH_3$	-	0.66	-	-	D	300	D	250	73	-	-	340	D
Honey	-	-	-	-	-	140	400	140	300	180	-	-	250	D
Hydraulic Oils (Petroleum)$_1$	-	-	-	-	-	-	300	-	-	D	-	-	250	D
Hydraulic Oils (Synthetic)$_1$	-	-	-	-	-	-	300	-	-	D	-	-	250	D
Hydrazine	H_2NNH_2	-	1.00	-	-	D	250	-	200	D	-	-	D	70
Hydrobromic Acid 20%	HBr	20	-	D	-	140	250	140	250	180	-	B	190	140
Hydrobromic Acid	HBr	48	1.50	-	-	140	250	140	250	180	-	-	190	140
Hydrobromic Acid	HBr	48	-	-	-	140	400	140	250	180	-	-	190	140
Hydrochloric Acid (Dry Gas)	HCL	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydrochloric Acid 20%	HCL	20	-	-	-	140	400	140	250	160	-	-	190	200
Hydrochloric Acid 37%	HCL	37	1.19	D	-	140	400	140	210	160	A	C	200	100
Hydrochloric Acid 100%	HCL	100	-	D	C	A	A	A	-	-	A	C	C	-
Hydrocyanic Acid (Prussic Acid)	HCN	-	-	A	-	140	400	140	250	140	A	A	190	200
Hydrocyanic Acid (Gas 10%)	HCN	10	-	-	-	140	400	140	250	140	-	-	190	200
Hydrofluoric Acid 20%	HF	20	-	-	A	100	300	70	250	150	B	C	150	100
Hydrofluoric Acid 75%	HF	75	0.99	-	-	D	250	-	200	100	D	D	100	D
Hydrofluoric Acid 100%	HF	100	-	D	B	C	A	-	-	-	D	D	-	-
Hydrofluosilicic Acid 20%	H_2SiF_6	20	-	-	-	73	300	140	250	180	-	-	200	140
Hydrofluosilicic Acid	H_2SIF_6	-	-	-	-	73	300	140	250	180	-	-	200	140
Hydrogen Gas	H	-	-	-	-	140	300	140	280	180	-	-	200	250
Hydrogen Peroxide 10%	H_2O_2	10	-	-	-	140	250	140	250	73	A	A	180	100
Hydrogen Peroxide 30%	H_2O_2	30	-	-	-	140	250	140	250	D	-	-	200	100
Hydrogen Peroxide	H_2O_2	-	-	-	-	D	400	-	68	D	-	-	100	D
Hydrogen Sulfide (Aqueous Solution)	H_2S	-	1.19	A	B	140	400	140	200	150	A	A	140	100
Hydrogen Sulfide (Dry)	H_2S	-	-	A	B	140	400	140	80	150	-	A	180	100
Hydroxyacetic Acid (Glycolic Acid)	$CH_2OHCOOH$	-	1.27	-	-	140	400	-	100	150	-	-	D	-
Ink	-	-	-	-	-	-	-	D	-	-	-	-	70	70
Iodine	I_2	0	-	-	-	D	400	D	150	D	-	-	180	70
Iodine (In Alcohol)	-	-	-	B	A	D	A	-	-	B	-	A	A	-
Iodoform	-	-	-	A	-	-	A	-	-	-	-	-	A	-
Isotane	-	-	-	-	-	-	-	-	-	D	-	A	A	-

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Isopropyl Acetate	$(CH_3)_2CHOH$	-	0.92	-	-	D	200	-	-	-	-	-	D	70
Isopropyl Ether*	$CH_3CHCLCH_3$	-	0.72	-	-	D	140	-	130	D	-	-	D	D
Jet Fuel (JP3)*	-	-	-	-	-	-	200	-	-	-	-	-	190	D
Jet Fuel (JP4)*	-	-	-	-	-	140	400	-	250	D	-	-	300	D
Jet Fuel (JP5)*	-	-	-	-	-	140	400	-	250	D	-	-	300	D
Kerosene*	-	-	0.81	-	-	140	300	D	250	D	-	-	300	D
Ketones	-	-	-	-	-	D	350	D	100	100	-	-	D	D
Lacquers*	-	-	-	-	-	-	-	-	-	-	-	-	D	D
Lacquer Thinners*	-	-	-	-	-	D	-	-	-	-	-	-	-	-
Lactic Acid	-	-	1.20	-	-	100	400	D	140	180	-	-	210	70
