



EMEC Compatibility Table

Solenoid driven metering pumps are widely used to dose chemical fluids and it is important that the most suitable material in contact with fluid is selected for each application. This compatibility table serves as a useful help in this respect. All the information in this list are verified periodically and believed to be correct on the date of issuance. All the information in this list are based on manufacturer's data and our own experience but since the resistance of any material depends by several factors this list is supplied only as an initial guide, in no way EMEC makes warranties of any matter respect to the information provided in this list.

Resistance rating

Resistant	1
Fairly resistant	2
Not resistant	3
Not enough data known	-

Materials

Polyvinylidene fluoride	PVDF	Pump Heads, valves, fitting, tubing
Polypropylene	PP	Pump Heads, valves, fitting, level floater
PVC	PVC	Pump Heads
Stainless steel	SS 316	Pump Heads, valves
Polymethyl Metacrilate (Acrylic)	PMMA	Pump Heads
Hastelloy C-276	Hastelloy	Injection valve spring
Polytetrafluoroethylene	PTFE	Diaphragm
Fluorocarbon (Viton® B)	FPM	Sealings
Ethylene propylene	EPDM	Sealings
Nitrile	WAX	Sealings
Polyethylene	PE	Tubing

Chemical	Formula	PVDF	PP	PVC	SS 316	PMMA	Hastelloy	PTFE	FPM	EPDM	WAX	PE
Acetaldehyde	CH ₃ CHO	3	2	3	1	3	1	1	3	2	3	1
Acetamide	CH ₃ CONH ₂	1	1	1	1	1	-	1	2	1	2	1
Acetic Acid	CH ₃ COOH	1	1	2	2	3	1	1	3	1	3	1
Acetic Acid, Max 75%	CH ₃ COOH	1	1	1	1	1	1	1	3	1	3	1
Acetic Anhydride	(CH ₃ CO) ₂ O	3	3	3	1	3	1	1	3	2	3	3
Acetone (Dimethyl Ketone)	CH ₃ COCH ₃	2	1	3	1	3	1	1	3	1	3	1
Acetophenone	C ₆ H ₅ COCH ₃	1	1	-	1	3	1	1	3	1	3	1
Acetyl Chloride	CH ₃ COCl	2	3	1	1	3	1	1	1	3	3	3
Acetylacetone	CH ₃ COCH ₂ COCH ₃	3	1	3	1	3	-	1	3	1	3	1
Acrylonitrile	CH ₂ =CH-CN	2	1	3	1	1	1	1	3	3	3	1
Adipic Acid	HOOC(CH ₂) ₄ COOH	1	1	1	1	1	1	1	1	1	1	1
Allyl Alcohol	CH ₂ CHCH ₂ OH	1	1	2	1	3	1	1	2	1	2	1
Alcohol, Amyl	CH ₃ (CH ₂) ₃ CH ₂ OH	1	1	1	1	3	1	1	1	1	2	1
Alcohol, Benzyl	C ₆ H ₅ CH ₂ OH	1	1	3	1	3	1	1	1	3	-	1
Alcohol, Butyl	C ₄ H ₉ OH	1	1	2	1	3	1	1	1	2	3	1
Alcohol, Diacetone	C ₆ H ₁₂ O ₂	1	1	3	1	3	1	1	3	1	2	1
Alcohol, Ethyl	CH ₃ CH ₂ OH	1	1	3	1	3	1	1	3	1	3	1
Alcohol, Isopropyl	(CH ₃) ₂ CHOH	1	1	1	1	2	1	1	3	1	2	1
Alcohol, Methyl	CH ₃ OH	1	1	1	1	3	1	1	1	1	2	1
Aluminium Acetate	Al(CH ₃ COO) ₃	1	1	1	1	1	2	1	3	1	2	1
Aluminium Ammonium Sulfate	NH ₄ Al(SO ₄) ₂	1	1	1	1	1	1	1	1	1	1	1
Aluminium Bromide	AlBr ₃	1	1	1	-	1	1	1	1	1	1	1
Aluminium Chloride	AlCl ₃	1	1	1	1	1	1	1	1	1	1	1
Aluminium Fluoride	AlF ₃	1	1	1	3	1	2	1	1	1	1	1
Aluminium Hydroxide	Al(OH) ₃	1	1	1	1	1	1	1	1	1	2	1
Aluminium Nitrate	Al(NO ₃) ₃	1	1	1	1	1	1	1	1	1	1	1
Aluminium Phosphate	AlPO ₄	1	1	1	1	1	1	1	1	1	1	1
Aluminium Sulphate	Al ₂ (SO ₄) ₃	1	1	1	1	1	1	1	1	1	1	1
Alums		1	1	1	2	1	1	1	1	-	-	1
Amines	R-NH ₂	2	1	3	1	-	1	1	3	2	1	1
Ammonium Acetate	CH ₃ COONH ₄	1	1	2	1	1	1	1	3	1	1	1
Ammonium Bicarbonate	NH ₄ HCO ₃	1	1	1	1	1	1	1	3	1	3	1
Ammonium Carbonate	(NH ₄) ₂ CO ₃	1	1	1	1	2	1	1	1	1	1	1
Ammonium Chloride (Salmiac)	NH ₄ Cl	1	1	1	2	3	2	1	1	1	1	1
Ammonium Flouride	NH ₄ F	1	1	1	1	1	1	1	1	1	1	1
Ammonium Hydroxide (Liquid Ammonia)	NH ₄ OH	1	1	1	1	1	1	1	3	1	3	1
Ammonium Nitrate	NH ₄ NO ₃	1	1	1	1	1	1	1	1	1	1	1
Ammonium Oxalate	(COONH ₄) ₂ *H ₂ O	1	1	1	1	1	1	1	1	1	3	1
Ammonium Perchlorate	NH ₄ ClO ₄	1	1	1	1	1	1	1	1	1	3	1
Ammonium Peroxodisulphate	(NH ₄) ₂ S ₂ O ₈	1	1	1	3	1	2	1	1	1	-	1
Ammonium Phosphate	(NH ₄) ₃ PO ₄	1	1	1	3	1	1	1	1	1	1	1
Ammonium Sulphate	(NH ₄) ₂ SO ₄	1	1	1	3	1	1	1	1	1	1	1
Ammonium Sulphide	(NH ₄) ₂ S	1	1	1	-	1	-	1	2	1	1	1

