

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYTREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
ACETALDEHYDE CH ₃ CHO	D	D	D	A	D	-	A	B	A	A	A	C	D	0.78	30@20 C	26@38 C	202 C	
ACETAMIDE CH ₃ CONH ₂	D	A	A	A	A	-	A	A	A	A	-	A/70	A/140	-	-	-	-	
ACETATE SOLV CH ₃ COOR	-	D	D	C	-	-	A	B	-	A	-	D	-	-	-	-	-	
ACETIC ACID, GLACIAL	C	D	D	B	D	A	A	B	D	A	A	A/100	A/120	-	-	-	-	
ACETIC ACID CH ₃ COOH	C	C	C	A	C	A	A	B	D	A	A	B/70	A	1.05	30@20 C	1@38 C	118 C	
ACETIC ANHYDRIDE (CH ₃ CO) ₂ O	B	B	D	B	D	-	A	B	-	A	A	C	B/70	1.08	30@20 C	.3@38 C	140 C	
ACETONE CH ₃ COCH ₃	D	D	D	A	D	B	A	A	-	A	A	D	D	0.79	30@20 C	7@38 C	56.2 C	
ACETOPHENONE C ₆ H ₅ COCH ₃	D	D	D	A	D	-	A	B	A	B	-	A/70	A/70	1.03	-	-	202.3 C	
ACETYL CHLORIDE CH ₃ COCl	-	D	D	C	B	-	A	D	A	B	-	-	A/120	1.11	-	-	51 C	
ACETYLENE HC=CH	-	B	A	A	A	A	A	A	-	A	-	D	-	-	-	-	-	
ACRYLONITRILE CH ₂ =CHCN	-	D	D	D	D	-	A	B	-	A	B	B	A/70	0.81	-	-	77.3 C	
ADIPIC ACID HOOC(CH ₂) ₄ COOH	-	D	B	-	-	-	A	B	B	B	-	B	B	-	-	-	-	
- ALCOHOLS -																		
AMYL C ₄ H ₉ CH ₂ OH	C	B	B	A	B	A	A	B	-	A	A	B	A	0.82	40@20 C	<1@38 C	138.1 C	
BENZYL C ₆ H ₅ CH ₂ OH	-	B	D	C	A	-	A	B	-	A	A	A/70	A	1.04	40@20 C	-	205.4 C	
BUTYL C ₃ H ₇ CH ₂ OH	D	A	A	A	A	-	A	B	-	A	A	B	A	0.78	40@20 C	-	82.6 C	High melting point may require jacketing.
DIACETONE (CH ₃) ₂ C(OH)CH ₂ COCH ₃	B	D	D	B	D	-	A	A	-	A	A	D	A/70	0.93	35@20 C	-	167.9 C	
ETHYL CH ₃ CH ₂ OH	D	A	A	A	A	A	A	B	A	A	A	A	A	0.79	30@20 C	2@38 C	78.4 C	
HEXYL C ₅ H ₁₁ CH ₂ OH	D	B	A	B	A	-	A	A	-	A	A	A/70	A	.81 to .83	-	-	-	
ISOBUTYL C ₃ H ₇ CH ₂ OH	D	A	C	A	A	-	A	B	-	A	A	-	A	-	-	-	-	
ISOPROPYL H ₃ CCH(OH)CH ₃	D	B	C	B	A	A	A	B	C	A	A	A	A/150	-	-	-	-	
METHYL CH ₃ OH	D	A	A	B	D	A	A	B	A	A	A	A/120	A	0.79	30@20 C	5@38 C	64.7 C	
OCTYL C ₇ H ₁₅ CH ₂ OH	D	B	B	A	A	-	A	A	-	A	A	-	-	0.83	50@20 C	-	194.5 C	
PROPYL C ₂ H ₅ CH ₂ OH	D	A	A	B	A	-	A	A	-	A	A	A	A/120	0.79	30	2	82.4 C	
ALKAZENE	B	D	D	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
ALUM-NH3-Cr-K KA1(SO ₄) ₂ ·12H ₂ O	-	A	A	A	D	-	A	-	-	-	-	-	A	-	-	-	-	
ALUMINUM ACETATE	-	B	C	A	D	-	A	A	D	B	B	-	-	-	-	-	-	
ALUMINUM CHLORIDE 20% AlCl ₃	B	A	A	A	A	D	A	B	D	C	A	A	A	-	-	-	-	
ALUMINUM FLUORIDE AlF ₃	-	A	A	B	-	-	A	-	-	C	B	A	A	-	-	-	-	
ALUMINUM HYDROXIDE Al(OH) ₃	-	A	A	A	A	-	A	A	D	A	-	A	A	-	-	-	-	
ALUMINUM NITRATE Al(NO ₃) ₃ ·9H ₂ O	-	A	A	A	A	-	A	B	D	A	-	A	A	1.75	-	-	-	
ALUMINUM PHOSPHATE AlPO ₄	-	A	A	A	A	-	A	-	-	A	-	-	-	-	-	-	-	
ALUMINUM POTASSIUM SULFATE KA1(SO ₄) ₂	-	A	A	A	A	-	A	B	-	A	B	A	A	0.84	-	1@38 C	-	
ALUMINUM SULFATE Al ₂ (SO ₄) ₃	A	A	A	A	A	D	A	A	D	A	A	A	A	-	-	-	-	
AMINES R-NH ₂	-	B	D	-	D	-	A	A	-	A	-	-	-	-	-	-	-	
AMMONIA, ANHYDROUS NH ₃	B	A	B	A	D	-	A	B	D	A	A	A/70	D	0.7	30@20 C	212@38 C	(33.4) C	
AMMONIA, GAS (COLD)	-	A	A	C	A	-	A	-	-	-	-	B	D	-	-	-	-	
AMMONIA, GAS (HOT)	-	B	C	D	D	-	A	-	-	-	-	-	-	-	-	-	-	
AMMONIA, LIQUIDS	B	A	B	A	D	-	A	D	A	A	B	A/70	A	-	-	-	-	
AMMONIA NITRATE	-	C	A	-	-	-	A	C	-	A	-	A	-	-	-	-	-	Explosive in solid state.
AMMONIUM BIFLUORIDE NH ₄ HF ₂	-	A	A	-	A	-	A	D	-	A	B	A/70	A	-	-	-	-	
AMMONIUM CARBONATE (NH ₄) ₂ CO ₃	-	A	D	A	B	-	A	C	C	A	B	A	A	-	-	-	-	
AMMONIUM CASENITE	-	A	-	-	-	-	A	-	-	A	-	-	-	-	-	-	-	
AMMONIUM CHLORIDE (NH ₄ Cl)	A	A	A	A	A	A	A	C	D	C	A	A	A	1.54	50@20 C	+/- 1@38 C	-	
AMMONIUM HYDROXIDE NH ₄ OH	A	A	B	A	B	D	A	C	A	A	A	A	A	0.99	30@20 C	-	-	
AMMONIUM NITRATE NH ₄ NO ₃	D	A	A	A	B	-	A	B	A	A	A	A	A	1.5	50@20 C	+/- 1@38 C	-	
AMMONIUM NITRITE NH ₄ NO ₂	-	A	A	A	-	-	A	-	-	-	-	A/70	A	-	-	-	-	
AMMONIUM OXALATE (NH ₄ OOCC ₂ O ₂)	-	A	A	-	-	-	A	-	-	A	A	-	-	-	-	-	-	
AMMONIUM PERSULFATE (NH ₄) ₂ S ₂ O ₈	D	A	D	B	A	-	A	C	D	A	A	A	A	-	-	-	-	
AMMONIUM PHOSPHATE DIBASIC (NH ₄) ₂ HPO ₄	-	A	A	A	A	-	A	B	-	A	A	A	A	1.62	50@20 C	+/- 1@38 C	-	
AMMONIUM PHOSPHATE, MONO (NH ₄)H ₂ PO ₄	-	A	A	A	A	-	A	B	-	A	A	A	A	1.8	-	-	-	Mild acid.
AMMONIUM PHOSPHATE, TRI (NH ₄) ₃ PO ₄ ·H ₂ O	-	A	A	A	A	-	A	B	-	A	A	A	A	-	-	-	-	

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYTREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
AMMONIUM SULFATE (NH4)2SO4	A	A	A	A	D	B	A	B	C	A	B	A	A	1.77	50@20 C	+/- 1 @38 C	-	
AMMONIUM THIO-SULFATE (NH4)2S2O3	-	A	A	A	-	-	-	-	D	A	-	-	-	-	-	-	-	
AMYL-ACETATE (BANANA OIL) CH3CO2C5H11	D	D	D	B	D	B	A	B	-	A	B	C/70	A/120	0.88	30@20 C	<1@38 C	142 C	
AMYL-ALCOHOL CH3(CH2)4NH2	C	B	B	A	B	-	A	B	-	A	A	B	A	0.82	40@20 C	<1@38 C	138.1 C	
AMYL-BORATE C5H11BO3	-	B	A	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
AMYL-CHLORIDE CH3(CH2)4Cl	-	D	D	D	A	-	A	D	-	A	A	D	A	0.88	-	-	108.4 C	
AMYL-CHLORONAPHTHALENE	D	D	B	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
AMYL-NAPHTHALENE C15H18	D	D	D	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
ANILINE (AMINO BENZENE) C6H5NH2	-	D	D	-	D	D	A	C	-	A	B	B	C/70	1.02	40@20 C	<1@38 C	184.4 C	
ANILINE DYES	D	B	C	A	A	-	A	B	A	B	-	-	-	-	-	-	-	
ANILINE HYDROCHLORIDE C6H5NH2oHCl	D	D	C	B	B	-	A	D	D	D	-	-	-	-	-	-	-	
ANIMAL FATS	A	B	A	A	A	-	A	A	A	A	-	-	-	-	-	-	-	
ANSUL ETHER	B	D	C	C	D	-	A	-	-	-	-	-	-	-	-	-	-	
ANTI-FREEZE	-	C	A	-	A	-	A	A	A	A	-	A	-	-	-	-	-	
AQUA REGIA	-	D	D	C	C	-	A	D	-	D	D	B	A/70	-	-	-	-	
AROCHLOR(S) 1248 PCB MIXTURES	-	D	D	C	A	-	A	A	B	A	-	-	-	-	-	-	-	
AROMATIC HYDROCARBONS C6H5R	D	D	D	D	A	-	A	A	A	A	-	D	-	-	-	-	-	
ARSENIC ACID AsH3O4	C	A	A	A	A	-	A	D	-	A	-	A	A	2.0 to 2.5	50@20 C	+/-1@38 C	-	
ARSENIC TRICHLORIDE AsCl3	-	A	C	D	D	-	A	D	D	D	-	-	-	-	-	-	-	
ASKOREL PCB MIXTURES	D	C	B	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
ASPHALT	B	B	B	D	A	D	A	C	-	A	-	A	-	-	-	-	-	
BARIUM CARBONATE BaCO3	-	-	A	A	A	-	A	B	-	A	-	A	A	-	-	-	-	
BARIUM CHLORIDE BaCl2	A	A	A	A	A	-	A	D	C	C	A	A	A	3.1	50@20 C	+/-1@38 C	-	
BARIUM CYANIDE Ba(CN)2	-	A	C	-	A	-	A	-	-	A	-	-	-	-	-	-	-	
BARIUM HYDROXIDE Ba(OH)2	A	A	A	A	A	D	A	D	-	A	B	A	A	3.17	50@20 C	-	-	
BARIUM NITRATE Ba(NO3)2	-	A	A	-	A	-	A	-	A	A	-	-	-	-	-	-	-	
BARIUM SULFATE BaSO4	A	-	A	A	A	-	A	D	-	A	-	A	A	-	-	-	-	
BARIUM SULFIDE BaS	A	A	A	A	A	-	A	D	-	A	-	A	A	-	-	-	-	
BEER	A	A	A	A	A	A	A	A	D	A	-	A	A/175	-	50@20 C	+/-1@38 C	-	
BEET SUGAR LIQUIDS	D	B	A	A	A	-	A	A	A	A	-	A	A	-	-	-	-	
BEET SUGAR LIQUORS	D	A	A	A	A	-	A	A	B	A	-	-	-	-	-	-	-	
BENZALDEHYDE C6H5CHO	D	D	D	B	D	-	A	B	-	A	-	D	A/70	-	-	-	-	
BENZENE C6H6	D	D	D	D	A	B	A	B	-	A	B	D	A/70	-	-	-	-	
BENZENESULFONIC ACID C6H5SO3H	-	A	C	C	A	-	A	D	D	B	-	-	A/70	-	-	-	-	
BENZOIC ACID C6H5COOH	-	D	D	B	A	-	A	B	-	A	A	B	A	-	-	-	-	
BENZOL	D	D	D	D	A	A	A	B	-	A	A	D	A/70	-	-	-	-	
BENZYL BENZOATE C6H5CO2CH2C6H5	-	D	D	B	A	-	A	A	B	B	-	-	-	-	-	-	-	
BENZYL CHLORIDE C6H5CH2Cl	D	D	D	D	A	-	A	D	D	B	-	D	C	-	-	-	-	
BLAST FURNACE GAS CO,H2,CH4,CO2,N2	-	A	C	B	A	-	A	-	-	-	-	-	-	-	-	-	-	
BLEACH SOLUTIONS	-	D	D	A	A	-	A	D	-	-	-	B	-	-	-	-	-	
BOROX (SODIUM BORATE) B4Na2O7	A	D	B	A	A	A	A	C	A	A	A	A	A	-	-	-	-	
BORDEAUX MIXTURE (COPPER SULFATE SAL)	-	A	A	A	A	-	A	D	C	A	-	-	-	-	-	-	-	
BORIC ACID H3BO3	A	A	A	A	A	A	A	B	D	A	A	A	A	-	-	-	-	
BRINE NaCl	A	A	A	A	A	A	A	-	C	-	A	A	A	-	-	-	-	
BREWERY SLOP	-	A	A	-	A	-	A	-	A	A	-	-	-	-	-	-	-	
BROMINE	D	D	D	C	A	-	A	D	-	D	A	D	A/150	-	-	-	-	
BROMINE-ANHYDROUS Br2	D	D	-	C	A	D	A	D	D	D	-	D	A/150	-	-	-	-	
BROMINE-TRIFLUORIDE BrF3	D	D	D	D	D	-	A	D	D	B	-	D	-	-	-	-	-	
BROMINE-WATER	-	B	-	-	A	-	A	D	D	B	-	D	A	-	-	-	-	
BROMBENZENE C6H5Br	D	D	D	D	B	-	A	D	B	B	-	D	-	-	-	-	-	
BUNKER OIL	B	B	A	D	A	-	A	A	A	A	-	-	-	-	-	-	-	
BUTADIENE C4H6	D	B	A	C	A	-	A	A	-	A	-	-	A	0.62	50@20 C	60@38 C	-4.41 C	(Erythrene). Suction conditions critical.