Lard	-	-	-	-	-	140	250	-	250	73	-	-	190	D
Latex	-	-	-	-	-	-	-	-	-	-	-	-	70	70
Lead Acetate	$Pb(C_2H_3O_2)_2$	-	-	B	B	140	400	140	250	180	-	-	D	210
Lead Sulfamate	-	-	-	-	-	-	-	-	-	A	-	-	A	D
Ligroin (Benzene)	-	-	-	-	-	D	250	-	200	D	-	-	100	D
Lime	CaO	-	-	-	-	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-	-	A	A	-	-
Magnesium Carbonate	$MgCO_3$	-	3.00	-	-	140	400	140	210	180	-	-	210	170
Magnesium Chloride	$MgCL_2$	-	2.30	-	-	140	400	140	280	180	-	-	180	180
Magnesium Hydroxide	$Mg(OH)_2$	-	2.36	-	-	140	400	140	250	180	A	A	230	170
Magnesium Nitrate	$Mg(NO_3)_2$	-	2.03	-	-	140	400	140	250	180	-	A	230	140
Magnesium Oxide	MgO	-	3.60	-	-	-	-	-	-	-	-	A	-	140
Magnesium Sulfate	$MgSO_4$	-	2.60	-	-	140	400	140	250	180	A	A	200	180
Maleic Acid	-	-	1.59	-	-	140	400	70	250	180	A	A	200	70
Maleic Anhydride	-	-	0.93	-	-	-	-	-	-	-	A	A	-	D
Malic Acid	-	-	1.60	B	B	140	400	-	250	180	-	-	230	180
Mash	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mayonnaise	-	-	-	-	-	-	400	-	-	-	-	-	-	-
Melamine	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercuric Chloride (Dilute Solution)	$HgCL_2$	-	5.40	-	-	140	400	140	250	180	-	-	190	210
Mercuric Cyanide	$Hg(CN)_2$	-	4.00	-	-	140	400	140	250	180	-	-	70	70
Mercury	Hg	-	13.6	A	A	140	400	140	250	150	-	-	200	70
Methanol (See Alcohol Methyl)	CH_3OH	-	0.80	A	-	140	400	D	250	180	-	-	D	100
Methyl Acetate	$CH_3CO_2CH_3$	-	0.92	-	-	D	-	-	100	68	-	-	D	-
Methyl Acrylate	-	-	-	-	-	-	300	-	100	-	-	-	D	70
Methyl Alcohol*	CH_3OH	-	-	-	-	140	400	D	250	180	A	A	100	100
Methyl Bromide	CH_3Br	-	1.73	-	-	D	350	D	250	D	-	-	180	D
Methyl Butyl Ketone	$CH_3COC_4H_4$	-	0.83	-	-	D	400	-	100	D	A	A	D	70
Methyl Cellosolve	$HOCH_2CH_2OCH_3$	-	-	-	-	D	400	-	250	73	-	-	D	70
Methyl Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Dichloride	-	-	-	-	-	-	-	-	-	-	A	A	A	D
Methyl Ethyl Ketone*	$CH_3COC_2H_5$	-	0.82	B	-	D	-	D	D	73	A	A	D	70
Methyl Isobutyl Ketone*	-	-	0.80	-	-	D	400	-	D	D	A	A	D	-
Methyl Isopropyl Ketone*	$CH_3COCH(CH_3)_2$	-	0.82	-	-	D	400	-	D	D	A	A	D	-

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Methyl Methacrylate	-	-	0.94	-	-	D	300	-	100	D	A	A	D	D
Methylamine	CH_3NH_2	-	-	-	-	D	400	-	D	D	-	-	100	70
Methylene Chloride	CH_2CL_2	-	1.34	-	-	D	350	D	100	D	A	A	D	D
Milk	-	-	-	-	-	140	400	140	280	180	A	A	190	190
Molasses	-	-	-	-	-	140	400	140	250	180	A	A	300	100
Mustard	-	-	-	-	-	140	400	-	250	150	-	-	150	150
Naphtha*	-	-	-	-	-	140	400	D	210	100	-	-	150	D
Napthalene*	$C_{10}H_8$	-	1.15	-	-	D	400	D	200	D	-	-	170	D