Chemical	Formula	PVDF	PP	PVC	SS 316	PMMA	Hastelloy	PTFE	FPM	EPDM	WAX	PE
Amyl Acetate	CH ₃ (CH ₂) ₄ -OOCCH ₃	1	3	-	1	3	1	1	3	3	1	3
Amyl Alcohol (Pentanol)	C ₅ H ₁₁ OH	1	1	1	1	1	1	1	1	1	2	1
Aniline	C ₆ H ₅ NH ₂	1	2	3	1	3	1	1	2	2	3	2
Aniline Hydrochloride	C ₆ H ₅ NH ₂ ·HCl	1	1	1	3	-	1	1	2	2	2	1
Antimony Trichloride	SbCl ₃	1	1	1	3	1	-	1	1	1	1	1
Aqua Regia	3 HCl + HNO ₃	1	3	1	3	3	3	1	2	3	3	3
Aqua Ammonia		1	1	1	2	2	-	1	1	-	-	1
Arsenic Acid	H ₃ AsO ₄	1	1	1	3	1	1	1	1	1	1	1
Barium Carbonate	BaCO ₃	1	1	1	1	1	1	1	1	1	3	1
Barium Chloride	BaCl ₂	1	1	1	3	1	1	1	1	1	1	1
Barium Hydroxide	Ba(OH) ₂	1	1	1	1	1	1	1	1	1	1	1
Barium Nitrate	Ba(NO ₃) ₂	1	1	1	1	1	1	1	1	1	3	1
Barium Sulphate	BaSO ₄	1	1	1	1	1	1	1	1	1	1	1
Barium Sulphide	BaS	1	1	1	1	1	1	1	1	1	1	1
Beer		1	1	1	1	1	1	1	1	1	1	1
Beet Sugar Liquors		1	1	1	1	1	-	1	1	1	1	1
Benzaldehyde	C ₆ H ₅ CHO	1	1	3	1	3	1	1	3	1	3	3
Benzene	C ₆ H ₆	1	3	3	1	3	1	1	1	3	3	3
Benzene Sulphonic Acid	C ₆ H ₅ SO ₃ H	1	1	-	1	-	1	1	1	3	3	-
Benzoic Acid	C ₆ H ₅ COOH	1	1	2	2	1	2	1	1	1	1	1
Benzoyl Chloride	C ₆ H ₅ COCl	1	3	-	2	3	1	1	1	1	-	3
Benzyl Benzoate	C ₆ H ₅ COOC ₇ H ₇	3	1	3	1	3	1	1	1	3	3	1
Benzyl Chloride	C ₆ H ₅ CH ₂ Cl	1	3	3	2	3	1	1	1	3	3	3
Bismuth Carbonate		1	1	1	-	1	-	1	1	1	3	1
Bitter Salt (Magnesium Sulphate)		1	1	1	1	1	2	1	1	1	-	1
Black Liquor		1	1	1	2	1	-	1	1	1	2	1
Bleach 5.25% Active Chlorine		1	1	1	3	1	1	1	1	1	2	1
Blue Vitriol (Copper Sulphate)		1	1	1	1	1	1	1	1	1	1	1
Borax TM (Sodium Tetraborate)		1	1	1	2	1	1	1	1	1	-	1
Boric Acid	H ₃ BO ₃	1	1	1	2	1	1	1	1	1	1	1
Brine		1	1	2	2	1	1	1	1	1	1	1
Bromine	Br ₂	1	3	3	3	3	1	1	1	3	3	3
Bromine Water	Br ₂ + H ₂ O	1	3	2	3	3	-	1	1	3	3	3
Bromic Acid	HBrO ₃	1	1	1	-	-	-	1	3	1	3	1
Bromo Benzene	C ₆ H ₅ Br	1	3	-	1	-	1	1	1	3	3	3
Bromochloro Methane	CH ₂ BrCl	1	3	3	1	3	1	1	2	2	-	3
Bromochlorotrifluoro Ethane	HCClBrCF ₃	1	3	3	1	3	1	1	1	3	-	3
Butanediol	HOC ₄ H ₈ OH	1	1	1	1	-	1	1	3	1	1	1
Butanetriol	C ₄ H ₁₀ O ₃	1	1	1	1	1	1	1	3	1	-	1
Butanol (Buthil Alcohol)	C ₄ H ₉ OH	1	1	1	1	3	1	1	3	2	3	1
Butyl Acetate	CH ₃ COOC ₄ H ₉	1	3	3	1	3	1	1	3	2	3	3
Butyl Acrylate	C ₇ H ₁₃ O ₂	1	1	3	1	3	1	1	3	3	3	1
Butyl Amine	C ₄ H ₉ NH ₂	3	3	3	2	3	1	1	3	3	1	2