BUTANE (LPG) C4H10	A	B	A	C	A	A	A	A	-	A	-	C	A	-	-	-	-	
BUTTER	A	B	A	A	A	-	A	A	D	A	-	-	-	-	-	-	-	
BUTTERMILK	-	A	A	-	A	-	A	A	-	A	-	-	-	-	-	-	-	
BUTYL ACETYLE RICINOLEATE C24H44O5	D	B	A	D	A	-	A	A	A	A	-	-	-	-	-	-	-	
BUTYL ACETATE CH3CO2(CH2)3CH3	C	D	D	B	D	B	A	A	-	C	B	D	A/70	0.88	30@20 C	.5@38 C	126.1 C	

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYTREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
BUTYL ACRYLATE CH2CHCO2C4H9	-	D	D	D	D	-	A	-	-	-	-	D	A/70	-	-	-	-	
BUTYL AMINE CH3(CH2)2CH2HN2	D	D	B	D	D	-	A	-	-	-	-	-	B/70	0.74	-	-	77.8 C	
BUTYL BENZOATE C6H5COO(CH2)3CH3	-	D	-	B	A	-	A	B	B	B	-	-	-	1.01	-	-	249 C	
BUTYL CARBITOL CH3(CH2)3OCH2CH2	-	B	C	A	B	-	A	-	-	-	-	-	-	-	-	-	-	
BUTYL CELLOSOLVE HOCH2CH2OC4H9	-	C	B	A	C	-	A	-	-	-	-	-	-	-	-	-	-	
BUTYL OLEATE C22H42O2	-	D	C	B	A	-	A	-	-	-	-	-	-	-	-	-	-	
BUTYL STEARATE CH3(CH2)16CO2(CH2)3CH3	-	D	A	B	A	-	A	B	B	B	-	-	-	-	-	-	-	
BUTYLENE C4H8	-	-	B	D	A	-	A	A	-	A	-	D	A	0.62	-	-	3.7 C	Suction conditions critical.
BUTYRALDEHYDE CH3(CH2)2CHO	C	C	D	B	D	-	A	-	-	-	-	D	B	0.82	30@20 C	3@38 C	75.7 C	
BUTYRIC ACID CH3(CH2)2CO2H	-	D	D	C	D	-	A	B	-	A	A	A	A	0.96	30@20 C	<1@38 C	164.1 C	
CALCIUM BISULFIDE	-	A	A	-	A	-	A	C	-	B	-	A	A	-	-	-	-	
CALCIUM CARBONATE (CHALK) CaCO3	-	A	A	A	A	-	A	C	A	A	A	A	A	-	-	-	-	
CALCIUM CHLORIDE (BRINE) CaCl2o6H2O	A	A	A	A	A	A	A	C	C	C	A	A	A	2.15	50@20 C	-	-	
CALCIUM HYDROXIDE Ca(OH)2	A	A	A	A	A	B	A	C	-	A	A	A	A	2.24	25000@20 C	+/-1@38 C	-	Milk of lime. Abrasive.
CALCIUM HYPOCHLORITE Ca(ClO)2	D	B	B	B	A	A	A	C	D	A	A	A	A	-	50@20 C	-	-	
CALCIUM NITRATE Ca(NO3)2	A	A	A	A	A	-	A	B	C	B	-	A	A	1.82	-	-	-	
CALCIUM SULFATE (GYPSUM) CaSO4	-	D	A	A	A	-	A	B	-	A	B	A	A	-	-	-	-	
CALCIUM SULFIDE CaS	A	B	A	A	A	-	A	A	B	B	-	A/120	A	2.8	-	-	-	
CALGON (NaPO3)6	-	A	A	-	A	-	A	-	D	A	-	A	-	-	-	-	-	
CANE JUICE	-	A	A	-	-	-	A	B	A	A	-	D	-	1.4	5000@20 C	+/-1@38 C	-	
CANE SUGAR LIQUORS	D	A	A	A	A	-	A	A	B	A	-	A	-	-	-	-	-	
CARBAMATE H2NCO2R	D	B	C	B	A	-	A	-	-	-	-	-	-	-	-	-	-	
CARBITOL CH3CH2OCH2CH2OCH2CH2OH	D	B	B	B	A	-	A	B	B	B	-	C	A	0.99	-	-	201.9 C	
CARBOLIC ACID (SEE PHENOL) C6H5OH	C	C	D	C	A	D	A	A	A	B	-	C	-	.95 to 1.08	65@65 F	-	-	
CARBON BISULFIDE CS2	C	D	D	A	B	A	A	A	-	A	-	D	A	-	-	-	-	
CARBON DIOXIDE CO2	A	B	A	A	B	A	A	A	D	A	-	A	A	1.1	30@20 C	-	-	
CARBON DISULFIDE CS2	C	D	D	D	A	-	A	C	-	A	-	D	A/70	1.26	30@20 C	11@38 C	46.3 C	
CARBON MONOXIDE CO	A	B	A	C	A	A	A	A	-	A	-	A	-	-	-	-	-	
CARBON TETRACHLORIDE CCl4	C	D	C	D	A	D	A	D	C	A	A	D	A	1.59	30@20 C	4@38 C	76.8 C	
CARBONATED WATER	-	A	A	-	A	-	A	A	-	A	-	A	A	-	-	-	-	
CARBONIC ACID H2CO3	A	A	B	A	A	-	A	A	D	B	A	A	A	1.16	30@20 C	-	-	
CATSUP	-	C	A	-	A	A	A	D	D	A	-	A	-	-	-	<1@38 C	-	
CELLOSOLVE HOCH2CH2OR	-	C	C	A	B	-	A	B	B	B	-	A	A	-	-	-	-	
CELLOSOLVE ACETATE	D	D	C	A	A	-	A	-	-	-	-	-	A/120	0.98	-	-	156.3 C	
CELLULOSE	-	D	D	A	A	-	A	-	-	-	-	-	-	-	-	-	-	
CLORACETIC ACID	D	D	D	B	D	-	A	D	D	C	A	D	A	-	-	-	-	
CHLORINATED GLUE	-	D	C	-	A	-	A	D	D	A	-	-	-	-	-	-	-	
CHLORINE (DRY) Cl2	D	C	C	C	A	D	A	D	D	-	-	D	A	1.56	30@20 C	155@38 C	-34.6 C	
CHLORINE (WET) Cl2/H2O	D	D	D	D	A	D	A	D	B	D	A	D	A	-	-	-	-	
CHLORINE, ANHYDROUS LIQUID Cl2	-	D	D	-	A	-	A	D	D	D	A	D	A	-	-	-	-	
CHLORINE DIOXIDE ClO2	-	D	C	A	-	A	A	D	D	D	A	-	A	-	-	-	-	
CHLORINE TRIFLUORIDE ClF3	D	D	D	D	C	-	A	D	D	A	-	-	-	-	-	-	-	
CHLOROACETONE ClCH2COCO3	-	C	D	D	B	D	A	D	B	B	-	D	-	1.16	-	-	121 C	
CHLOROBENZENE (MONO) C6H5Cl	D	D	D	D	A	D	A	D	-	A	A	D	A/150	1.11	30@20 C	<1@38 C	132 C	
CHLOROBROMOMETHANE ClCH2Br	-	D	D	B	A	-	A	D	B	B	-	D	-	1.69	-	-	106.7 C	
CHLOROBUTADIENE C4H5Cl	-	D	D	D	A	-	A	D	B	A	-	D	-	-	-	-	-	
CHLORODODECANE	-	D	D	D	A	-	A	D	-	-	-	D	-	-	-	-	-	
CHLOROFORM CHCl3	C	D	D	D	A	D	A	D	D	A	B	D	A	1.49	30@20 C	6@38 C	61.2 C	
O-CHLORONAPHTHALENE ClOH7Cl	-	D	D	D	A	-	A	D	B	B	-	D	-	1.19	30@20 C	-	259.3 C	
1-CHLORO 1-NITRO ETHANE	D	D	D	D	C	-	A	D	-	-	-	D	-	-	-	-	-	
CHLOROSULFONIC ACID HSO3Cl	D	D	D	D	D	D	A	D	D	D	B	D	D	1.79	-	-	151 C	
CHLOROTOLUENE	D	D	D	D	A	-	A	D	B	B	-	D	-	1.07 to 1.08	-	-	-	
CHLOROX (BLEACH)	-	B	C	-	A	-	A	D	D	A	A	B	-	-	-	-	-	
CHOCOLATE SYRUP	-	-	A	-	A	-	A	A	D	A	-	A	-	1.5	10000 to 500000	<1@40 C	-	
CHROMIC ACID 5% H2CrO4	-	D	D	A	A	-	A	C	D	A	A	A/70	A/120	-	-	-	-	
CHROMIC ACID 50%	D	D	D	C	A	-	A	C	D	B	A	A/70	A/120	-	-	-	-	
CHROME PLATING SOLUTIONS	D	D	D	D	A	-	A	D	D	D	A	B	A	-	-	-	-	

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYTREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
CIDER	-	A	A	-	A	-	A	B	D	A	-	-	-	-	50@20 C	+/-1 @38 C	-	
CITRIC ACID C6N8O7oH2O	A	A	A	A	A	A	A	C	D	A	A	A	A/250	1.59	50@20 C	+/-1 @38 C	-	
CITRIC OILS	-	D	A	B	A	-	A	C	-	A	-	A	-	-	-	-	-	
COBALT CHLORIDE (2M) CoCl2o6H2O	D	A	A	C	A	-	A	D	D	-	-	A	-	-	-	-	-	
COFFEE	-	A	A	-	A	-	A	A	-	A	-	A	-	-	-	-	-	
COKE OVEN GAS	-	C	C	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
COPPER ACETATE Cu(C2H3O2)2oCuOo6H2O	-	B	B	A	-	-	A	D	D	C	-	-	-	-	50@20 C	-	-	
COPPER CHLORIDE CuCl2o2H2O	A	B	A	A	A	A	A	D	D	D	-	A	A	3.05	50@20 C	-	-	
COPPER CYANIDE CuCN	A	A	A	A	A	-	A	D	D	A	A	A	A	-	-	-	-	
COPPER FLUOBORATE	-	A	B	-	A	-	A	D	D	D	B	-	-	-	-	-	-	
COPPER NITRATE Cu(NO3)2	-	A	A	A	A	-	A	D	D	A	A	A	A	2.07	50@20 C	-	-	
COPPER SULFATE (5% SOLUTION) CuSO4o5H2O	A	A	A	A	A	A	A	D	D	A	-	A	A	2.28	50@20 C	-	-	
CREAM	-	C	A	-	A	-	A	A	D	A	-	A	-	-	-	-	-	
CRESOLS	D	D	D	D	A	-	A	B	-	A	-	D	A/150	1.02	1000@40 C	-	201.9 C	
CRESYLIC ACID C7H10O2	D	D	D	D	A	-	A	C	-	A	B	C	A.150	-	-	-	-	
CYCLOHEXANE C6H12	B	D	A	D	A	A	A	A	-	A	-	D	A	0.78	50@20 C	3@38 C	80.7 C	
CYCLOHEXANOL C6H11OH	-	A	B	C	A	-	A	C	B	B	-	B	A/150	0.96	-	-	161.1 C	
CYCLOHEXANONE C6H10O	-	D	D	C	D	-	A	B	B	B	A	D	B/70	0.95	500@20 C	-	155.7 C	
CYANIC ACID	-	D	C	-	-	-	A	-	-	-	-	-	-	-	-	-	-	
DECALIN (DEKLIN) C10H18	D	D	D	D	A	-	A	-	-	-	-	B/120	A/175	-	-	-	-	