Nickel Chloride	$NiCL_2$	-	3.50	-	-	140	400	140	250	180	-	-	210	210
Nickel Sulfate	$NiSO_4$	-	3.70	-	A	140	400	140	250	180	-	-	180	210
Nitric Acid (10% Solution)	HNO_3	10	-	-	-	140	400	100	250	180	C	B	190	D
Nitric Acid (20% Solution)	HNO_3	20	-	-	-	140	400	140	210	140	D	C	190	D
Nitric Acid (50% Solution)	HNO_3	50	-	-	-	D	350	D	120	73	D	-	100	D
Nitric Acid (Concentrated Solution)	HNO_3	-	1.50	-	-	D	300	D	73	D	D	-	D	D
Nitrobenzene	$C_6H_5NO_2$	-	1.20	-	-	D	400	D	140	73	A	-	70	D
Oils, Aniline	-	-	-	-	A	D	250	-	120	100	A	A	D	140
Oils, Anise	-	-	-	-	-	-	300	-	-	-	A	A	-	-
Oils, Bay	-	-	-	-	-	-	300	-	-	-	A	A	140	-
Oils, Bone	-	-	-	-	-	-	300	-	-	-	A	A	140	-
Oils, Castor	-	-	-	-	-	-	300	-	-	-	A	A	140	-
Oils, Cinnamon	-	-	-	-	-	-	300	-	-	-	A	A	D	-
Oils, Citric	-	-	-	-	-	-	300	-	-	72	A	A	140	-
Oils, Clove	-	-	-	-	-	-	300	-	-	72	A	A	-	-
Oils, Coconut	-	-	-	-	-	140	350	-	250	150	A	A	140	D
Oils, Cod Liver	-	-	-	-	-	-	300	-	-	72	A	A	140	108
Oils, Corn	-	-	-	-	-	68	250	250	-	100	A	A	140	D
Oils, Cotton Seed	-	-	-	-	-	140	300	250	-	250	A	A	140	D
Oils, Cresote	-	-	-	-	-	D	300	-	-	D	A	A	73	D
Oils, Diesel Fuel	-	-	-	-	-	72	300	250	-	73	A	A	140	D
Oils, Fuel	-	-	-	-	-	140	300	250	-	73	A	A	140	D
Oils, Ginger	-	-	-	A	-	-	-	-	-	-	A	A	A	-
Oils, Hydraulic (See Hydraulic)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oils, Lemon	-	-	-	A	-	-	-	-	-	D	A	A	A	-
Oils, Linseed	-	-	-	-	-	140	300	250	-	180	A	A	220	D
Oils, Mineral	-	-	-	-	-	140	300	250	-	180	A	A	150	-
Oils, Olive	-	-	-	-	-	140	300	250	-	180	A	A	150	-
Oils, Orange	-	-	-	A	-	-	A	-	-	A	A	A	A	-
Oils, Palm	-	-	-	A	-	A	-	-	-	-	A	A	A	-
Oils, Peanut	-	-	-	A	-	A	-	-	-	D	A	A	A	-
Oils, Peppermint	-	-	-	A	-	-	-	-	-	D	A	A	A	-
Oils, Pine	-	-	-	-	-	140	300	-	-	-	A	A	70	-
Oils, Rape Seed	-	-	-	A	-	A	-	-	-	-	A	A	A	-
Oils, Rosin	-	-	-	A	-	-	-	-	-	A	A	A	A	-
Oils, Sesame Seed	-	-	-	A	-	A	-	-	-	-	A	A	A	-

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Oils, Silicone	-	-	-	A	-	-	350	-	250	150	A	A	190	140
Oils, Soybean	-	-	-	A	-	A	-	-	-	A	A	A	A	-
Oils, Sperm	-	-	-	A	-	A	-	-	-	-	A	A	A	-
Oils, Tanning	-	-	-	A	-	-	-	-	-	-	A	A	A	-
Oils, Turbine	-	-	-	A	-	A	-	-	-	-	A	A	A	-
Oleic Acid	-	-	0.90	A	-	140	250	-	250	73	-	-	190	70
Oleum 25%	H_2SO_4	25	-	-	A	D	A	-	B	-	-	A	A	D
Oleum	H_2SO_4	100	-	-	-	D	200	D	D	D	D	D	73	D
Oxalic Acid (Cold)	-	-	1.70	A	-	73	400	140	150	150	-	-	180	150
Paraffin	-	70	-	A	-	120	400	D	-	120	-	-	250	D
Pentane	$CH_3(CH_2)_3CH_3$	-	-	-	-	-	400	-	-	-	-	-	100	D