Chemical	Formula	PVDF	PP	PVC	SS 316	PMMA	Hastelloy	PTFE	FPM	EPDM	WAX	PE
Butyl Benzoate	$C_6H_5COOC_4H_9$	-	3	3	1	3	1	1	1	1	3	3
Butyl Bromide		1	3	3	2	3	-	1	-	-	-	3
Butyl Chloride		1	3	3	2	3	-	1	1	3	1	3
Butyl Mercaptane	C_4H_9SH	1	-	-	-	-	-	1	2	3	3	-
Butyl Oleate	$C_{22}H_{42}O_2$	1	-	-	1	-	1	1	1	2	3	-
Butyl Stearate	$C_{22}H_{44}O_2$	1	-	-	1	3	1	1	1	3	2	-
Butyraldehyde	C_3H_7CHO	-	1	-	1	-	1	1	3	2	3	1
Butyric Acid	C_3H_7COOH	1	1	3	1	3	1	1	1	1	1	1
Calcium Acetate	$(CH_3COO)_2Ca$	-	1	1	1	1	1	1	3	1	2	1
Calcium Bisulphite	$Ca(HSO_3)_2$	1	1	1	1	1	1	1	1	1	1	1
Calcium Carbonate	$CaCO_3$	1	1	1	1	1	1	1	1	1	1	1
Calcium Chlorate	$Ca(ClO_3)_2$	1	1	-	1	1	-	1	-	-	3	1
Calcium Chloride	$CaCl_2$	1	1	1	3	1	1	1	1	1	1	1
Calcium Cyanide	$Ca(CN)_2$	1	1	1	-	1	-	1	1	1	1	1
Calcium Hydroxide (Lime Milk) (Slaked Lime)	$Ca(OH)_2$	1	1	1	1	1	1	1	1	1	1	1
Calcium Hypochlorite (Chlorinated Lime)	$Ca(OCl)_2$	1	1	1	3	1	1	1	1	1	3	1
Calcium Nitrate (Nitrate of Lime)	$Ca(NO_3)_2$	1	1	1	1	1	1	1	1	1	1	1
Calcium Phosphate	$Ca_3(PO_4)_2$	1	1	1	1	1	1	1	1	1	1	1
Calcium Sulphate (Gypsum)	$CaSO_4$	1	1	1	1	1	1	1	2	1	3	1
Calcium Sulphide	CaS	1	1	1	-	1	1	1	1	1	1	1
Calcium Sulphite	$CaSO_3$	1	1	1	1	1	1	1	1	1	1	1
Calcium Thiosulphate	CaS_2O_3	1	1	1	3	1	1	1	1	1	2	1
Carbon Disulphide	CS_2	1	3	3	2	3	1	1	1	3	3	3
Carbon Tetrachloride (Tetrachloromethane)	CCl_4	1	3	2	1	3	1	1	1	3	3	3
Carbonic Acid	H_2CO_3	1	1	1	1	1	1	1	1	1	2	1
Castor Oil		1	1	1	1	1	-	1	1	2	1	1
Chloral Hydrate	$CCl_3-CH(OH)_2$	1	-	-	-	-	-	1	1	2	3	-
Chloric Acid	$HClO_3$	1	3	1	3	1	1	1	3	2	3	2
Chlorine Dioxide Solution	$ClO_2 + H_2O$	1	2	1	3	3	1	1	1	3	3	2
Chlorine Water	$Cl_2 + H_2O$	1	2	1	3	3	1	1	1	1	3	2
Chloroacetic Acid	$ClCH_2COOH$	1	3	3	3	-	1	1	3	2	3	3
Chlorox TM (Bleach 5.25% Active)		1	1	1	3	1	1	1	1	1	2	1
Chlorobenzene	C_6H_5Cl	1	1	3	1	3	1	1	1	3	3	3
Chloroethanol	$ClCH_2CH_2OH$	3	1	3	1	3	1	1	3	3	-	1
Chloroethylbenzene	$C_6H_4ClC_2H_5$	-	3	3	1	3	1	1	1	3	2	3
Chlorophenole	C_6H_4OHCl	1	1	-	1	3	1	1	-	3	-	1
Chlorotoluene	C_7H_8Cl	1	-	3	1	3	1	1	1	3	-	-
Chloroacetone	$ClCH_2COCH_3$	-	-	3	1	3	1	1	3	1	-	-
Chlorobutadiene (Chloroprene)	C_4H_5Cl	-	-	3	1	3	1	1	1	3	-	-
Chloroform (Trichloromethane)	$CHCl_3$	1	3	3	1	3	1	1	1	3	3	3
Chlorohydrin	C_3H_5OCl	3	1	-	1	3	1	1	1	3	-	1
Chlorosulphonic Acid	$SO_2(OH)Cl$	3	3	2	3	3	1	1	3	3	3	3
Chromic Acid, 50%	H_2CrO_4	1	1	1	3	3	3	1	1	3	3	1

Chemical	Formula	PVDF	PP	PVC	SS 316	PMMA	Hastelloy	PTFE	FPM	EPDM	WAX	PE
Chromic Acid, 30%	H ₂ CrO ₄	1	1	1	2	3	3	1	1	3	3	1
Chromic Acid, 10%	H ₂ CrO ₄	1	1	1	1	3	1	1	1	3	3	1
Chromic-Sulphuric Acid	K ₂ CrO ₄ + H ₂ SO ₄	1	3	1	-	3	-	1	-	-	3	3
Chromium Sulphate	Cr ₂ (SO ₄) ₃	1	1	1	1	1	1	1	1	1	-	1
Citric Acid	C ₆ H ₈ O ₇	1	1	1	1	1	1	1	1	1	1	1
Cobalt Chloride	CoCl ₂	1	1	1	3	1	1	1	1	1	1	1
Copper-II-Acetate	Cu(CH ₃ COO) ₂	1	1	1	1	1	1	1	3	1	2	1
Copper-II-Arsenite	Cu ₃ (AsO ₃) ₂	1	1	1	1	1	1	1	1	1	-	1
Copper-II-Carbonate	CuCO ₃	1	1	1	1	1	1	1	1	1	1	1
Copper-II-Chloride	CuCl ₂	1	1	1	-	1	1	1	1	1	1	1
Copper-II-Cyanide	Cu(CN) ₂	1	1	1	1	1	1	1	1	1	1	1
Copper-II-Fluoride	CuF ₂	1	1	1	1	1	1	1	1	1	-	1
Copper -II-Nitrate	Cu(NO ₃) ₂	1	1	1	1	1	2	1	1	1	1	1
Copper-II-Sulphate (Roman Vitriol)	CuSO ₄	1	1	1	1	1	1	1	1	1	1	1
Corn Oil		1	1	1	1	1	-	1	1	-	1	1
Cottonseed Oil		1	1	1	1	1	-	1	1	2	1	1
Cresol (Metyl Phenol)		1	3	3	1	3	1	1	1	3	-	3
Cresylic Acid	C ₈ H ₄ CH ₃ OH	1	1	2	1	3	2	1	1	3	3	1
Crotonaldehyde	CH ₃ C ₂ H ₂ CHO	1	1	3	1	-	1	1	3	1	3	1
Crude Oil		1	3	-	2	-	-	1	1	3	2	3
Cyclo Hexane	C ₆ H ₁₂	1	1	3	1	1	3	1	1	3	1	1
Cyclohexanole (Cyclohexyl Alcohol)	C ₆ H ₁₁ OH	1	1	2	1	3	1	1	1	3	1	1
Cyclohexanone	C ₆ H ₁₀ O	1	1	3	1	3	1	1	3	2	3	1
Cyclohexylamine	C ₆ H ₁₁ NH ₂	-	-	-	1	-	1	1	3	3	1	-
Decahydronaphthalene (Decaline)	C ₁₀ H ₁₈	1	3	2	-	3	1	1	3	3	3	3
Detergents, General		1	1	1	1	1	1	1	1	3	-	1
Diacetone alcohol	C ₆ H ₁₂ O ₂	1	1	3	1	3	1	1	3	1	2	1
Dibromoethane (Ethylene Dibromide)	C ₂ H ₄ Br ₂	1	-	3	1	3	1	1	1	3	-	3
Dybutyl Ether	C ₄ H ₉ OC ₄ H ₉	1	1	3	1	3	1	1	3	3	3	1
Dibutyl Phthalate	C ₁₆ H ₂₂ O ₄	1	1	3	1	3	1	1	1	2	3	3
Dibutylamine	(C ₄ H ₉) ₂ NH	1	1	-	1	-	1	1	3	3	-	1
Dichloroacetic acid	Cl ₂ CHCOOH	1	1	1	1	3	1	1	3	1	3	1
Dichlorobenzene	C ₆ H ₄ Cl ₂	1	3	3	1	3	1	1	1	3	3	3
Dichlorobutane	C ₄ H ₈ Cl ₂	1	3	3	1	3	1	1	1	3	3	3
Dichlorobutene	C ₄ H ₆ Cl ₂	1	3	3	1	3	1	1	1	3	3	3
Dichloroethane (Ethylene Dichloride)	C ₂ H ₄ Cl ₂	1	3	3	1	3	1	1	1	3	3	3
Dichloroethylene (Acethylene Dichloride)	C ₂ H ₂ Cl ₂	1	3	3	1	3	1	1	1	3	3	3
Dichloro Methane (Methylene Chloride)	CH ₂ Cl ₂	3	3	3	3	3	1	1	1	3	3	3
Dichloroisopropyl Ether	(C ₃ H ₆ Cl) ₂ O	-	3	3	1	3	1	1	3	3	-	3
Dicyclohexylamine	(C ₆ H ₁₂) ₂ NH	-	3	3	1	3	1	1	3	3	-	3
Diesel Fuel		1	1	1	1	1	1	1	1	-	1	3
Diethylene Glycol	C ₄ H ₁₀ O ₃	1	1	1	1	1	1	1	1	1	1	1
Diethyleneglycolethyl Ether	C ₈ H ₁₈ O ₃	1	1	-	1	-	1	1	-	2	-	1