DECANE CH3(CH2)8CH3	B	D	B	C	A	-	A	-	-	-	-	A/70	-	-	-	-	-	
DENATURED ALCOHOL	D	B	A	A	B	-	A	A	A	A	-	A	A	-	-	-	-	
DETERGENTS	A	B	A	A	A	-	A	A	-	A	-	A	-	1.0 to 1.3	100 to 75000	-	-	
DEVELOPING FLUIDS	D	A	A	A	A	-	A	-	-	B	-	-	-	-	-	-	-	
DIACETONE (CH3)2COHCH2COCH3	B	-	D	A	D	-	A	A	A	A	-	D	A/70	0.93	35@20 C	-	167.9 C	
DIBENZYL ETHER (C6H5CH2)2O	B	D	D	C	C	-	A	B	B	B	-	-	-	-	-	-	-	
DIBENZYL SEBECATE C24H30O4	D	D	D	B	B	-	A	-	-	-	-	-	-	-	-	-	-	
DIBUTYL AMINE (C4H9)2NH	-	D	C	D	B	-	A	-	-	-	-	D	-	.74 to .78	-	-	-	
DIBUTYL ETHER	B	C	B	C	C	-	A	B	B	B	-	D	A/120	-	-	-	-	
DIBUTYL PHTHALATE C6H4(CO2C4H9)2	C	D	D	A	B	A	A	A	A	A	-	C	D	1.05	-	-	340 C	
DIBUTYL SEBECATE C18H34O4	D	D	B	B	A	A	-	A	A	-	-	C	D	0.93	-	-	344 C	
O-DICHLOROBENZENE C6H4CL2	D	D	D	D	A	-	A	D	B	B	-	B/70	A/150	1.3 to 1.5	-	-	172 C	
DICHLORO-ISOPROPYL ETHER C6H12OCl2	B	D	D	C	C	-	A	D	-	-	-	D	-	-	-	-	-	
DICYCLOHEXYLAMINE (C6H11)2NH	-	D	D	D	B	-	A	-	-	-	-	-	-	0.93	-	-	254 C	
DIESEL FUEL	B	D	A	D	A	-	A	A	A	A	-	B/70	A	-	-	-	-	
DIETHYL BENEZENE C6H4(C2H5)2	D	D	D	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
DIETHYL ETHER (CH3CH2)2O	A	C	B	D	D	-	A	B	B	B	-	-	A/70	0.71	30@20 C	9@20 C	34.6 C	
DIETYL SEBECATE C14H26O4	-	D	D	B	A	-	A	A	A	A	-	A/120	A/120	0.97	-	-	305 C	
DIETHYLAMINE (CH3CH2)2NH	-	B	B	-	D	-	A	A	-	A	-	C	A/70	0.71	-	+/-12@38 C	55.5 C	
DIETHYLENE GLYCOL HOCH2CH2OCH2CH2O	D	A	A	D	A	-	A	-	-	A	-	-	-	-	-	-	-	
DIISOBUTYLINE [HC-C(CH3)2]2	-	C	B	-	A	-	A	B	B	B	-	-	A	0.72	-	2@38 C	104.9 C	
DIISOPROPYL BENZENE CH4[CH(CH3)2]2	-	D	D	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
DIISOPROPYL KETONE [(CH3)2CH]2CO	-	D	D	A	D	-	A	-	-	-	-	-	-	-	-	-	-	
DIMETHYL ANILINE C6H5N(CH3)2	-	D	D	B	C	-	A	-	-	-	-	A	A/70	-	-	-	-	
DIMETHYL FORMAMIDE HCON(CH3)2	-	D	C	-	A	-	A	A	A	A	-	A/120	D	-	-	-	-	
DIMETHYL PHTHALATE C6H4(CO2CH3)2	-	D	D	B	C	-	A	-	-	B	-	A/70	A/70	-	-	-	-	
DINITROTOLUENE CH3C6H3(NO2)2	-	D	D	D	B	-	A	-	-	-	-	-	-	-	-	-	-	
DIOCTYL PHTHALATE C24H38O4	C	D	D	B	A	A	A	A	A	A	-	-	-	-	300 to 400	-	-	
DIOCTYL SEBECATE C26H50O4	B	D	D	B	B	-	A	-	-	-	-	-	-	-	-	-	-	
DIOXANE	-	D	D	A	D	-	A	B	A	A	-	C/120	C/120	-	-	-	-	
DIOXOLANE	-	D	D	C	B	-	A	-	-	-	-	-	-	-	-	-	-	
DIPENTENE C10H16	-	D	C	D	A	-	A	A	A	A	-	-	-	-	-	-	-	
DIPHENYL	-	D	D	D	A	-	A	A	B	B	-	-	A/120	-	-	-	-	
DIPHENYL OXIDE C6H5OC6H5	-	D	D	D	A	-	A	-	-	A	-	-	-	-	-	-	-	
DOWTHERM OIL (C6H5)2 AND (C6H5)2O	B	D	-	D	A	-	A	C	B	A	-	-	-	1.06	40@20 C	<1@38 C	-	
DRY CLEANING FLUIDS	C	D	C	D	A	-	A	A	A	A	-	D	-	-	-	-	-	
DYES	-	C	-	-	A	-	A	B	-	A	-	-	-	-	wide range	-	-	Check for possible abrasiveness.

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
EPICHLOROHYDRINE C3H5ClO	-	D	D	B	D	D	A	D	A	A	-	B/70	D	1.18	30@20 C	-	117 C	
EPSOM SALTS MgSO4o7H2O	-	A	A	A	A	-	A	A	-	A	B	A	-	-	-	-	-	
ETHANE C2H6	B	B	A	D	A	-	A	A	-	A	-	-	-	-	-	-	-	
ETHANOLAMINE H2NCH2CH2OH	C	B	B	B	D	-	A	-	-	A	-	D	-	1.02	500 to 1000	1@38 C	-	
ETHER	C	D	D	D	C	-	A	A	-	A	B	C	A/70	-	-	-	-	
ETHYL ACETATE CH3COOCH2CH3	D	D	D	B	D	B	A	B	-	A	B	B	D	0.9	30@20 C	-	772 C	
ETHYL ACETOACETATE CH3COCH2COOCH2	C	D	D	B	D	-	A	A	A	-	-	-	A/70	1.03	-	-	180 C	
ETHYL ACRYLATE CH2CHCO2CH2CH3	-	D	D	B	D	-	A	A	A	-	-	D	C	0.93	-	1@38 C	100 C	
EHTYL BENZENE CH3CH2C6H5	D	D	D	D	A	-	A	A	B	B	A	D	C	0.87	30@20 C	+/-1@38 C	136.2 C	
ETHYL BENZOATE C6H5CO2CH2CH3	-	D	D	B	A	-	A	A	A	A	-	-	-	1.05	35@20 C	-	212.4 C	
ETHYL CELLOSOLVE C2H5O(CH2)2OH	-	C	C	A	B	-	A	-	-	-	-	-	-	-	-	-	-	
ETHYL CELLULOSE	B	B	B	B	A	-	A	B	A	B	-	-	-	-	-	-	-	
ETHYL CHLORIDE C2H5Cl	C	A	A	C	A	D	A	D	C	A	B	D	A	0.9	50@20 C	19@20 C	12.3 C	
ETHYL CHLOROCARBONATE ClCO2C2H5	-	C	-	-	A	-	A	D	A	-	-	-	-	-	-	-	-	
ETHYL CHLOROFORMATE	-	C	-	-	A	-	A	D	-	-	-	D	-	-	-	-	-	
ETHYL ETHER	C	D	B	D	D	-	A	C	B	A	-	C	-	-	-	-	-	
ETHYL FORMATE HCOOCH2CH3	-	B	D	B	C	-	A	C	A	B	-	-	-	0.92	30@20 C	-	54.2 C	
ETHYL MERCAPTAN CH3CH2SH	-	D	D	D	B	-	A	B	A	B	-	-	-	0.84	35@20 C	-	35.1 C	
ETHYL OXALATE C2H5O2CCO2C2H5	A	D	D	A	B	-	A	A	-	-	-	-	-	-	-	-	-	
ETHYL PENTOCHLOROBENZENE C2H5C6Cl5	C	D	D	D	A	-	A	D	-	-	-	D	-	-	-	-	-	
ETHYL SILICATE Si(OCH2CH3)4	-	A	A	A	A	-	A	B	A	A	-	-	-	-	-	-	-	
ETHYL SULFATE C2H5OSO2OH	-	-	A	-	A	-	A	-	-	D	-	-	-	-	-	-	-	
ETHYLENE C2H4	-	-	B	C	A	-	A	A	A	A	-	-	-	-	-	-	-	
ETHYLENE CHLORIDE	D	D	D	C	A	-	A	D	C	A	B	D	A	-	-	-	-	
ETHYLENE CHLOROXYDRIN ClCH2CH2OH	-	B	D	A	B	-	A	D	B	B	-	D	A/70	1.2	35@20 C	-	128.6 C	
ETHYLENE DIAMINE (CH2)2(NH2)2	-	A	B	A	D	-	A	D	A	A	-	A	D	0.9	-	-	117.2 C	
ETHYLENE DICHLORIDE Cl(CH2)2Cl	D	D	D	B	A	D	A	D	-	A	B	D	A	-	-	-	-	
ETHYLENE GLYCOL (CH2OH)2	B	A	A	A	A	A	A	A	B	A	-	A/120	A	1.12	100 to 500	<1	197.7 C	Additives may cause abrasion &
ETHYLENE OXIDE (CH2)2O	C	D	D	D	D	A	A	A	-	-	-	D	A	0.89	30@20 C	40	10.7 C	Provide vendor with product info. prior
ETHYLENE TRICHLORIDE ClCHCCl2	-	D	D	D	A	-	A	D	A	A	-	D	A	-	-	-	-	
FATTY ACIDS CnH2n+1COOH	-	B	C	D	A	-	A	B	D	A	A	B/70	A	-	-	-	-	
FERRIC CHLORIDE FeCl3	A	B	A	A	A	B	A	D	D	D	B	A	A	2.8	-	-	-	
FERRIC NITRATE Fe(NO3)3	-	A	A	A	A	-	A	D	-	A	A	A	A	1.68	-	-	-	
FERRIC SULFATE Fe2(SO4)3	-	A	B	A	A	-	A	D	D	A	A	A	A	-	-	-	-	
FERROUS CHLORIDE FeCl2	-	A	B	A	A	-	A	D	D	D	B	A	A	2.7	50@20 C	-	-	
FERROUS SULFATE FeSO4	-	A	B	A	A	-	A	D	-	A	B	A	A	1.9	50@20 C	-	-	
FISH OIL	-	-	A	-	A	-	A	-	-	-	-	-	-	0.9	200 to 600@20 C	<1	-	
FLUBORIC ACID HBF4	-	A	B	A	A	-	A	D	D	B	A	A	A	-	-	-	-	
FLUROBORIC ACID	-	A	A	A	-	-	A	-	-	-	-	-	-	-	-	-	-	
FLUORINE (LIQUID)	-	C	D	C	B	-	A	D	D	A	-	D	A/70	-	-	-	-	
FLUOROBENZENE FC6H5	-	D	D	D	A	-	A	D	-	-	-	D	-	-	-	-	-	
FLUOROCARBON OILS FxCyHz	-	-	-	A	-	-	A	D	-	-	-	D	-	-	-	-	-	
FLUOROLUBE	-	A	C	A	B	-	A	-	-	-	-	-	-	-	-	-	-	
FLUORINATED CYCLIC ETHERS	-	-	-	-	-	-	A	D	-	-	-	D	-	-	-	-	-	
FLUOSILICIC ACID H2SiF6	B	A	A	B	-	B	A	D	D	B	-	A	-	0.9	300@20 C	-	-	Attacks glass.