Perchloroethylene	CL_2CCCL_2	70	1.60	-	-	D	-	-	150	D	-	-	200	D
Petrolatum	-	-	-	-	-	140	300	-	-	120	-	-	100	D
Phenol 10%	C_6H_5OH	10	-	A	B	A	A	-	-	-	-	-	B	D
Phenol (Carbolic Acid)	C_6H_5OH	-	1.10	-	-	D	350	D	200	73	A	D	200	70
Phosphoric Acid	H_3PO_4	-	1.80	-	-	140	400	140	140	180	-	-	200	100
Phosphoric Acid 10%	H_3PO_4	10	-	-	-	140	400	140	140	180	-	-	200	100
Phosphoric Acid 20%	H_3PO_4	20	-	-	-	140	400	140	140	180	-	-	200	70
Phosphoric Acid 40%	H_3PO_4	40	-	-	-	140	300	140	250	180	-	-	200	70
Phosphoric Acid 80%	H_3PO_4	80	-	-	-	140	350	70	250	180	-	-	200	70
Phosphoric Acid 85%	H_3PO_4	85	-	-	-	140	350	70	200	180	-	-	200	70
Phosphoric Acid 100%	H_3PO_4	100	1.80	-	-	-	350	-	-	-	-	-	100	70
Phosphoric Acid (Crude)	H_3PO_4	-	1.83	-	-	-	350	-	-	-	-	-	100	70
Phosphoric Anhydride (Dry or Moist)	$C_6H_4(CO)_2O$	-	-	A	-	D	A	-	-	-	A	-	D	-
Phosphoric Anhydride (Molten)	P_2O_5	-	-	A	-	D	A	D	-	-	-	-	D	-
Photographic (Developer)	-	-	-	-	-	140	350	D	250	150	A	A	190	-
Phthalic Anhydride	-	-	1.53	-	-	D	350	-	-	D	-	-	-	-
Picric Acid	$C_6H_2(NO_2)_3OH$		1.77		A	D	400	D	70	D	-	-	190	140
Plating sol, Antimony Plating 130Â° F	-	-	-	-	-	140	-	140	240	250	-	-	140	-
Plating sol, Arsenic Plating 110Â° F	-	-	-	-	-	140	300	140	240	150	-	-	100	-
Plating, Brass - Regular Brass Bath 100Â° F	-	-	-		-	140	300	140	240	180	-	D	150	70
Plating, Brass - High Speed Brass Bath 110Â° F	-	-	-	A	A	A	A	-	-	A	-	C	A	-
Plating, Bronze - Copper-Cadmium Bronze Bath R.T.	-	-	-	A	A	A	A	-	-	A	-	C	A	-
Plating, Bronze - Copper - Tin Bronze Bath 160Â° F	-	-	-	A	A	D	A	-	-	A	-	D	A	-
Plating, Bronze - Copper - Zinc Bronze Bath 100Â° F	-	-	-	A	A	A	A	-	-	A	-	C	A	-

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Plating, Cadmium - Cyanide Bath 90Â° F	-	-	-	-	-	140	250	140	240	D	-	-	180	70
Plating, Cadmium - Fluoborate Bath 100Â° F	-	-	-	A	-	A	A	-	-	A	-	D	A	-
Plating, Chromium - Chromic - Sulfuric Bath 130Â° F	-	-	-	C	A	A	A	-	-	A	-	A	C	-
Plating, Chromium - Fluosilicate Bath 95Â° F	-	-	-	C	A	A	A	-	-	A	-	B	C	-
Plating, Chromium - Fluoride Bath 130Â° F	-	-	-	D	A	A	A	-	-	A	-	B	C	-
Plating, Chromium - Black Chrome Bath 115Â° F	-	-	-	C	A	A	A	-	-	A	-	A	C	-
Plating, Chromium - Barrel Chrome Bath 95Â° F	-	-	-	D	A	A	A	-	-	A	-	A	C	-
Plating, Copper (Cyanide) - Copper Strike Bath 120Â° F	-	-	-	-	A	-	A	-	-	-	-	C	B	-
Plating, Copper (Cyanide) - Rochelle Salt Bath 150Â° F	-	-	-	A	A	D	A	-	-	A	-	D	A	-
Plating, Copper (Cyanide) - High Speed Bath 180Â° F	-	-	-	A	A	D	A	-	-	A	-	D	A	-