Chemical	Formula	PVDF	PP	PVC	SS 316	PMMA	Hastelloy	PTFE	FPM	EPDM	WAX	PE
Ferric Sulphate	Fe ₂ (SO ₄) ₃	1	1	1	2	1	1	1	1	1	-	1
Ferrous Chloride	FeCl ₂	1	1	1	3	1	2	1	1	1	-	1
Ferrous Sulphate (Iron Vitriol)	FeSO ₄	1	1	1	3	1	1	1	1	1	3	1
Fluorobenzene	C ₆ H ₅ F	1	1	3	1	3	1	1	1	3	3	3
Fluoroboric Acid	HBF ₄	1	1	1	3	1	1	1	1	1	1	1
Fluorosilicic Acid	H ₂ SiF ₆	1	1	1	2	1	1	1	1	1	1	1
Formaldehyde (Formalin)	CH ₂ O	1	1	1	2	1	1	1	3	2	2	1
Formamide	HCONH ₂	1	1	3	1	1	1	1	2	1	3	1
Formic Acid	HCOOH	1	1	2	2	1	1	1	3	2	3	1
Fruit Juice Pulp		1	1	1	1	1	1	1	1	1	2	1
Fuel Oil		1	2	-	1	1	1	1	1	3	1	2
Furane	C ₄ H ₄ O	3	1	3	1	3	1	1	3	3	3	1
Furane Aldehyde	C ₅ H ₅ O ₂	3	-	-	1	-	-	1	3	2	3	-
Furfuryl Alcohol	OC ₄ H ₃ CH ₂ OH	3	1	3	1	3	1	1	1	2	3	1
Gallic Acid	C ₆ H ₂ (OH) ₃ COOH	1	1	1	1	1	1	1	1	2	2	1
Gasoline, Refined		1	1	1	2	1	1	1	1	3	1	1
Glucose (Dextrose)	C ₆ H ₁₂ O ₆	1	1	1	1	1	1	1	1	1	1	1
Glycerol (Glycerine)	C ₃ H ₅ (OH) ₃	1	1	1	1	1	1	1	1	1	1	1
Glycerol Triacetate	C ₃ H ₅ (CH ₃ COO) ₃	1	1	-	1	-	1	1	3	1	3	1
Glycine, 10%	NH ₂ CH ₂ COOH	1	1	1	1	1	1	1	1	1	2	1
Glycol (Ethylene Glycol)	C ₂ H ₄ (OH) ₂	1	1	1	1	1	1	1	1	1	1	1
Glycolic Acid, 70%	CH ₂ OHCOOH	1	1	3	1	1	1	1	1	1	1	1
Heptane	C ₇ H ₁₆	1	1	1	1	1	1	1	1	3	1	1
Hexanal	C ₅ H ₁₁ CHO	1	1	-	1	-	1	1	3	2	-	1
Hexane	C ₆ H ₁₄	1	1	1	1	1	1	1	1	3	1	1
Hexanol, Tertiary	C ₆ H ₁₃ OH	1	1	3	1	3	1	1	-	1	-	1
Hexantriol	C ₆ H ₉ (OH) ₃	1	1	-	1	-	1	1	1	1	1	1
Hexene	C ₆ H ₁₂	1	1	1	1	-	1	1	1	3	2	1
Hydrazine Hydrate	N ₂ H ₄ + H ₂ O	1	1	1	1	1	1	1	-	1	2	1
Hydrobromic Acid, 50%	HBr	1	1	1	3	1	1	1	1	1	2	1
Hydrochloric Acid, Concentrate	HCl	1	1	1	3	1	3	1	1	3	3	1
Hydrochloric Acid, Dilute (Muriatic Acid)	HCl	1	1	1	3	1	2	1	1	1	1	1
Hydrocyanic Acid (Hydrogen Cyanide) (Prussic Acid)	HCN	1	1	1	1	1	1	1	1	1	-	1
Hydrofluoric Acid 40%	HF	1	3	2	3	3	2	1	1	3	3	1
Hydrofluosillicic Acid		1	1	1	2	1	1	1	1	1	2	1
Hydrogen Peroxide, 30% (Perydrol)	H ₂ O ₂	1	1	1	1	1	1	1	1	2	3	1
Hydroiodic Acid	HI	1	1	1	3	1	-	1	3	-	-	1
Hydrogen Sulphide, Aqueous	H ₂ S	1	1	1	2	1	1	1	1	3	2	1
Hydroquinone	C ₆ H ₄ (OH) ₂	1	1	1	1	-	1	1	2	3	3	1
Hydroxylamine Sulphate	(NH ₂ OH) ₂ * H ₂ SO ₄	1	1	1	1	1	1	1	1	1	1	1
Hypochlorous Acid	HOCl	1	3	1	3	1	1	1	1	2	3	1