FORMALDEHYDE HCHO	D	D	C	A	A	B	A	A	D	A	B	A	A/120	1.29	50@20 C	-	-	
FORMIC ACID HCOOH	D	D	D	B	B	B	A	D	D	A	A	A	A	1.22	100@20 C	-	100.8 C	
FREON 11 CCl3F	D	D	C	D	C	A	A	D	C	A	-	D	A	0.82	30	-	-	
FREON 12 (WET) Cl2CF2	A	B	A	B	A	A	A	D	-	A	-	D	A	-	30	-	-	
FREON 13 ClCF3	-	A	A	A	A	A	A	D	-	-	-	D	A	-	30	-	-	
FREON 21 FCHCl2	-	D	D	D	D	-	A	D	-	-	-	D	A	-	30	-	-	
FREON 22 HCClF2	D	A	D	C	D	-	A	D	-	A	-	D	A	-	30	-	-	
FREON 31	-	A	D	A	D	-	A	D	-	-	-	-	-	-	30	-	-	
FREON 32	-	A	A	A	C	-	A	D	-	-	-	-	-	-	30	-	-	
FREON 112	-	B	B	D	A	-	A	D	-	-	-	-	-	-	30	-	-	
FREON 113 Cl3CCF3	B	A	A	D	C	A	A	D	-	A	D	-	A	-	30	-	-	
FREON 114 C2Cl2F4	A	A	A	C	A	A	A	D	-	-	D	-	A	-	30	-	-	

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYTREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
FREON 115 C2CCIF5	-	A	A	A	B	-	A	D	-	-	-	-	-	-	30	-	-	
FREON 142b	-	A	A	A	D	-	A	D	-	-	-	-	-	-	30	-	-	
FREON 152a	-	A	A	A	D	-	A	D	-	-	-	-	-	-	30	-	-	
FREON 218	-	A	A	A	A	-	A	D	-	-	-	-	-	-	30	-	-	
FREON C316	-	A	A	A	A	-	A	D	-	-	-	-	-	-	30	-	-	
FREON C318	-	A	A	A	A	-	A	D	-	-	-	-	-	-	30	-	-	
FREON 13B1 BrCF3	A	A	A	A	A	-	A	D	-	-	-	-	-	-	30	-	-	
FREON 114B2	-	A	B	D	B	-	A	D	-	-	-	-	-	-	30	-	-	
FREON 502	-	A	B	-	B	-	A	D	-	-	-	-	-	-	30	-	-	
FREON TF	A	A	A	D	B	-	A	D	-	A	-	-	-	-	30	-	-	
FREON T-WD602	A	B	B	B	A	-	A	D	-	-	-	-	-	-	30	-	-	
FREON TMC	B	B	B	B	A	-	A	D	-	-	-	-	-	-	30	-	-	
FREON T-P35	A	A	A	A	A	-	A	D	-	A	-	-	-	-	30	-	-	
FREON TA	A	A	A	A	C	-	A	D	-	A	-	-	-	-	30	-	-	
FREON TC	A	A	A	B	A	-	A	D	-	-	-	-	-	-	30	-	-	
FREON MF	C	C	A	-	-	-	A	D	-	-	-	-	-	-	30	-	-	
FREON BF	-	B	B	-	-	-	A	D	-	A	-	-	-	-	30	-	-	
FRUIT JUICE	-	-	A	-	A	-	A	B	D	A	B	A	A	1.2	100@20 C	+/-1	-	
FUEL OIL	B	B	A	D	A	-	A	A	-	B	B	C	A	0.9	38 to 400	+/-1	-	Oils 1, 2, 3 & 4
FUMARIC ACID HOOCH=CHCOOH	-	B	C	-	A	-	A	-	-	A	A	-	-	-	-	-	-	
FURAN, FURFURAN C4H4O	-	D	D	D	C	-	A	-	-	-	-	C	-	-	-	-	-	
FURAN RESIN	-	D	D	D	A	-	A	-	-	A	-	C	-	-	-	-	-	
FURFURAL C5H4O2	D	D	D	A	A	D	-	A	A	-	B	D	B/120	1.16	50@20 C	<1	161.7 C	
GALLIC ACID C6H2(OH)3COOH	D	C	D	B	A	-	A	A	D	B	B	A	A/70	-	-	-	-	
GASOLINE, LEADED	-	D	B	D	A	A	A	A	A	-	A	D	A	0.7	30@20 C	5 to 11	-	
GELATINE	A	A	A	A	A	-	A	A	D	A	A	A	A	-	-	-	-	Check for extent of abrasive elements.
GLUCOSE C6H12O6	A	A	A	A	A	-	A	A	B	A	-	A	A	-	-	-	-	
GLUE PVA	A	A	A	B	A	A	A	B	-	A	-	B	A	-	500000@20 C	-	-	Check viscosity & vapor pressure of
GLYCERINE	A	A	A	A	A	A	A	A	B	A	A	A	A	1.26	5000@20 C	<1@38 C	290 C	
GLYCOLIC ACID HOCH2COOH	-	A	A	-	A	-	A	-	-	-	-	A	A/70	A/70	-	-	-	
GLYCOLS	B	A	A	A	A	-	A	B	B	B	-	A	A	1.12	100 to 500	<1	197.9 C	Additives may cause abrasion
GOLD MONOCYANIDE AuCN	-	A	A	-	A	-	A	-	D	A	-	-	-	-	-	-	-	
GRAPE JUICE	-	A	A	-	A	-	A	B	D	A	-	A	-	-	-	-	-	
GREASE	-	D	A	D	A	-	A	A	-	A	-	-	-	-	10000 to 1000000	-	-	Check viscosity, thixotropic.
GREEN SULFATE LIQUOR	A	A	A	A	A	-	A	-	-	-	-	A	-	-	-	-	-	
HALOWAX OIL	-	D	D	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
HEPTANE C7H16	-	B	A	-	A	-	A	A	-	A	-	C/170	A	.67 to .7	30@20 C	2@38 C	-	
HEXACHLOROBUTADENE	D	D	D	D	A	-	A	D	C	A	-	D	A	-	-	-	-	
HEXANE C6H14	B	B	A	D	A	A	A	A	-	A	A	C/170	A	.65 to .66	30@20 C	+/-5@38 C	-	
N-HEXALDEHYDE	B	A	D	B	C	-	A	A	A	A	-	-	-	-	-	-	-	
N-HEXENE-1 H2CCH(CH2)3CH3	A	B	A	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
HONEY	-	A	A	-	A	-	A	A	A	A	-	A	-	-	340 to 40000	-	-	
HYDRAULIC OILS (PETROLEUM)	A	B	A	C	A	-	A	A	A	A	-	D	-	-	-	-	-	
HYDRAULIC OILS (SYNTHETIC)	-	-	C	-	A	-	A	A	A	A	-	D	-	-	-	-	-	
HYDRAZINE H2NNH2	D	B	B	A	A	D	A	-	C	A	-	A/70	A/120	1.01	-	-	113.5 C	Cl can be used in <30% concentration.
HYDROBROMIC ACID HBR	D	D	D	A	A	-	A	D	D	D	A	B	A	1.78	-	-	-	
HYDROCHLORIC ACID (20%) HCl	B	D	C	A	A	B	A	D	D	D	A	A	A	1.05	-	-	-	
HYDROCHLORIC ACID (37%) (HOT) HCl	C	D	D	C	A	D	A	D	D	D	D	-	A	-	-	-	-	
HYDROCHLORIC ACID (37%) (COLD) HCl	C	D	C	B	A	D	A	D	D	D	A	A	A	1.48	50@20 C	-	-	
HYDROCYANIC ACID HCN	C	B	C	B	A	C	A	A	-	A	A	A	A	0.92	50@20 C	19@20 C	-	Poison vapors.
HYDROFLUORIC ACID (20%) HF	-	C	D	-	A	D	A	D	D	D	B	A	A	-	-	-	-	
HYDROFLUORIC ACID (50%) HF	D	C	D	A	A	D	A	D	D	D	B	B	A	-	-	-	-	
HYDROFLUORIC ACID (75%) HF	-	D	D	C	A	D	A	D	D	D	-	B	A	-	-	-	-	
HYDROFLUORIC ACID (CONC.)(HOT) HF	-	D	D	-	B	D	A	D	D	D	-	D	A	-	-	-	-	
HYDROFLUORIC ACID (CONC.)(COLD) HF	-	B	D	-	A	D	A	D	D	D	-	D	A	1.15	-	14@38 C	-	
HYDROFLUOSILICIC ACID (20%)	B	B	B	B	A	-	A	D	D	D	-	A	A	-	-	-	-	
HYDROGEN GAS H2	A	A	A	B	A	A	A	A	A	A	-	A	A	-	-	-	-	

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYTREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
HYDROGEN PEROXIDE H2O2	C	D	B	C	A	-	A	A	D	A	A	A/70	A/70	1.44	30@20 C	-	151.4 C	Conc. over 65% are explosive.
HYDROGEN SULFIDE (WET)(COLD) H2S	B	B	C	A	A	A	A	D	D	A	-	A	A	1.19	30@20 C	-	-	-
HYDROGEN SULFIDE (WET)(HOT) H2S	-	C	D	A	B	A	A	D	D	A	-	A	A	-	-	-	-	-
HYDROGEN SULFIDE AQUEOUS SOLUTION	-	B	C	A	D	-	A	D	D	A	-	A	A	-	-	-	-	-
HYDROQUINONE C6H4(OH)2	-	D	C	-	C	-	A	A	B	B	-	A	A	-	-	-	-	-
HYDROXYACETIC ACID (70%) HOCH2COOCH	-	A	A	-	A	-	A	D	-	-	-	-	-	-	-	-	-	-
HYPOCHLOROUS ACID HClO	-	D	D	B	A	-	A	D	D	D	-	A	A	-	-	-	-	-
INK	-	-	A	-	A	-	A	C	D	A	-	-	-	1 to 1.4	200 to 150000	-	-	Check viscosity, may be abrasive.