Plating, Copper (Acid) - Copper Sulfate Bath R.T.	-	-	-	D	A	A	A	-	-	A	-	D	A	-
Plating, Copper (Acid) - Copper Fluoborate Bath 120Â° F	-	-	-	D	A	A	A	-	-	A	-	D	A	-
Plating, Copper (Misc.) - Copper Pyrophosphate 140Â° F	-	-	-	A	A	A	A	-	-	A	-	B	A	-
Plating, Copper (Misc.) - Copper (Electroless) 140Â° F	-	-	-	-	-	A	A	-	-	A	-	D	A	-
Plating, Gold - Cyanide 150Â° F	-	-	-	A	A	D	A	-	-	A	-	B	A	-
Plating, Gold - Neutral 75Â° F	-	-	-	C	A	A	A	-	-	A	-	A	A	-
Plating, Gold - Acid 75Â° F	-	-	-	C	A	A	A	-	-	A	-	A	A	-
Plating, Indium - Indium Sulfamate Plating R.T.	-	-	-	C	A	A	A	-	-	A	-	A	A	-
Plating, Iron - Ferrous Chloride Bath 190Â° F	-	-	-	D	D	D	A	-	-	C	-	A	A	-
Plating, Iron - Ferrous Sulfate Bath 150Â° F	-	-	-	C	A	D	A	-	-	A	-	A	A	-
Plating, Iron - Ferrous Am. Sulfate Bath 150Â° F	-	-	-	C	A	D	A	-	-	A	-	A	A	-
Plating, Iron - Sulfate -Chloride Bath 160Â° F	-	-	-	D	D	D	A	-	-	A	-	A	A	-
Plating, Iron - Fluoborate Bath 145Â° F	-	-	-	D	B	D	A	-	-	A	-	D	A	-
Plating, Iron - Sulfamate 140Â° F	-	-	-	D	B	A	A	-	-	A	-	A	A	-

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Plating, Nickel -Watts Type 115 -160Â° F	-	-	-	C	A	D	A	-	-	A	-	A	A	-
Plating, Nickel - High Chloride 130 -160Â° F	-	-	-	C	A	D	A	-	-	A	-	A	A	-
Plating, Nickel - Fluoborate 100 -170A° F	-	-	-	C	A	D	A	-	-	A	-	D	A	-
Plating, Nickel - Sulfamate 100 - 140Â° F	-	-	-	C	A	A	A	-	-	A	-	A	A	-
Plating, Nickel - Electroless 200Â° F	-	-	-	-	-	D	A	-	-	D	-	A	A	-
Plating, Rhodium - Rhodium Plating 120Â° F	-	-	-	D	D	A	A	-	-	A	-	A	A	-
Plating, Silver - Silver Plating 80-120Â° F	-	-	-	A	A	A	A	-	-	A	-	B	A	-
Plating, Tin Fluoborate - 100Â° F	-	-	-	C	A	A	A	-	-	A	-	D	A	-
Plating, Tin - Lead - 100Â° F	-	-	-	C	A	A	A	-	-	A	-	D	A	-
Plating, Zinc - Acid Chloride 140Â° F	-	-	-	D	D	A	A	-	-	A	-	A	A	-
Plating, Zinc - Acid Sulfate Bath 150Â° F	-	-	-	C	A	D	A	-	-	A	-	A	A	-
Plating, Zinc - Acid Fluoborate Bath R.T.	-	-	-	-	-	A	A	-	-	A	-	D	A	-
Plating, Zinc - Alkaline Cyanide Bath R.T.	-	-	-	-	A	A	A	-	-	A	-	D	A	-
Potash	K_2CO_3	-	-	-	-	140	400	250	180		-	200	-	
Potassium Bicarbonate	$KHCO_3$	-	2.20	-	-	140	400	-	250	180	A	A	200	150
Potassium Bromide 30%	KBr	30	2.70	-	-	140	300	-	250	180	-	-	200	150
Potassium Carbonate	-	-	2.40	-	-	140	300	-	250	180	-	-	200	160
Potassium Chlorate	$KLCO_3$	30	2.30	A	-	140	300	-	250	180	-	-	180	140
Potassium Chloride	KCL	-	2.00	-	-	140	350	-	250	180	-	-	200	200
Potassium Chromate	K_2CrO_4	-	2.70	-	-	140	-	-	250	180	A	D	100	170
Potassium Cyanide Solutions	KCN	-	1.50	-	-	140	350	-	250	100	C	A	190	140