Chemical	Formula	PVDF	PP	PVC	SS 316	PMMA	Hastelloy	PTFE	FPM	EPDM	WAX	PE
Iodine Water Solution	I ₂	1	2	3	3	1	-	1	1	2	1	2
Isobutyl Alcohol (Isobutanol)	C ₂ H ₅ CH(OH)CH ₃	1	1	1	1	3	1	1	1	1	2	1
Isopropyl Acetate	CH ₃ COOCH(CH ₃) ₂	1	1	3	1	3	1	1	3	2	3	1
Isopropyl Alcohol (Isopropanol)	(CH ₃) ₂ CHOH	1	1	2	1	3	1	1	1	1	2	1
Isopropyl Benzene (Cumene)	C ₆ H ₅ CH(CH ₃) ₂	1	3	3	1	3	1	1	1	3	-	3
Isopropyl Chloride	CH ₃ CHClCH ₃	1	3	3	1	3	2	1	1	3	3	3
Isopropyl Ether	C ₆ H ₁₄ O ₃	1	3	3	1	3	1	1	3	3	3	3
Kerosene		1	2	1	1	1	1	1	1	-	1	2
Lactic Acid	C ₃ H ₆ O ₃	1	1	1	2	3	2	1	1	2	1	1
Lard Oil		1	1	1	1	1	1	1	1	2	1	1
Lauric Acid		1	-	1	-	-	-	1	1	3	1	-
Lead Acetate (Lead Sugar)	Pb(CH ₃ COO) ₂	1	1	1	2	1	1	1	3	1	1	1
Lead Nitrate	Pb(NO ₃) ₂	1	1	1	1	1	1	1	1	1	1	1
Lead Sulphate	PbSO ₄	1	1	1	1	1	1	1	1	1	-	1
Lead Tetraethyl	Pb(C ₂ H ₅) ₄	1	1	1	1	1	1	1	1	3	-	1
Linoleic Acid		1	-	1	1	-	-	1	1	-	2	-
Linseed Oil		1	1	1	-	-	1	1	1	2	1	3
Lithium Bromide (Brine)	LiBr	1	1	1	1	1	1	1	1	1	1	1
Lithium Chloride	LiCl	1	1	1	3	1	-	1	1	1	1	1
Lithium Salts		1	1	1	-	-	-	1	-	1	-	1
Magnesium Carbonate	MgCO ₃	1	1	1	1	1	1	1	1	1	-	1
Magnesium Chloride	MgCl ₂	1	1	1	3	1	1	1	1	1	1	1
Magnesium Hydroxide	Mg(OH) ₂	1	1	1	1	1	1	1	1	1	2	1
Magnesium Nitrate	Mg(NO ₃) ₂	1	1	1	1	1	1	1	1	1	-	1
Magnesium Sulphate (Epsom Salts)	MgSO ₄	1	1	1	1	1	1	1	1	1	1	1
Maleic Acid	C ₄ H ₄ O ₄	1	1	1	1	1	1	1	1	1	1	1
Malic Acid	C ₄ H ₆ O ₅	1	1	1	1	1	1	1	1	1	1	1
Manganese-II-Chloride	MnCl ₂	1	1	1	3	1	1	1	1	1	3	1
Manganese-II-Sulphate	MnSO ₄	1	1	1	1	1	1	1	1	1	3	1
Mercury	Mg	1	1	1	1	1	1	1	1	1	1	1
Mercury-II-Chloride (Sublimate)	HgCl ₂	1	1	1	3	1	1	1	1	1	1	1
Mercury-II-Cyanide	Hg(CN) ₂	1	1	1	1	1	1	1	1	1	3	1
Mercury-II-Nitrate	Hg(NO ₃) ₂	1	1	1	1	1	1	1	1	1	3	1
Mesityl Oxide	C ₆ H ₁₀ O	-	-	3	1	3	1	1	3	2	3	2
Methacrylic Acid	C ₃ H ₅ COOH	1	1	-	1	-	1	1	3	2	3	1
Methanol	CH ₃ OH	1	1	1	1	3	1	1	2	1	4	1
Methoxybutanol	CH ₃ O(CH ₂) ₄ OH	1	1	3	1	3	1	1	1	3	1	1
Methylacetate	CH ₃ COOCH ₃	1	1	3	1	3	1	1	3	2	3	1
Methylacrilate	C ₂ H ₃ COOCH ₃	1	1	3	1	3	1	1	3	2	3	1
Methylbenzoate	C ₆ H ₅ COOCH ₃	3	1	3	1	3	1	1	1	3	3	1
Methylcatechol	C ₆ H ₃ (OH) ₂ CH ₃	1	1	1	1	1	1	1	1	3	-	1