IODINE (IN ALCOHOL) I2	D	D	B	D	A	-	A	D	D	D	B	A/70	A/150	4.93	-	-	184.4 C	-
IODINE PENTAFLUORIDE	D	D	D	D	D	-	A	-	-	-	-	-	-	-	-	-	-	-
IDOFORM CHI3	-	-	-	A	-	-	A	B	A	B	-	-	A	-	-	-	-	-
ISOCTANE C8H18	B	B	A	D	A	A	A	-	-	-	-	A	-	-	-	-	-	-
ISOTANE	-	-	A	-	A	-	A	A	-	-	-	D	-	-	-	-	-	-
ISOPHORONE C9H14O	B	D	D	C	D	-	A	A	B	A	-	-	-	-	-	-	-	-
ISOPROPYL ACETATE CH3COOCH(CH3)2	A	D	D	B	D	-	A	C	-	B	-	-	-	-	-	-	-	-
ISOPROPYL CHLORIDE (CH3)2CHCl	D	D	D	D	B	-	A	D	A	A	-	D	-	-	-	-	-	-
ISOPROPYL ETHER (CH3)2CHOCH(CH3)2	B	D	B	D	D	-	A	A	-	A	-	D	-	-	-	-	-	-
JET FUEL (JP3,JP4,JP5)	C	D	B	D	A	A	A	A	A	A	-	D	A	.75 to .8	30 to 50@20 C	2 to 7@38 C	-	-
KEROSENE	C	B	A	D	A	B	A	A	A	A	-	D	A	.78 to .82	35@68 F	2@38 C	-	-
KETONES	-	D	D	B	D	B	A	B	-	A	-	D	A/70	-	-	-	-	-
LACQUERS	D	D	D	D	D	-	A	A	C	A	-	C	D	0.95	-	+/-2@38 C	-	-
LACQUER SOLVENTS	D	D	D	D	D	-	A	A	B	A	-	C	D	-	-	-	-	-
LACTIC ACID CH3CHOHCOOH	-	C	B	B	A	B	A	C	-	A	-	A	A/70	1.2	200@25 C	-	-	-
LARD	A	B	A	C	A	A	A	A	A	A	-	A	A	0.96	110 to 600	-	-	-
LATEX	-	B	A	-	A	-	A	A	-	A	-	-	-	-	-	-	-	Run pump at low speed.
LAVENDER OIL	-	C	B	C	B	-	A	-	-	-	-	-	-	-	-	-	-	-
LEAD ACETATE PB(CH3CO2)2	-	B	B	A	D	-	A	D	-	B	-	A	A	3.25	-	-	-	-
LEAD SULFAMATE	-	A	B	A	A	-	A	-	-	-	-	A	-	-	-	-	-	-
LIGROIN	-	B	A	D	A	-	A	-	-	A	-	D	-	-	-	-	-	-
LIME CaO	-	B	A	A	A	-	A	C	A	A	-	-	-	-	-	-	-	-
LIME BLEACH	-	B	A	A	A	-	A	D	-	A	-	B	-	-	-	-	-	-
LIME SULFUR CaS+CaSO4	-	A	D	C	A	-	A	-	-	A	-	A	-	-	-	-	-	-
LINDOL	C	C	D	A	B	-	A	-	-	-	-	-	-	-	-	-	-	-
LINOLEIC ACID C10H32O2	-	D	B	D	A	-	A	A	D	A	-	A/70	A	-	-	-	-	-
LIQUIFIED PETROLEUM GAS	A	B	A	D	A	-	A	-	-	-	-	D	-	-	-	-	-	-
LITHIUM CHLORIDE BRINE LiCl H2O	-	-	A	-	A	-	A	D	D	D	A	-	-	2.06	50@20 C	+/-1@38 C	-	-
LITHIUM CHROMATE BRINE Li2CRO4H2O	-	-	A	-	A	-	A	D	D	D	A	-	-	-	-	-	-	-
LUBRICANTS	B	B	A	D	A	-	A	A	-	A	-	B	A	-	-	-	-	-
LUBRICATING OILS (PETROLEUM)	B	B	A	D	A	A	A	A	A	A	-	B	A	-	-	-	-	-
LYE KOH,NaOH	C	B	C	B	B	-	A	-	-	A	-	A	A/150	-	-	-	-	-
MAGNESIUM CARBONATE MgCO3	-	A	A	C	-	-	A	D	-	A	B	A	A	-	-	-	-	-
MAGNESIUM CHLORIDE MgCl2O	A	A	A	A	A	C	A	D	D	D	A	A	A	1.56	-	-	-	-
MAGNESIUM HYDROXIDE Mg(OH)2	A	B	B	A	A	C	A	D	B	A	-	A	A	2.4	-	-	-	-
MAGNESIUM NITRATE Mg(NO3)2 6H2O	-	A	A	A	-	-	A	D	-	A	-	A	A	-	-	-	-	-
MAGNESIUM OXIDE MgO	-	A	A	-	-	-	A	-	-	A	-	-	-	-	-	-	-	-
MAGNESIUM SULFATE MgSO4 7H2O	-	A	A	A	A	-	A	D	C	A	B	B	A	1.68	50@20 C	+/-1@38 C	-	-
MALEIC ACID (CHCOOH)2	-	D	D	C	A	-	A	B	-	A	-	A	A	-	-	-	-	-
MALEIC ANHYDRIDE C4H2O3	-	D	D	C	A	-	A	-	-	A	A	-	-	1.5	-	-	202 C	-
MALEIC ACID C4H6O5	-	C	B	D	A	-	A	B	D	A	-	B	A	1.6	-	-	-	-
MASH	-	A	A	-	-	-	A	-	-	-	-	-	-	-	-	+/-1@38 C	-	-
MAYONNAISE	-	-	A	-	A	A	A	D	D	A	-	A	-	-	25000 to 75000	-	-	-
MELAMINE	-	-	C	-	-	-	A	-	-	D	-	-	-	-	-	-	-	-
MERCURIC CHLORIDE (DILUTE SOLU) HgCl2	-	A	A	A	A	B	A	D	D	D	B	A	A	5.4	-	+/-1@38 C	-	SS to be used only with caution.
MERCURIC CYANIDE Hg(CN)2	-	A	A	A	-	-	A	D	-	A	-	A	A	-	-	-	-	-
MERCURY Hg	A	A	A	A	A	A	A	C	A	A	-	A	A	13.6	35@20 C	-	356.73 C	-
MESITYL OXIDE (CH3)2C=CHCOCH3	-	D	D	B	D	-	A	A	A	A	-	-	-	-	-	-	-	-
METHANE CH4	B	B	A	D	A	-	A	A	-	A	-	B	A	-	-	-	-	-

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
METHANOL (SEE ALCOHOL METHYL) CH3OH	D	A	A	B	C	-	A	B	-	A	-	A/120	A	-	-	-	-	
METHYL ACETATE CH3CO2CH3	-	B	D	A	D	-	A	A	-	A	-	C	-	0.93	30@20 C	-	57.3 C	
METHYL ACRYLATE CH2CHCO2CH3	-	B	D	B	D	-	A	-	-	-	-	-	-	0.97	-	3@38 C	80.3 C	
METHYL ACETONE	-	D	D	-	-	-	A	A	-	A	-	D	-	-	-	-	-	
METHYL BROMIDE CH3BR	-	D	B	A	A	-	A	D	-	-	-	D	A	-	-	-	-	
METHYL BUTYL KETONE CH3COC4H9	-	D	D	B	D	-	A	A	-	A	-	D	-	-	-	-	-	
METHYL CELLOSOLVE CH3OCH2CH2OH	-	D	D	B	D	-	A	A	-	-	-	B	A	-	-	-	-	
METHYL CHLORIDE CH3Cl	-	D	D	C	A	-	A	D	-	A	-	D	A	0.92	30@20 C	-	-24 C	Provide adequate inlet head.
METHYL CYCLOPENTANE C6H12	-	C	B	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
METHYL DICHLORIDE CH2Cl2	-	D	D	-	A	-	A	D	-	-	-	D	-	-	-	-	-	
METHYL ETHYL KETONE CH3CO CH2CH3	D	D	D	A	D	B	A	A	-	A	-	C	D	0.8	30@20 C	4@38 C	79.6 C	
METHYL FORMATE HCOOCH3	-	B	D	A	D	-	A	A	B	B	-	-	-	0.97	30@20 C	-	31.8 C	
METHYL ISOBUTYL KETONE	-	D	D	B	D	-	A	-	-	A	-	B	D	0.8	30@20 C	1@38 C	-	
METHYL ISOPROPYL KETONE	-	D	D	C	D	-	A	-	-	A	-	C	-	0.8	30@20 C	-	95 C	
METHYL METHACRYLATE CH2C(CH3)CO2CH	-	D	D	C	D	-	A	-	-	-	-	A	B	0.9	-	+/-2@38 C	-	
METHYL OLEATE C19H36O2	-	D	D	C	B	-	A	-	-	-	-	-	-	0.87	-	-	191 C	
METHYL SALICYLATE HOC6H4COOCH3	-	D	D	C	B	-	A	A	A	-	-	B	B	1.18	-	-	222.9 C	
METHYLACRYLIC ACID CH3CHCHCO2H	-	B	-	B	B	-	A	-	-	-	-	-	-	-	-	-	-	
METHYLAMINE CH3NH2	-	-	B	A	-	-	A	-	-	A	-	-	-	-	-	-	-	
METHYLENE CHLORIDE CH2Cl2	D	D	D	C	B	D	A	D	B	A	A	D	D	1.34	30@20 C	14@38 C	40.2 C	
MILK	-	A	A	A	A	-	A	A	D	A	-	A	A	-	-	-	-	
MOLASSES	D	A	A	A	A	-	A	A	A	A	-	A	A	1.4 to 1.5	1000 to 5000000	+/-1@38 C	-	Check viscosity.
MONOCHLOROBENZENE C6H5Cl	-	D	D	D	A	-	A	D	A	A	-	D	A/150	-	-	-	-	
MONOMETHYL ANILINE C6H5NHCH3	-	D	D	D	C	-	A	-	-	-	-	C	-	-	-	-	-	
MONOETHANOLAMINE NJ2C2H4OH	C	C	B	B	C	-	A	B	A	A	-	D	D	1.02	-	-	-	
MONOMETHYLETHER	-	B	A	A	A	-	A	-	-	-	-	-	-	-	-	-	-	
MONOVINYL ACETYLENE	-	B	A	A	A	-	A	-	-	-	-	-	-	-	-	-	-	
MUSTARD	-	C	B	-	A	-	A	B	C	A	-	A	-	-	10000 to 30000	-	-	
MUSTARD GAS	-	A	-	A	A	-	A	-	-	-	-	-	-	-	-	-	-	
NAPHTHA	C	D	B	D	A	A	A	A	B	A	B	C	A	0.85	30@20 C	3@38 C	-	
NAPHTHALENE C10H8	B	D	D	D	A	B	A	B	B	B	-	A/70	A	1.15	30@100 C	-	218 C	Jacketing & temp. control important.