Potassium Dichromate	$K_2Cr_2O_7$	10	2.70	-	-	140	350	-	250	180	-	-	180	170
Potassium Ferrocyanide	$K_4Fe(CN)_6$	-	1.90	-	-	140	350	-	250	140	-	-	180	140
Potassium Hydroxide 25%	KOH	25	-	-	-	140	350	-	140	180	-	-	-	200
Potassium Hydroxide 10%	KOH	10	-	-	-	140	350	-	D	100	-	-	-	200
Potassium Nitrate	KNO_3	-	2.10	-	A	140	350	-	250	150	-	-	180	210
Potassium Permanganate	$KMNO_4$	20	2.70	B	B	140	350	-	250	120	A	A	150	210
Potassium Sulfate	K_2SO_4	-	2.70	-	-	140	400	-	250	180	A	A	200	180
Potassium Sulfide	K_2S	-	1.80	-	-	100	300	-	250	-	-	-	100	-
Propane (Liquified)	C_3H_8	-	-	-	-	72	300	-	250	73	-	-	300	D
Propylene Glycol	$CH_3CHOHCH_2OH$	-	1.00	-	-	-	400	D	250	-	-	-	200	-
Pyridine	$N(CH)_4CH$	-	1.00	B	-	D	350	-	D	73	-	-	D	70
Pyrogallic Acid	$C_6H_3(OH)_3$	-	1.47	-	-	73	350	-	150	-	-	-	80	-

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Rosins	-	-	-	-	-	-	350	-	-	-	-	-	-	-
Rum	-	-	-	-	-	100	-	-	-	100	-	-	70	-
Rust Inhibitors	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salad Dressing	-	-	-	-	-	-	-	-	-	-	A	A	-	-
Sea Water	-	-	-	-	A	140	400	140	250	180	A	A	280	250
Shellac (Bleached)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shellac (Orange)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silicone	-	-	-	-	-	140	350	-	250	250	A	A	190	140
Silver Bromide	AgBr	-	6.47	-	-	-	-	140	-	-	A	-	-	-
Silver Nitrate	$AgNO_3$	-	4.32	-	-	140	350	140	350	180	A	A	250	200
Soap Solutions	-	-	-	-	-	140	350	D	280	180	A	A	200	200
Soda Ash (See Sodium Carbonate)	Na_2CO_3	-	1.55	-	-	140	400	-	280	180	-	-	250	140
Sodium Acetate	$NaC_2H_3O_2$	-	1.50	-	A	140	350	140	250	180	A	A	D	170
Sodium Aluminate	$Na_2AL_2O_4$	-	-	-	A	-	-	-	-	-	A	A	200	200
Sodium Bicarbonate	$NaHCO_3$	-	2.20	-	A	140	400	140	280	180	A	A	300	210
Sodium Bisulfate	$NaHSO_4$	-	2.40	-	-	140	250	140	280	180	A	A	250	200
Sodium Bisulfite	$NaHSO_3$	-	1.50	-	A	140	350	140	250	180	-	-	250	200
Sodium Borate	$Na_2B_4O_7$	-	1.70	-	A	100	300	140	250	200	A	A	180	140
Sodium Carbonate	Na_2CO_3	-	1.55	-	A	140	350	-	250	180	B	A	200	140
Sodium Chlorate	$NaCLO_3$	-	2.50	-	-	100	350	-	250	180	A	A	180	140
Sodium Chloride	$NaCLO_3$	-	2.20	-	A	140	350	140	280	180	-	-	200	140
Sodium Chromate	Na_2CrO_4	-	-	-	-	-	-	-	200	-	-	-	70	70
Sodium Cyanide	NaCN	-	-	-	-	140	350	-	250	180	-	-	200	140
Sodium Fluoride	NaF	-	2.60	-	-	140	350	-	250	180	-	-	140	140
Sodium Hydrosulfite	$Na_2S_2O_6$	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium Hydroxide 20%	NaOH	20	-	-	-	140	350	D	73	180	-	-	100	210