Chemical	Formula	PVDF	PP	PVC	SS 316	PMMA	Hastelloy	PTFE	FPM	EPDM	WAX	PE
Methylcellulose		1	1	1	1	1	1	1	3	1	2	1
Methylchloroacetate	$\text{ClCH}_2\text{COOCH}_3$	1	1	3	1	3	1	1	3	1	3	1
Methylcyclopentane	$\text{C}_5\text{H}_9\text{CH}_3$	1	1	1	1	1	1	1	1	3	-	1
Methyldichloroacetate	$\text{Cl}_2\text{CHCOOCH}_3$	-	1	3	1	3	1	1	3	-	-	1
Methyl Ethyl Ketone (MEK)	$\text{CH}_3\text{COOC}_2\text{H}_5$	3	1	3	1	3	1	1	3	1	3	1
Methylglycol	$\text{C}_3\text{H}_8\text{O}_2$	1	1	1	1	1	1	1	3	2	-	1
Methyl Isobutyl Ketone	$\text{CH}_3\text{COC}_4\text{H}_9$	1	1	3	1	3	1	1	3	3	3	1
Methyl Isopropyl Ketone	$\text{CH}_3\text{COC}_3\text{H}_7$	1	1	3	1	3	1	1	3	2	3	1
Methylmetacrylate	$\text{C}_3\text{H}_5\text{COOCH}_3$	1	1	3	1	3	1	1	3	3	3	1
Methyloleate	$\text{C}_{17}\text{H}_{33}\text{COOCH}_3$	1	1	-	1	-	1	1	1	2	-	1
Methylsalicylate	$\text{HOC}_6\text{H}_4\text{COOCH}_3$	1	1	3	1	3	1	1	2	2	3	1
Methylacetyl Acetate	$\text{C}_5\text{H}_8\text{O}_3$	1	1	3	1	3	1	1	3	2	-	1
Methylamine	CH_3NH_2	3	1	3	1	1	1	1	3	1	3	1
Methyl Sulphate		1	3	1	-	3	-	1	-	-	-	1
Milk		1	1	1	1	1	1	1	1	2	1	1
Mineral Oil		1	1	1	1	1	1	1	1	3	1	1
Morpholine	$\text{C}_4\text{H}_9\text{ON}$	1	1	3	1	3	1	1	1	-	3	1
Naptha, Petroleum		1	3	1	2	1	1	1	1	3	3	3
Napthalene	C_{10}H_8	1	3	3	1	-	1	1	1	3	3	3
Nickel-II-Acetate	$(\text{CH}_3\text{COO})_2\text{Ni}$	1	1	1	1	1	1	1	3	1	3	1
Nickel-II-Chloride	NiCl_2	1	1	1	3	1	1	1	1	1	1	1
Nickel-II-Nitrate	$\text{Ni}(\text{NO}_3)_2$	1	1	1	1	1	2	1	1	1	3	1
Nickel-II-Sulphate	NiSO_4	1	1	1	1	1	2	1	1	1	1	1
Nitric Acid, Anhydrous	HNO_3	1	3	1	2	3	3	1	2	3	3	3
Nitric Acid, 65%	HNO_3	1	2	3	2	3	1	1	1	3	3	2
Nitric Acid, 40%	HNO_3	1	1	1	1	3	1	1	1	2	3	1
Nitromethane	CH_3NO_2	3	1	3	1	3	1	1	3	2	3	1
Nitropropane	$(\text{CH}_3)_2\text{CHNO}_2$	-	1	3	1	3	1	1	3	2	3	1
Nitrotoluene	$\text{C}_6\text{H}_4\text{NO}_2\text{CH}_3$	1	1	3	1	3	1	1	3	3	3	1
Octane	C_8H_{18}	1	1	1	1	3	1	1	1	3	1	1
Octanol	$\text{C}_8\text{H}_{17}\text{OH}$	1	1	3	1	3	1	1	1	1	1	1
Octyl Cresol	$\text{C}_{15}\text{H}_{24}\text{O}$	1	1	3	1	3	1	1	3	-	-	1
Oils and Fats		1	1	1	1	1	1	1	1	3	-	1
Oleic Acid	$\text{C}_{17}\text{H}_{33}\text{COOH}$	1	1	1	1	-	1	1	2	3	3	1
Oleum	$\text{H}_2\text{SO}_4 + \text{SO}_3$	3	3	3	2	3	1	1	1	3	3	3
Olive Oil	HOOC-COOH	1	1	1	2	1	1	1	1	2	1	1
Oxalic Acid	$(\text{COOH})_2$	1	1	1	2	1	1	1	1	3	2	1
Palmitric Acid	$\text{C}_{15}\text{H}_{31}\text{COOH}$	1	1	1	1	-	1	1	1	1	1	1
Pentane	C_5H_{12}	1	1	1	1	1	1	1	1	3	1	1
Perchloric Acid, 70%	HClO_4	1	1	1	3	3	1	1	1	2	3	1
Perchloric Acid, 10%	HClO_4	1	1	1	3	3	1	1	1	2	3	1

Chemical	Formula	PVDF	PP	PVC	SS 316	PMMA	Hastelloy	PTFE	FPM	EPDM	WAX	PE
Perchloroethylene	C ₂ Cl ₄	1	3	1	1	3	1	1	1	3	3	3
Petroleum Ether	C _n H _{2n+2}	1	1	2	1	2	1	1	1	3	1	1
Petroleum Oils (Sour)		1	3	1	2	1	-	1	1	3	-	3
Phenol (Carbolic Acid)	C ₆ H ₅ OH	1	1	1	2	3	1	1	1	3	3	3
Phenyl Ethyl Ether	C ₆ H ₅ OC ₂ H ₅	-	1	3	1	3	1	1	3	3	3	1
Phenyl Hydrazine	C ₆ H ₅ NHNH ₂	1	3	3	1	3	1	1	3	3	2	3
Phosphoric Acid, 50% (Orthophosphoric Acid)	H ₃ PO ₄	1	1	1	2	1	1	1	1	1	3	1
Phosphoric Acid, 25% (Orthophosphoric Acid)	H ₃ PO ₄	1	1	1	2	1	1	1	1	1	3	1
Phosphorous Oxychloride	POCl ₃	1	1	3	-	3	1	1	1	1	3	1
Phosphorous Trichloride	PCl ₃	1	1	3	1	3	1	1	1	1	3	1
Photographic Solution		1	1	1	1	1	2	1	1	1	1	1
Phthalic Acid	C ₆ H ₄ (COOH) ₂	1	1	1	1	1	2	1	2	1	1	1
Picric Acid	C ₆ H ₂ (NO ₃) ₃ OH	1	2	1	1	1	1	1	1	1	2	2
Plating Solution		1	1	1	1	-	1	1	1	1	2	1
Piperidine	C ₅ H ₁₁ N	1	-	3	1	3	1	1	3	3	3	-
Potassium Acetate	CH ₃ COOK	1	1	1	1	1	1	1	3	1	2	1
Potassium Aluminium Sulphate (Potash Alum)	KAl(SO ₄) ₂	1	1	1	1	1	1	1	1	1	3	1
Potassium Bicarbonate	KHCO ₃	1	1	1	1	1	1	1	1	1	3	1
Potassium Bifluoride	KHF ₂	1	1	1	1	-	1	1	1	1	3	1
Potassium Bisulphate 5%	KHSO ₄	1	1	1	1	1	1	1	1	1	1	1
Potassium Bitartrate	KC ₄ H ₅ O ₆	1	1	1	1	1	1	1	1	1	3	1
Potassium Borate	KBO ₂	1	1	1	1	1	1	1	1	1	1	1
Potassium Bromate	KBrO ₃	1	1	1	1	1	1	1	1	1	1	1
Potassium Bromide	KBr	1	1	1	1	1	1	1	1	1	1	1
Potassium Carbonate	K ₂ CO ₃	1	1	1	2	1	1	1	1	1	1	1
Potassium Chlorate	KClO ₃	1	1	1	1	1	1	1	1	1	3	1
Potassium Chloride	KCl	1	1	1	3	1	1	1	1	1	1	1
Potassium Chromate	K ₂ CrO ₄	1	1	1	1	1	1	1	1	1	2	1
Potassium Chrome Sulphate (Chrome-alum)	KCr(SO ₄) ₂	1	1	2	1	1	1	1	1	1	-	1
Potassium Cyanate	KOCN	1	1	1	1	1	1	1	1	1	3	1
Potassium Cyanide 5%	KCN	1	1	1	1	1	1	1	1	1	1	1
Potassium Cyanoferrate II	K ₄ Fe(CN) ₆	1	1	1	1	1	1	1	1	1	-	1
Potassium Cyanoferrate III	K ₃ Fe(CN) ₆	1	1	1	1	1	1	1	1	1	-	1
Potassium Dichromate (Potassium Pyrochromate)	K ₂ Cr ₂ O ₇	1	1	1	2	1	1	1	1	1	2	1
Potassium Ferrocyanide		1	1	1	2	1	1	1	1	1	3	1
Potassium Fluoride	KF	1	1	1	1	1	1	1	1	1	3	1
Potassium Hydroxide (CausticPotash)	KOH	1	1	1	1	1	2	1	3	1	2	1
Potassium Iodide	KI	1	1	1	1	1	1	1	1	1	1	1
Potassium Nitrate (Saltpeter)	KNO ₃	1	1	1	1	1	2	1	1	1	1	1
Potassium Perchlorate	KClO ₄	1	1	1	-	1	1	1	1	1	3	1
Potassium Permanganate, 10%	KMnO ₄	1	1	1	1	1	1	1	1	1	3	1
Potassium Persulphate	K ₂ S ₂ O ₈	1	1	1	1	1	1	1	1	1	3	1
Potassium Phosphate	KH ₂ PO ₄	1	1	1	1	1	1	1	1	1	3	1
Potassium Sulphate	K ₂ SO ₄	1	1	1	1	1	2	1	1	1	1	1