NAPHTHENIC ACID	-	-	B	D	A	-	A	B	B	A	A	-	-	-	-	-	-	
NATURAL GAS	B	A	A	C	A	-	A	A	A	A	-	A	-	-	-	-	-	
NEATSFOOT OIL	-	-	A	B	A	-	A	A	A	A	-	-	-	0.917	230@100 F	-	-	
NEVILLE ACID	-	C	C	B	A	-	A	-	-	-	-	-	-	-	-	-	-	
NICKEL ACETATE Ni(CH3CO2)2	-	B	B	A	D	-	A	D	-	-	-	-	-	1.8	-	-	-	
NICKEL CHLORIDE NiCl2	-	A	A	A	A	-	A	D	D	A	-	A	A	3.5	-	-	-	
NICKEL SULFATE NiSO4	A	A	A	A	A	-	A	D	D	A	B	A	A	2.07	-	-	-	
NITER CAKE	-	A	A	A	A	-	A	-	-	-	-	-	-	-	-	-	-	
NITRIC ACID (5-10% SOLUTION) HNO3	C	D	D	B	A	B	A	D	D	A	A	A/120	A/120	-	-	-	-	
NITRIC ACID (20% SOLUTION) HNO3	C	D	D	B	A	D	A	D	D	A	A	B/70	A	-	-	-	-	
NITRIC ACID (50% SOLUTION) HNO3	C	D	D	D	A	D	A	D	D	A	A	B/70	A	-	-	-	-	
NITRIC ACID (CONCENTRATED SOL) HNO3	D	D	D	D	A	D	A	D	D	B	B	D	D	1.5	50@20 C	2@38 C	86 C	
NITRIC ACID-RED FUMING HNO3	D	D	D	B	-	A	D	D	-	-	-	D	D	-	-	-	-	
NITROBENZENE C6H5NO2	-	D	D	C	B	D	A	C	-	B	B	A	A/70	1.2	30@20 C	-	210.9 C	
NITROBENZINE	-	D	-	C	A	-	A	-	-	-	-	-	-	-	-	-	-	
NITRO ETHANE C2H5NO2	-	C	D	B	C	-	A	A	A	-	-	C	-	1.05	30@20 C	1@38 C	114.8 C	
NITROMETHANE CH3NO2	-	C	D	A	C	-	A	A	A	-	-	C	A/120	1.13	30@20 C	2@38 C	101.3 C	
NITROGENE (GAS) N2	A	A	A	A	A	-	A	A	A	A	A	A	A	-	-	-	-	
NITROGEN TETROXIDE N2O4	-	D	D	C	C	-	A	D	D	-	-	D	C	1.45	-	-	-	21.15 C
OCTADECANE CH3(CH2)16CH3	A	B	A	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
N-OCTANE C8H18	-	-	A	D	A	-	A	-	-	-	-	D	A	0.7	30@20 C	-	117.7 C	
OCTACHLOROTOLUENE C7Cl8	D	D	D	D	A	-	A	D	-	-	-	D	-	-	-	-	-	
- OILS -																		
ANILINE	C	D	D	B	A	-	A	C	A	A	B	A	A/70	-	-	-	-	
ANISE	-	D	-	-	-	-	A	-	-	A	-	-	-	-	-	-	-	
BAY	-	D	-	-	A	-	A	-	-	A	-	-	-	-	-	-	-	

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYTREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
BONE	-	D	A	-	A	-	A	-	-	A	-	-	-	0.918	220@130 F	-	-	
CASTOR	A	A	A	B	A	-	A	A	A	A	-	-	A	0.96	1200 to 1500@100 F	<-@38 C	-	
CINNAMON	-	D	-	-	-	-	A	-	-	A	-	-	-	-	-	-	-	
CITRIC	-	D	A	B	A	-	A	-	D	A	-	A	-	-	-	-	-	
CLOVE	-	-	A	-	-	-	A	-	-	A	-	B	-	-	-	-	-	
COCONUT	A	A	A	A	A	-	A	B	A	A	-	A	A	0.925	140 to 148@100 F	-	-	
COD LIVER	A	B	A	A	A	-	A	B	-	A	-	A	-	0.928	150@100 F	-	-	
CORN	A	D	A	A	A	-	A	B	A	A	-	A	A	0.924	135@100 F	-	-	
COTTON SEED	A	D	A	A	A	-	A	B	A	A	-	A	A	.88 to .925	176@100 F	-	-	
CRESOTE	-	B	A	D	A	-	A	A	-	A	-	D	A	-	-	-	-	
DIESEL FUEL	-	D	A	-	A	A	A	A	-	A	-	B/70	A	-	-	-	-	
FUEL	-	D	A	D	A	-	A	A	-	A	-	B/70	A	-	-	-	-	
GINGER	-	A	A	-	A	-	A	-	-	A	-	-	-	-	-	-	-	
HYDRAULIC	-	-	A	-	-	-	-	-	-	A	-	-	-	-	-	-	-	
LEMON	-	D	A	-	A	-	A	-	-	A	-	D	A	-	-	-	-	
LINSEED	B	D	A	B	A	-	A	A	A	A	-	A	A	0.95	50 to 50000	-	-	Thickens & solidifies in air.
MINERAL	A	B	A	D	A	-	A	A	A	A	-	B	A	.88 to .935	165 to 240@100 F	-	-	
OLIVE	A	B	A	A	A	-	A	A	A	A	-	A	-	.912 to .918	200@100 F	<1@38 C	-	
ORANGE	-	D	A	-	A	-	A	-	-	A	-	A	-	-	-	-	-	
PALM	-	D	A	-	A	-	A	A	-	A	-	-	-	0.924	221@100 F	-	-	
PEANUT	B	D	A	C	A	-	A	A	A	A	-	D	-	0.92	195@100 F	-	-	
PEPPERMINT	-	D	A	-	A	-	A	-	-	A	-	D	-	-	-	-	-	
PINE	-	D	A	D	A	-	A	A	C	A	-	-	-	0.93	wide range	-	-	
RAPE SEED	B	D	A	A	A	-	A	-	-	A	-	-	-	0.91	250@100 F	<1	-	
ROSIN	-	-	A	-	A	-	A	A	-	A	-	A	-	1.09 avg	500 to 20000@200 F	-	-	
SESAME SEED	-	D	A	-	A	-	A	A	A	A	-	-	-	0.923	184@100 F	-	-	
SILICONE	A	A	A	A	A	-	A	-	A	A	-	A	-	-	-	-	-	
SOYBEAN	B	D	A	B	A	-	A	A	A	A	-	A	-	0.93	50 to 500	<1@38 C	-	
SPERM	-	D	A	-	A	-	A	-	-	A	-	-	-	0.883	110@100 F	-	-	
TANNING	-	D	A	-	A	-	A	-	-	A	-	-	-	-	-	-	-	
TURBINE	-	D	A	D	A	-	A	A	A	A	-	B/70	-	-	-	-	-	
OLEIC ACID C18H34O2	B	D	A	B	B	A	A	B	C	A	-	B	A	0.89	-	-	290 C	
OLEUM H2SO4/SO3	D	D	A	D	A	D	A	D	D	A	-	D	D	-	-	-	-	
OLEUM SPIRITS	C	D	C	C	A	D	A	D	D	B	-	D	D	-	-	-	-	
O-DICHLOROBENZENE C6H4Cl2	D	D	A	D	A	D	A	D	A	A	-	D	-	-	-	-	-	
OXALIC ACID (COLD) (COOH)2	-	B	A	A	A	-	A	C	D	A	B	A/70	A/120	1.9	-	-	-	
OXYGEN-COLD O2	A	A	A	B	A	-	A	A	A	A	-	C	A	-	-	-	-	
OXYGEN 200-400 F	D	D	A	D	B	-	A	A	A	A	-	D	A	-	-	-	-	
OZONE O3	A	B	D	A	A	-	A	-	-	-	-	D	A	-	-	-	-	
PAINT THINNER-DUCO	D	C	A	D	B	-	A	A	A	A	-	D	-	-	-	-	-	
PALMITIC ACID CH3(CH2)14COOH	A	B	A	B	A	A	A	C	C	A	-	A	A	0.85	-	-	271.5 C	
PARAFFIN	-	-	A	D	A	-	A	A	-	A	-	A	-	0.9	100@40 C	-	-	
PENTANE C5H12	-	B	A	D	A	-	A	A	-	C	B	-	-	0.62	30@20 C	20@38 C	27.9 C	
PERCHLORIC ACID HClO4	-	A	D	B	A	-	A	D	D	D	-	A	A/120	-	-	-	-	
PERSHLOROETHYLENE C2Cl4	D	D	C	D	A	D	A	D	B	A	-	D	A	-	-	-	-	
PETROLATUM	-	B	A	-	A	-	A	B	-	A	-	A	A	0.88	77 to 600	-	-	
PETROLEUM-BELOW 250	B	B	A	D	A	-	A	A	A	A	-	A/70	A/200	-	-	-	-	
PETROLEUM-ABOVE 250	D	D	C	D	B	-	A	A	A	A	-	-	-	-	-	-	-	
PHENOL (CARBOLIC ACID) C6H5OH	C	D	D	C	A	D	A	B	D	A	A	A	A/70	1.07	50@50 C	-	181.8 C	
PHENYLBENZENE C6H5	-	D	D	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
PHENYL ETHYL ETHER C6H5OC2H5	-	D	D	D	C	-	A	-	-	-	-	-	-	-	-	-	-	
PHENYL HYDRAZINE C6H5NHNH2	-	D	D	C	A	-	A	-	-	-	-	D	-	1.1	200@20 C	-	243.5 C	
PHORONE C9H14O	-	D	C	C	A	-	A	-	-	-	-	-	-	0.92	35@20 C	-	215 C	
PHOSPHORIC ACID-20% H3PO4	A	B	C	A	A	-	A	D	D	B	A	A/120	A	-	-	-	-	
PHOSPHORIC ACID (TO 40% SOLUTION)	A	D	D	B	A	-	A	D	D	A	A	A/120	A	-	-	-	-	
PHOSPHORIC ACID-45% H3PO4	A	B	D	B	A	-	A	D	D	B	-	A/120	A	-	-	-	-	
PHOSPHORIC ACID 40-100% SOLUTION	C	D	D	B	A	-	A	D	D	B	A	A/120	A	1.83	50@60 C	+/-1@38 C	-	

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYTREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
PHOSPHORIC ACID CRUDE H3PO4	-	D	D	C	A	-	A	D	D	C	A	A/120	A	-	-	-	-	
PHOSPHOROUS TRICHLORIDE ACID PCl3	-	D	D	A	A	-	A	D	B	A	-	D	A	1.57	-	-	75.9 C	
PHOTOGRAPHIC DEVELOPER	-	A	A	-	A	-	A	C	D	A	A	A	-	-	-	-	-	
PICKLING SOLUTION	C	C	-	C	B	D	A	-	-	-	A	-	-	-	-	-	-	
PICRIC ACID (NO2)3C6H2OH	B	B	B	B	A	-	A	D	D	D	D	B/70	A/70	-	-	-	-	
PINENE C10H16	B	D	B	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
PIPERIDINE C5H11N	-	D	D	D	C	-	A	-	-	-	-	-	-	-	-	-	-	
- PLATING SOLUTIONS -																		
ANTIMONY	-	A	A	-	A	-	A	D	-	A	-	A	A/70	-	-	-	-	
ARSENIC	-	A	A	-	A	-	A	C	-	A	-	A	-	-	-	-	-	
BRASS	-	-	A	-	A	-	A	C	-	A	-	A	A	-	-	-	-	
BRONZE	-	A	A	-	A	-	A	C	-	A	-	A	-	-	-	-	-	
CADMIUM	-	A	A	-	A	-	A	C	-	-	-	A	A	-	-	-	-	
CHROME	-	D	D	A	A	-	A	C	-	A	-	A	A	-	-	-	-	
COPPER	-	-	A	-	A	-	A	C	-	-	-	A	A	-	-	-	-	
GOLD	-	A	A	-	A	-	A	C	-	A	-	A	A	-	-	-	-	
INDIUM	-	-	A	-	A	-	A	C	-	A	-	A	-	-	-	-	-	
IRON	-	A	A	-	A	-	A	C	-	A	-	A	A	-	-	-	-	
LEAD	-	A	A	-	A	-	A	C	-	-	-	B/70	A	-	-	-	-	
NICKEL	-	-	A	-	A	-	A	C	-	-	-	A	A	-	-	-	-	
SILVER	-	A	A	-	A	-	A	C	-	A	-	A	A	-	-	-	-	
TIN	-	A	A	-	A	-	A	C	-	A	-	A	A	-	-	-	-	
ZINC	-	A	A	-	A	-	A	C	-	A	-	A	A	-	-	-	-	
POLYVINYL ACETATE EMULSION PVAC+H2O	-	B	-	A	-	-	A	-	B	-	-	A	A	-	1500 to 25000	-	-	Keep flooded & flush due to shear sens.