Sodium Hydroxide (50% Solution)	NaOH	50	2.10	-	-	140	350	D	D	180	-	-	D	180
Sodium Hydroxide (80% Solution)	NaOH	80	-	D	B	A	A	C	-	A	C	D	B	-
Sodium Hypochlorite 3 to 20%	NaOCL	15	-	-	-	140	300	-	100	72	-	-	180	D
Sodium Hypochlorite	NaOCL	-	-	-	-	140	300	140	100	120	-	-	140	70
Sodium Hyposulfate	$Na_2S_2O_3$	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium Metaphosphate	$(NAPO_3)n$	-	-	-	-	140	-	-	250	150	-	-	180	70
Sodium Metasilicate	Na_2SiO_3	-	-	-	-	140	350	-	250	180	-	-	200	-
Sodium Nitrate	$NaNO_3$	-	2.30	-	-	140	400	-	250	180	A	A	210	200
Sodium Nitrate	$NaNO_3$	-	2.20	-	-	140	400	-	250	180	A	A	200	170
Sodium Perborate	$NaBO_3$	-	-	-	-	140	350	-	250	180	-	-	180	70
Sodium Peroxide	Na_2O_2	10	2.80	-	-	140	350	-	200	180	-	-	180	140
Sodium Polyphosphate	-	-	-	-	-	140	350	120	250	180	A	A	200	150
Sodium Silicate	Na_2OSiO_2	-	-	-	-	140	350	-	250	180	A	A	200	200
Sodium Sulfate	Na_2SO_4	-	2.70	-	-	140	400	140	280	150	A	A	200	140
Sodium Sulfide	Na_2S	50	1.40	-	-	140	350	140	250	180	A	A	200	140

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Sodium Sulfite	Na_2SO_3	-	2.60	A	B	140	350	140	250	180	A	A	200	140
Sodium Tetraborate	$Na_2B_4O_7$	-	-	-	-	140	300	140	250	120	A	A	140	100
Sodium Thiosulphate (“Hypo”)	$Na_2S_2O_3$	-	1.70	-	-	140	350	140	250	180	A	A	200	-
Sorghum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Soy Sauce	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stannic Chloride	Na_2SnCL_6	-	2.30	D	-	140	350	-	280	150	A	A	200	100
Stannic Fluoborate	-	-	-	-	-	-	-	-	-	-	-	A	A	-
Stannous Chloride	$SnCL_2$	-	-	A	-	140	350	-	250	180	-	-	200	100
Starch	-	-	1.51	-	-	140	350	140	250	180	A	A	200	140
Stearic Acid	-	-	0.84	-	-	140	350	-	250	120	-	-	80	D
Stoddard Solvent	-	-	-	B	-	D	300	-	250	70	A	A	180	D
Styrene	$C_6H_5CH{:}CH_2$	-	0.90	-	-	D	250	-	200	D	-	-	D	D
Sugar (Liquids)	-	-	-	-	-	140	350	-	270	180	-	-	200	140
Sulfate Liquors	-	-	-	-	-	140	200	-	150	150	-	-	80	70
Sulfur Chloride	S_2CL_2	-	1.69	-	-	140	-	-	250	D	-	-	80	D
Sulfur Dioxide	SO_2	-	-	-	-	100	300	70	250	180	-	-	140	140
Sulfur Dioxide (Dry)	SO_2	-	-	-	-	140	300	70	250	180	-	-	100	70
Sulfur Trioxide (Dry)	SO_3	-	-	-	-	D	-	-	D	D	-	-	150	D
Sulfuric Acid 10%	H_2SO_4	10	-	D	A	140	350	140	250	180	A	A	200	140
Sulfuric Acid 30%	H_2SO_4	30	-	D	A	140	350	140	250	150	-	-	200	140
Sulfuric Acid 50%	H_2SO_4	50	-	D	A	140	350	140	200	150	-	-	200	140
Sulfuric Acid 60%	H_2SO_4	60	-	D	A	140	350	D	200	140	-	-	200	140