Chemical	Formula	PVDF	PP	PVC	SS 316	PMMA	Hastelloy	PTFE	FPM	EPDM	WAX	PE
Potassium Sulphite	K ₂ SO ₃	1	1	1	1	1	1	1	1	1	1	1
Propionic Acid	C ₂ H ₅ COOH	1	1	1	1	3	1	1	3	1	1	1
Propionitrile	CH ₃ CH ₂ CN	1	1	-	1	-	1	1	3	3	-	1
Propyl Acetate	CH ₃ COOC ₃ H ₇	1	1	3	1	3	1	1	3	2	-	1
Propylene Dichloride		1	3	3	-	2	2	1	-	-	-	3
Propylene Glycol	CH ₃ CHOHCH ₂ OH	1	1	1	1	1	1	1	1	1	1	1
Pyridine	C ₅ H ₅ N	3	3	3	1	3	1	1	3	3	3	1
Pyrrole	C ₄ H ₄ N	-	1	-	1	-	1	1	3	3	3	1
Salicylic Acid	HOC ₆ H ₄ COOH	1	1	1	1	1	2	1	1	1	1	1
Sea Water		1	1	1	3	1	1	1	1	1	1	1
Silic Acid	SiO ₂ * x H ₂ O	1	1	1	1	1	1	1	1	1	1	1
Silver Bromide	AgBr	1	1	1	3	1	1	1	2	1	3	1
Silver Chloride	AgCl	1	1	1	1	1	2	1	2	1	3	1
Silver Nitrate (Lunar Caustic)	AgNO ₃	1	1	1	1	1	1	1	1	1	2	1
Silver Plating Solutions		1	1	1	1	1	1	1	1	-	-	1
Soaps		1	1	1	2	1	1	1	1	1	-	1
Sodium Acetate	NaCH ₃ COO	1	1	1	1	1	1	1	1	1	2	1
Sodium Benzoate	C ₆ H ₅ COONa	1	1	1	1	1	1	1	1	1	1	1
Sodium Bicarbonate (Natron)	NaHCO ₃	1	1	1	1	1	1	1	1	1	1	1
Sodium Bisulphate (Sodium Hydrogen Sulphate)	NaHSO ₄	1	1	1	2	1	1	1	1	1	1	1
Sodium Bisulphite	NaHSO ₃	1	1	1	2	1	1	1	1	1	1	1
Sodium Borate	NaBO ₂	1	1	1	1	1	1	1	1	1	1	1
Sodium Bromate	NaBrO ₃	1	1	1	1	1	1	1	1	1	3	1
Sodium Bromide	NaBr	1	1	1	1	1	1	1	1	1	3	1
Sodium Carbonate (Soda)	Na ₂ CO ₃	1	1	1	1	1	1	1	2	1	1	1
Sodium Chlorate	NaClO ₃	1	1	1	2	1	2	1	1	1	3	1
Sodium Chloride (Kitchen Salt)	NaCl	1	1	1	3	1	1	1	1	1	1	1
Sodium Chlorite 10%	NaClO ₂	1	1	1	1	1	1	1	1	1	3	1
Sodium Chromate	Na ₂ CrO ₄	1	1	1	1	1	1	1	1	1	3	1
Sodium Cyanide	NaCN	1	1	1	2	1	1	1	1	1	1	1
Sodium Dichromate	Na ₂ Cr ₂ O ₇	1	1	1	1	1	1	1	1	1	-	1
Sodium Dithionite	Na ₂ S ₂ O ₄	1	3	3	1	1	2	1	-	-	-	3
Sodium Fluoride	NaF	1	1	1	3	1	1	1	1	1	3	1
Sodium Ferrocyanide	Na ₄ Fe(CN) ₆	2	1	1	2	-	1	1	1	1	3	1
Sodium Hexametaphosphate		1	1	1	1	1	-	1	1	-	-	1
Sodium Hydroxide (Caustic Soda)	NaOH	3	1	1	1	1	1	1	2	1	2	1
Sodium Hypochlorite, 12.5%	NaOCl + NaCl	1	2	1	3	1	1	1	1	1	2	3
Sodium Iodide	NaI	1	1	1	1	1	1	1	1	1	3	1
Sodium Metaphosphate	(NaPO ₃) _n	1	1	1	1	1	1	1	1	1	1	1
Sodium Nitrate (Cubic Nitre)	NaNO ₃	1	1	1	1	1	1	1	1	1	1	1
Sodium Nitrite	NaNO ₂	1	1	1	1	1	1	1	1	1	2	1
Sodium Oxalate	Na ₂ C ₂ O ₄	1	1	1	1	1	1	1	1	1	3	1
Sodium Perborate	NaBO ₂ * H ₂ O ₂	1	1	2	1	1	2	1	1	1	2	1
Sodium Perchlorate 10%	NaClO ₄	1	1	1	2	1	2	1	1	1	3	1