POTASH K2CO3	B	B	A	B	A	-	A	C	B	A	B	A	-	-	-	-	-	
POTASSIUM ACETATE CH3CO2K	-	B	B	A	B	-	A	D	A	B	-	A	A	1.8	-	-	-	
POTASSIUM BICARBONATE KHCO3	-	A	A	-	A	-	A	C	-	B	-	A	A	-	-	-	-	
POTASSIUM BROMIDE KBR	-	A	A	A	A	-	A	C	-	A	A	-	A	-	-	-	-	
POTASSIUM CARBONATE K2CO3	-	B	A	A	A	-	A	C	B	A	B	A	A	2.13	-	-	+/-1 @38 C	
POTASSIUM CHLORATE K2ClO3	-	A	A	A	A	-	A	B	-	A	-	A	A	2.32	-	-	-	
POTASSIUM CHLORIDE KCl	A	A	A	A	A	-	A	B	B	C	B	A	A	1.99	-	-	+/-1 @38 C	
POTASSIUM CHROMATE K2CRO4	-	A	A	-	A	-	A	A	A	B	A	A	A	-	-	-	-	
POTASSIUM CUPRO CYANIDE K3 [CU(CN)4]	A	A	A	A	A	-	A	-	-	-	-	B	A	-	-	-	-	
POTASSIUM CYANIDE SOLUTIONS KCN	A	A	A	A	A	-	A	D	B	A	-	A	A	1.52	-	-	+/-1 @38 C	
POTASSIUM DICHROMATE K2CR2O7	A	A	A	A	A	C	A	A	B	A	B	-	A	2.68	-	-	+/-1 @38 C	
POTASSIUM HYDROXIDE KOH	B	B	B	B	D	A	A	D	C	A	B	B	A/150	2.04	-	-	+/-1 @38 C	
POTASSIUM NITRATE KNO3	A	A	A	A	A	-	A	B	-	A	B	A	A	2.11	-	-	+/-1 @38 C	
POTASSIUM PERMANGANATE KMNO4	-	A	A	A	A	-	A	B	B	B	A	B	A	-	-	-	-	
POTASSIUM SULFATE K2SO4	A	A	A	A	A	-	A	A	B	B	B	A	A	2.66	50@20 C	-	+/-1 @38 C	
PRODUCER GAS	A	B	A	C	A	-	A	-	-	-	-	-	-	-	-	-	-	
PROPANE (LIQUIFIED)(LPG) C3H8	B	B	A	D	A	-	A	A	A	A	-	B	A	0.58	30	225@38 C	-42.1 C	
PROPYL ACETATE CH3COO(CH2)2CH3	-	D	D	C	D	-	A	-	-	-	-	C	A/70	0.87	30	2	88.4 C	(ISO)
PROPYL NITRATE CH3(CH2)2NO3	-	-	-	B	C	-	A	A	-	-	-	-	-	-	-	-	-	
PROPYLENE C3H6	-	D	D	D	A	-	A	A	A	A	-	-	-	0.61	30	227	-47.7 C	
PROPYLENE GLYCOL C3H6(OH)2	-	C	A	A	A	-	A	A	A	A	-	A	A	1.04	300	<1	188 C	
PROPYLENE OXIDE C3H6O	-	D	-	B	-	-	A	B	A	A	-	C	D	0.89	30	18	-	
PYRANOL	B	D	A	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
PYDRALUS	D	D	D	B	A	A	A	-	-	-	-	-	-	-	-	-	-	
PYRIDINE N(CH)4CH	-	D	D	B	D	D	A	B	-	B	A	C	D	0.98	50	<1	115.5 C	
PYROGALLIC ACID	-	-	-	-	A	-	A	-	-	A	B	-	-	-	-	-	-	
PYROLIGNEOUS ACID	-	C	C	B	A	-	A	D	C	B	-	-	-	-	-	-	-	
PYRROLE C4H5N	-	D	D	C	C	-	A	-	-	-	-	-	-	-	-	-	-	
RADIATION	A	B	B	C	B	-	A	-	-	-	-	-	-	-	-	-	-	
RED OIL	B	C	A	B	A	-	A	-	-	-	-	-	-	-	-	-	-	
ROSINS C20H30O2	-	-	A	-	-	-	A	A	-	A	-	A	-	1	500 to 100000	-	-	
RUM	D	-	A	A	A	-	A	-	-	A	-	A	-	-	30@20 C	-	-	
RUST INHIBITORS	-	C	A	-	A	-	A	-	-	A	-	A	-	-	-	-	-	

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYTREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
SALAD DRESSING	-	-	A	-	A	-	A	B	D	A	-	A	-	-	-	-	-	
SAL AMMONIAC NH4Cl	A	A	A	A	A	-	A	D	D	A	-	-	-	-	-	-	-	
SALT WATER NaCl/H2O	A	B	B	A	A	-	A	B	D	A	A	A	A	-	-	-	-	
SEA WATER	A	B	A	A	A	A	A	A	-	A	A	A	A	-	-	-	-	
SEWAGE	D	A	A	B	A	-	A	B	B	A	-	A	A	-	-	-	-	
SHELLAC (BLEACHED)	-	-	A	-	-	-	A	A	-	A	-	A	-	-	150 to 12000	+/-1@38 C	-	Check solvent type.
SHELLAC (ORANGE)	-	-	A	-	-	-	A	A	-	A	-	A	-	-	-	-	-	Check solvent type.
SILICATE ESTERS Si(OR)4	A	B	A	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
SILICONE [(CH3)2SiO2]n	-	A	A	-	A	-	A	B	-	A	-	A	-	-	15 to 800000	-	-	
SILICONE GREASES	A	A	A	A	A	A	A	B	B	A	A	A	A	-	-	-	-	
SILVER BROMIDE	-	-	-	-	-	-	A	D	-	B	A	-	-	-	-	-	-	
SILVER NITRATE AGNO3	A	A	C	A	A	-	A	D	D	A	-	A	A	4.3	-	-	-	
SKYDROL 500	D	D	D	A	C	A	A	-	-	-	-	-	-	-	-	-	-	Aircraft hydraulic fluid.
SKYDROL 7000	D	D	D	C	B	-	A	-	-	-	-	-	-	-	-	-	-	Aircraft hydraulic fluid.
SOAP SOLUTIONS	A	B	A	A	A	A	A	C	B	A	-	A	A	-	200 to 200000	-	-	Check viscosity.
SODA ASH (SODIUM CARBONATE)	-	A	A	A	A	-	A	D	A	A	A	-	-	-	-	-	-	
SODIUM ACETATE CH3COONA	D	B	B	A	D	-	A	B	-	A	-	A	A	1.52	-	-	-	
SODIUM ALUMINATE Na2A12O4	-	A	A	-	A	-	A	C	-	A	-	A	A	-	-	-	-	
SODIUM BICARBONATE (BAKING SODA)	-	A	A	A	A	-	A	A	C	A	B	A	A	2.2	50	-	-	
SODIUM BISULFATE NaHSO3	-	A	A	A	A	-	A	D	-	A	B	A	A	-	-	-	-	
SODIUM BISULFITE NaHSO3	-	B	B	B	B	-	A	A	D	A	A	A	A	-	-	-	-	
SODIUM BORATE Na2B4O7	-	A	A	A	A	-	A	C	B	B	-	A/140	A	-	-	-	-	
SODIUM CARBONATE	-	A	A	A	A	-	A	C	B	A	-	A	A	2.53	-	-	-	
SODIUM CHLORATE NaClO3	-	A	A	A	A	-	A	B	-	A	A	A	A	2.49	-	-	-	
SODIUM CHLORIDE (SALT) NaCl	A	A	A	A	A	A	A	B	B	A	A	A	A	2.16	-	-	-	
SODIUM CHROMATE Na2CRO4	-	A	A	-	A	-	A	D	B	-	-	A	A	-	-	-	-	
SODIUM CYANIDE NaCN	-	A	A	A	A	-	A	D	B	A	-	A	A	-	-	-	-	
SODIUM HYDROXIDE (20%) NaOH	-	B	A	A	A	A	A	D	B	A	-	A	A	-	-	-	-	Cl can be used in 0-50% conc (cold).
SODIUM HYDROXIDE (50% SOLUTION) NaOH	-	C	D	A	A	B	A	D	C	B	A	A	C	2.13	-	+/-1@38 C	-	Cl can be used in 0-50% conc (cold).
SODIUM HYDROXIDE (80% SOLUTION) NaOH	-	C	D	A	B	-	A	D	C	D	B	A	C	-	-	-	-	
SODIUM HYPOCHLORITE (TO 20%) NaClO	-	D	C	A	A	A	A	D	D	C	A	B	A	1.69	-	+/-1@38 C	-	
SODIUM METAPHOSPHATE Na(PO3)H	-	B	A	A	A	-	A	A	-	A	-	D	-	-	500 to 25000	-	-	
SODIUM METASILICATE Na2SIO3	-	A	A	-	A	-	A	B	-	A	A	-	-	-	-	-	-	
SODIUM NITRATE NaNO3	-	B	C	A	A	-	A	A	A	A	-	A	A	2.26	-	-	-	
SODIUM PERBORATE NaBO3	-	B	B	A	A	-	A	B	-	C	-	A	A	-	-	-	-	
SODIUM PEROXIDE Na2O2	D	B	C	B	A	-	A	D	D	A	B	B/120	A	2.8	-	-	-	
SODIUM PHOSPHATE Na3PO4	A	B	B	A	A	-	A	D	B	B	-	A	A	1.9	-	+/-1@38 C	-	Monobasic
SODIUM POLYPHOSPHATE (MONO,DI,TRIBAS)	-	D	A	-	A	-	A	D	-	A	-	A	A	-	-	-	-	
SODIUM SILICATE Na2O SIO2	-	A	A	A	A	-	A	C	-	A	-	A	A	1.7	extreme range	-	-	
SODIUM SULPHATE Na2SO4	A	A	A	A	A	-	A	B	A	A	-	A	A	2.69	-	+/-1@38 C	-	
SODIUM SULFIDE NaS 5H2O	A	A	A	A	A	-	A	D	A	A	B	A	A	1.86	-	+/-1@38 C	-	
SODIUM TETRABORATE Na2B4O710H2O	-	-	A	A	A	-	A	-	-	A	-	-	-	17.3	-	-	-	
SODIUM THIOSULFATE (HYPO) Na2S2O3	A	A	B	A	A	-	A	B	C	A	-	A	A	1.69	-	+/-1@38 C	-	
SORGHUM	-	A	A	-	A	-	A	-	A	A	-	-	-	-	-	-	-	
SOY SAUCE	B	A	A	B	A	-	A	A	D	A	-	-	-	-	-	-	-	
STANNIC CHLORIDE SnCl4	B	D	A	B	A	C	A	D	D	D	-	A	A	2.2	-	-	114.1 C	
STANNIC FLUOBORATE	-	A	A	A	A	-	A	D	D	-	-	-	-	-	-	-	-	
STARCH C6H10O5	A	A	A	A	A	-	A	A	C	A	-	-	-	-	130 to 1400	+/-1@38 C	-	Wide viscosity range. Raw starch
STEAM TO 225 F	C	C	C	A	D	B	A	A	A	A	-	-	-	-	-	-	-	
STEAM TO 225-300 F	D	D	D	A	D	B	A	A	A	A	-	-	-	-	-	-	-	
STEARIC ACID CH3(CH2)16CO2H	A	B	C	B	A	C	A	B	-	A	A	A	A	0.85	1200@100 C	-	291 C	
STODDARD SOLVENT	A	B	B	D	A	-	A	-	A	A	-	B/120	A	0.78	30@20 C	3@38 C	-	
STYRENE C6H5CHCH2	C	D	D	D	B	D	A	-	A	-	-	-	-	0.91	30@20 C	.02@20 C	145.2 C	
SUCROSE SOLUTION C12H22O11/H2O	D	A	A	A	A	-	A	-	B	-	A	-	-	1.29	230@70 F	-	-	
SUGAR (LIQUIDS)	-	B	A	-	A	-	A	A	-	A	A	A	-	1.59	90 to 10000	-	-	Beet or cane, aqueous.