Sulfuric Acid 70%	H_2SO_4	70	-	D	B	140	350	D	200	140	-	-	200	140
Sulfuric Acid 80%	H_2SO_4	80	-	C	B	140	350	D	200	D	-	-	200	70
Sulfuric Acid 90%	H_2SO_4	90	-	C	B	73	350	D	200	D	-	-	200	D
Sulfuric Acid 95%	H_2SO_4	95	-	B	B	D	350	D	180	D	-	-	200	D
Sulfuric Acid 98%	H_2SO_4	98	1.84	B	B	D	350	D	140	D	-	-	200	D
Sulfuric Acid 100%	H_2SO_4	100	-	B	B	D	-	D	D	D	-	-	100	D
Sulfurous Acid	H_2SO_3	-	1.03	B	B	140	350	140	250	170	-	-	180	D
Sulfuryl Chloride	SO_2CL_2	-	1.67	B	-	-	-	-	-	-	-	-	D	-
Syrup	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tallow	-	-	0.86	-	-	-	-	D	-	-	-	-	-	-
Tannic Acid	$C_{76}H_{52}O_{46}$	-	-	B	-	140	250	D	250	180	-	-	100	70
Tanning Liquors	-	-	-	B	-	140	250	-	68	73	A	A	200	-
Tartaric Acid	-	-	1.80	-	-	140	250	140	250	140	-	-	180	D
Tetrachlorethane	$CHCL_2CHCL_2$	-	-	-	-	D	350	-	250	D	-	-	70	D
Tetrahydrofurane*	-	-	-	D	-	350	D	D	D	-	-	-	D	D
Toluene, Toluol*	$CH_3C_6H_5$	-	0.90	A	A	D	350	D	150	D	A	A	70	D
Tomato Juice	-	-	-	B	B	140	400	70	250	150	-	-	200	200
Trichlorethane	$CHCL_2CH_2CL$	-	-	-	-	D	350	-	-	D	-	-	-	D
Trichlorethylene	$CHCL{:}CCL_2$	-	1.10	-	-	D	350	D	170	68	-	-	200	D
Trichloropropane	-	-	1.39	-	-	-	-	-	-	-	-	-	-	-
Tricresylphosphate	$(CH_3C_6H_4O)_3PO$	-	1.16	-	-	D	-	-	-	-	-	-	-	-
Triethylamine	$(C_2H_5)_3N$	-	-	-	-	73	-	-	70	72	-	-	200	73

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Turpentine*	$C_{l0}H_{16}$	-	0.90	A	B	D	300	D	250	D	-	-	108	D
Urine	-	-	-	-	-	140	350	140	250	180	-	-	180	140
Vegetable Juice	-	-	-	A	B	140	400	-	200	140	-	-	300	140
Vinegar	-	-	-	B	C	140	400	140	200	140	-	-	180	140
Varnish (Use VitonÂ®- (D for Aromatic)	-	-	-	-	-	-	250	-	250	-	-	-	68	D
Water, Acid, Mine	-	-	-	A	A	140	400	-	280	150	A	A	180	250
Water, Distilled, Lab Grade	H_2O	-	-	-	A	140	400	140	280	180	A	A	180	250
Water, Fresh	H_2O	-	-	-	A	140	400	140	280	180	A	A	180	250
Water, Salt	H_2O	-	-	-	A	140	400	140	280	180	A	A	180	250
Weed Killers	-	-	-	A	-	-	-	-	-	-	A	A	A	-
Whey	-	-	-	-	-	-	-	-	-	-	A	A	-	-
Whiskey and Wines	-	-	-	A	-	A	A	B	-	A	A	A	A	A
White Liquor (Pulp Mill)	-	-	-	B	-	140	350	-	250	180	A	A	180	-
White Water (Paper Mill)	H_2O	-	-	A	-	-	-	-	-	A	A	A	A	-
Xylene*	$C_6H_4(CH_3)_2$	-	0.90	-	-	D	350	D	250	D	A	A	180	D
Zinc Chloride	ZnCL2	-	2.90	-	-	140	350	140	250	180	A	A	200	180
Zinc Hydrosulphite	-	-	-	A	-	-	-	-	-	-	A	A	-	A
Zinc Hydrosulfate	-	-	-	A	B	C	A	B	A	A	A	A	A	A
Zinc Sulfate	$ZnSO_4$	-	2.00	-	-	140	400	140	50	180	A	A	200	180

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