SULFATE LIQUORS	-	C	-	-	-	-	A	B	-	C	A	A	-	-	-	-	-	
SULFITE LIQUORS	-	A	A	B	A	-	A	D	D	B	-	-	-	-	-	-	-	

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYTREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
SULFUR S	B	B	B	A	A	C	A	D	B	A	-	A	A	2	wide range	-	444.6 C	
SULFUR CHLORIDE S2Cl2	-	D	D	D	A	C	A	D	D	D	-	C	A/70	-	-	-	-	
SULFUR DIOXIDE SO2	-	B	D	A	D	-	A	D	D	A	B	A/70	A	1.43	-	-	-10 C	
SULFUR HEXAFLUORIDE SF6	-	B	B	A	A	-	A	D	D	-	-	-	-	1.79	-	-	-63.5 C	
SULFUR TRIOXIDE SO3	B	C	C	C	A	-	A	D	D	B	-	-	-	-	-	-	-	
SULFUR TRIOXIDE (DRY)	B	D	D	C	A	-	A	A	-	C	-	D	D	-	-	-	-	
SULFURIC ACID (DILUTE) H2SO4	-	B	D	-	A	-	A	D	D	B	-	A	A	-	-	-	-	
SULFURIC ACID (TO 10%) H2SO4	B	D	C	A	A	A	A	D	D	B	A	A	A	-	-	-	-	
SULFURIC ACID (10-75%) H2SO4	D	D	D	C	A	B	A	D	D	B	B	A	A/150	-	-	-	-	
SULFURIC ACID (CONCENTRATED) H2SO4	-	D	D	C	A	C	A	D	D	B	-	B/70	A/120	1.83	75.7@68 F	+/-1@38 C	-	
SULFURIC ACID (20% OLEUM) H2SO4	D	D	D	D	B	-	A	D	D	-	-	D	-	1.83	100@20 C	-	-	
SULFUROUS ACID H2SO3	-	B	C	-	A	-	A	D	D	B	B	A	A	-	-	-	-	
SYRUP	-	B	A	-	A	A	A	A	-	A	-	A	-	-	-	-	-	
TALLOW	A	-	A	A	A	A	A	A	-	A	-	B/70	-	0.9	30 to 215	<1@38 C	-	
TANNIC ACID H76H52O46	A	B	A	C	A	A	A	C	-	A	-	A	A	-	-	+/-1@38 C	-	
TANNING LIQUORS	-	-	C	-	A	-	A	C	-	A	A	A	-	-	-	-	-	
TAR, BITUMINOUS	-	C	B	D	A	-	A	-	B	B	-	-	-	1.18	50000@20 C	-	-	Very abrasive.
TARTARIC ACID C4H6O6	A	B	A	B	A	C	-	A	C	B	A	A	A	1.74	-	-	-	
TERPINEOL C10H18O	B	D	C	B	A	-	A	A	A	A	-	B	B/120	0.94	-	-	-	
TERTIARY BUTYL ALCOHOL (CH3)3COH	D	A	A	A	B	-	A	-	-	-	-	D	-	-	-	-	-	
TERTIARY BUTYL CATECHOL C9H14O2	D	B	D	B	A	-	A	C	B	B	-	-	-	-	-	-	-	
TERTIARY BUTYL MERCAPTAN C4H10S	D	D	D	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
TERA BROMOMETHANE CBr4	-	D	D	D	A	-	A	D	-	-	-	D	-	-	-	-	-	
TETRABUTYL TITANATE Ti(C4H9)4	-	A	B	B	A	-	A	-	-	-	-	-	-	-	-	-	-	
TETRACHLOROETHYLENE Cl2C=CCl2	B	D	D	D	A	-	A	D	A	A	-	D	-	1.63	30@20 C	1@38 C	121.2 C	
TETRACHLOROETHANE	-	-	D	D	A	-	A	D	-	A	-	D	-	1.6	-	-	146.2 C	
TETRAETHYL LEAD PB(C2H5)4	-	D	B	D	A	-	A	-	-	-	-	A/70	A	-	-	-	-	
TETRAHYDROFURAN C4H8O	C	D	D	C	B	B	A	-	-	A	-	C	B/70	0.89	-	-	66 C	
TETRALIN C10H12	-	D	D	D	A	-	A	A	A	A	-	D	-	-	-	-	-	
THIONYL CHLORIDE SOCl2	-	D	D	D	A	-	A	D	D	-	-	D	D	-	-	-	-	
TITANIUM TETRACHLORIDE TiCl4	-	D	C	D	A	-	A	D	A	B	-	D	A	1.73	low	-	136.4 C	
TOLUENE C7H8	C	D	C	D	A	B	A	A	A	A	-	D	A	0.87	30@20 C	1@38 C	110.6 C	Dangerous, irritant & can be abrasive.
TOLUENE DISOCYANATE CH3C6H3(NCO)2	-	D	-	A	-	-	A	-	-	-	-	-	-	-	35 to 750	-	250 C	
TOLUENE, TOLUOL	C	D	D	D	A	B	A	A	A	A	-	D	A	-	-	-	-	
TOMATO JUICE	-	A	A	-	-	A	A	A	-	A	-	A	A	-	100@20 C	+/-1@38 C	-	
TRANSFORMER OIL	D	C	B	D	A	-	A	A	A	A	-	B/70	-	-	-	-	-	
TRANSMISSION FLUID TYPE A	D	C	A	D	A	-	A	A	A	A	-	-	-	-	-	-	-	
TRIACETIN C3H5(OCOCH3)3	D	A	A	A	C	-	A	B	-	-	-	-	-	-	-	-	-	
TRIBUTOXY ETHYL PHOSPHATE	D	D	D	A	B	-	A	-	-	-	-	-	-	-	-	-	-	
TRIBUTYL PHOSPHATE (C4H9)3PO4	D	D	D	C	D	-	A	-	A	-	-	A/70	A/70	0.98	-	-	289 C	
TRIBUTYL MERCAPTAN	-	D	D	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
TRICHLOROACETIC ACID CCl3COOH	-	B	C	B	B	-	A	D	D	D	B	B/70	A/70	-	-	-	-	
TRICHLORETHANE C2H3Cl3	D	D	D	D	A	-	A	D	-	A	-	D	A/120	1.35	30@20 C	4@38 C	74 C	(1, 1, 1)
TRICHLOROETHYLENE C2HCl3	D	D	D	D	A	D	A	D	C	A	-	D	A	1.47	30@20 C	-	-	
TRICHLOROPROPANE CH2ClCHClCH2Cl	-	A	A	-	A	-	A	D	-	A	-	D	-	-	-	-	-	
TRICRESYLPHOSPHATE (CH3C6H4O)3PO	C	D	D	A	B	-	A	-	-	A	A	B/70	-	-	-	-	-	
TRIETHYLAMINE (CH3CH2)3N	-	B	A	-	A	-	A	-	-	-	-	C	A/120	-	-	-	-	
TRIETHANOL AMINE	D	B	B	B	B	D	A	A	A	A	-	A/70	A/70	-	-	-	-	
TRIETHYL ALUMINUM A1(C2H5)3	-	D	D	-	B	-	A	-	-	-	-	-	-	-	-	-	-	
TRIETHYL BORANE (C2H5)3B	-	D	D	-	A	-	A	-	-	-	-	-	-	-	-	-	-	
TRINITROTOLUENE (TNT) CH3C6H2(NO2)3	-	A	D	D	C	-	A	-	-	-	-	-	-	1.65	-	-	expl. 280 C	
TRIOCTYL PHOSPHATE (C8H17O)3PO	-	D	D	A	B	-	A	-	-	-	-	-	-	-	-	-	-	
TRIARYL PHOSPHATE (C6H5O)3PO	B	C	D	A	A	-	A	-	-	-	-	-	-	-	-	-	-	
TUNG OIL	B	B	A	C	B	C	A	A	B	B	-	-	-	0.94	1200@20 C	-	-	Can gell and solidify.
TURPENTINE C10H16	D	D	A	D	A	-	A	A	B	A	-	D	A	0.87	30 to 55	+/-1@38 C	-	
UNLEADED GASOLINE	D	D	D	D	D	-	A	A	A	A	A	D	C	-	-	-	-	
UNSYMMETRICAL DIMETHYL HYDRAZINE	-	B	C	A	D	-	A	B	A	A	-	-	A/70	-	-	-	-	

	POLYURETHANE	NEOPRENE	BUNA N	NORDEL	VITON	FDA HYTREL	TEFLON	ALUMINUM	CAST IRON	STAINLESS STEEL	HASTELLOY	POLYPROPYLENE	KYNAR	S.G.	VISCOSITY	VAPOR PSI	BOIL. PT.	COMMENTS
URINE	-	D	A	-	A	-	A	B	B	A	-	A	A	-	-	-	-	
VEGETABLE JUICE	A	D	A	A	A	-	A	A	D	A	-	-	-	-	100@20 C	+/-1@38 C	-	
VEGETABLE OILS	A	B	A	A	A	-	A	A	B	A	-	A/120	A	.9 to 1.0	50 - 500	-	-	
VERSILUBE F44 & F50	-	C	A	A	A	-	A	-	-	-	-	-	-	-	-	-	-	
VINEGAR	B	B	C	A	A	-	A	D	C	A	-	A	A	1.01	30@20 C	-	-	
VARNISH	-	D	B	D	A	-	A	A	-	A	-	A	-	-	400 to 500000	+/-1@38 C	-	Polymerizes in light. Extremely flammable.
VINYL CHLORIDE CH2CHCl	-	D	D	C	A	-	A	D	-	-	A	D	A	0.91	-	85@38 C	-13.9 C	
WAGNER 21 B FLUID	-	A	C	A	D	-	A	-	-	-	-	-	-	-	-	-	-	
WATER, ACID MINE	A	B	A	A	A	-	A	D	D	A	-	A	A	-	-	-	-	
WATER, DISTILLED, LAB GRADE 7	A	B	A	A	A	-	A	B	D	A	-	A	A	-	-	-	-	
WATER, FRESH H2O	A	B	A	A	A	-	A	A	B	A	-	A	A	1	32@20 C	+/-1@38 C	-	
WATER SALT H2O/CaCl2	A	B	A	A	A	-	A	B	D	A	-	A	A	-	-	-	-	
WEED KILLERS	-	C	B	-	A	-	A	D	-	A	-	-	-	-	-	-	-	
WHEY	-	-	A	-	A	-	A	B	-	A	-	-	-	-	-	-	-	
WHISKEY AND WINE	D	A	A	A	A	-	A	D	D	A	-	A	A	.93 to .96	30@20 C	-	-	
WHITE LIQUOR (PULP MILL)	-	A	-	A	A	-	A	-	C	A	-	A	A	-	-	-	-	
WHITE PINE OIL	-	D	B	D	A	-	A	-	-	-	-	-	-	-	-	-	-	
WHITE OIL	-	B	A	D	A	-	A	-	-	A	A	-	-	-	-	-	-	
WHITE WATER (PAPER MILL)	-	A	-	-	A	-	A	-	-	A	-	A	-	-	-	-	-	
WOOD OIL	B	B	A	C	B	-	A	A	A	A	-	-	-	-	-	-	-	
XYLENE C6H4(CH3)2	C	D	D	D	A	D	A	A	A	A	A	D	A	0.86	30@20 C	3@38 C	138.4 C	
XYLIDENES (CH3)2C6H3NH2	-	D	D	-	C	-	A	B	B	-	-	-	-	0.98	-	-	215 C	
ZEOLITES	-	C	C	A	A	-	A	-	-	A	A	-	-	-	-	-	-	
ZINC ACETATE Zn(C2H3O2)2	-	C	C	A	C	-	A	-	-	A	-	-	-	1.73	-	-	-	
ZINC CHLORIDE ZnCl2	A	A	A	A	A	A	A	D	D	C	C	A	A	2.91	-	-	-	
ZINC HYDROSULPHITE ZnHSO3	-	A	A	-	-	-	A	D	D	A	-	-	A	-	-	-	-	
ZINC SULFATE ZnSO4	-	A	A	A	A	-	A	D	D	A	-	A	A	1.96	-	+/-1@38 C	-	