Chemical	Formula	PVDF	PP	PVC	SS 316	PMMA	Hastelloy	PTFE	FPM	EPDM	WAX	PE
Sodium Peroxide	Na ₂ O ₂	1	1	1	1	1	1	1	1	1	2	3
Sodium Persulphate	Na ₂ S ₂ O ₈	1	1	1	1	-	1	1	1	1	3	1
Sodium Pyrosulphite	Na ₂ S ₂ O ₅	1	1	1	1	1	1	1	-	-	-	1
Sodium Phosphate	Na ₃ PO ₄	1	1	1	2	1	1	1	1	1	1	1
Sodium Salicylate	C ₆ H ₄ (OH)COONa	1	1	2	1	1	1	1	1	3	3	1
Sodium Silicate (Water Glass)	Na ₂ SiO ₃	1	1	1	1	1	1	1	1	1	1	1
Sodium Sulphate (Glauber's Salt) (Mirabilit)	Na ₂ SO ₄	1	1	1	1	1	1	1	1	1	1	1
Sodium Sulphide	Na ₂ S	1	1	1	1	1	2	1	1	1	1	1
Sodium Sulphite 50%	Na ₂ SO ₃	1	1	1	2	1	1	1	1	1	1	1
Sodium Tetraborate	Na ₂ B ₄ O ₇ * 10H ₂ O	1	1	1	1	1	1	1	2	1	3	1
Sodium Thiosulphate (Fixing salt), 25%	Na ₂ S ₂ O ₃	1	1	1	1	1	1	1	1	1	3	1
Sodium Tripolyphosphate	Na ₅ P ₃ O ₁₀	1	1	1	1	1	1	1	2	1	3	1
Stannic Chloride		1	1	1	3	-	1	1	1	1	1	1
Stannous Chloride	SnCl ₂	1	1	1	2	-	1	1	1	-	-	1
Starch	(C ₆ H ₁₀ O ₅) _n	1	1	1	1	1	1	1	1	-	1	1
Starch Gum		1	1	1	1	1	1	1	1	1	-	1
Stearic Acid	C ₁₇ H ₃₃ COOH	1	1	1	1	-	1	1	1	2	2	1
Styrene	C ₈ H ₅ CHCH ₂	1	3	3	1	3	1	1	1	3	3	3
Succinic Acid	C ₄ H ₆ O ₄	1	1	1	1	1	1	1	1	1	1	1
Sugar Syrup		1	1	1	1	1	1	1	1	1	1	1
Sulphur	S	1	1	1	1	1	1	1	1	1	3	1
Sulphur Trioxide	SO ₃	3	3	1	3	-	-	1	1	3	3	3
Sulphuric Acid, 10%	H ₂ SO ₄	1	1	1	2	1	1	1	1	1	3	1
Sulphuric Acid, 85%	H ₂ SO ₄	1	1	1	2	3	1	1	1	3	3	1
Sulphuric Acid, 98.5%	H ₂ SO ₄	1	3	3	3	3	1	1	1	3	3	3
Sulphurous Acid	H ₂ SO ₃	1	1	1	3	1	1	1	1	1	2	1
Sulphuryl Chloride	SO ₂ Cl ₂	3	3	3	-	3	-	1	1	3	3	3
Tannic Acid	C ₇₆ H ₅₂ O ₄₆	1	1	1	1	1	1	1	1	1	1	1
Tanning Liquors		1	1	1	1	-	1	1	1	-	-	1
Tartaric Acid	C ₄ H ₆ O ₆	1	1	1	1	2	1	1	1	2	1	1
Tetrachloroethane (Acetylene Tetrachloride)	C ₂ H ₂ Cl ₄	1	3	3	1	3	1	1	1	3	3	3
Tetrachlorinethylene	C ₂ Cl ₄	1	3	3	1	3	1	1	1	3	3	3
Tetrahydrofurane (THF)	C ₄ H ₈ O	3	3	3	1	3	1	1	3	3	3	3
Tetrahydronaphtalene (Tetralin)	C ₁₀ H ₁₂	1	3	3	1	3	1	1	1	3	3	3
Tetraethyl Lead		1	-	1	-	-	-	1	1	-	-	-
Thionil Chloride	SOCl ₂	1	3	3	-	3	-	1	2	1	3	3
Thiophene	C ₄ H ₄ S	-	3	3	1	-	1	1	3	3	3	3
Tin-II-Chloride	SnCl ₂	1	1	3	3	1	2	1	2	1	1	1
Tin-II-Sulphate	SnSO ₄	1	1	1	1	-	2	1	1	1	-	1
Tin-IV-Chloride	SnCl ₄	1	1	1	3	-	1	1	1	1	-	1
Titanium Tetrachloride	TiCl ₄	1	-	-	-	-	-	1	3	3	3	-
Toluene	C ₆ H ₅ CH ₃	1	3	3	1	3	1	1	3	3	3	3
Toluene Diisocyanate	C ₇ H ₅ (NCO) ₂	-	1	-	1	-	1	1	3	2	3	1
Tributyl Phosphate	(C ₄ H ₉) ₃ PO ₄	1	1	3	1	3	1	1	3	1	3	1

Chemical	Formula	PVDF	PP	PVC	SS 316	PMMA	Hastelloy	PTFE	FPM	EPDM	WAX	PE
Trichloro Ethane (Trilene)	CCl_3CH_3	1	3	3	1	3	1	1	1	3	3	3
Trichloroethylene	C_2HCl_3	1	3	3	2	3	1	1	3	3	3	3
Trichloroacetaldehyde Hydrate	$\text{CCl}_3\text{CH}(\text{OH})_2$	3	3	3	1	3	1	1	3	3	-	1
Trichloroacetic Acid 50%	CCl_3COOH	1	1	1	3	3	1	1	3	3	-	1
Tricresyl Phosphate	$(\text{C}_7\text{H}_7)_3\text{PO}_4$	-	1	3	1	3	1	1	2	1	3	1
Triethanol Amine	$\text{N}(\text{C}_2\text{H}_4\text{O}_4)_3$	1	1	3	1	1	1	1	3	2	3	1
Trioctyl Phosphate	$(\text{C}_8\text{H}_{17})_3\text{PO}_4$	1	1	3	1	3	1	1	2	1	3	1
Trisodium Phosphate	Na_3PO_4	1	1	1	1	1	1	1	2	1	1	1
Turpentine		1	3	3	1	3	1	1	1	3	1	3
Urea	$\text{CO}(\text{NH}_2)_2$	1	1	2	1	1	1	1	1	1	1	1
Vinegar		1	1	1	1	1	1	1	1	2	2	1
Vinyl Acetate	$\text{CH}_2=\text{CHOOCCCH}_3$	1	1	3	1	3	1	1	3	1	2	1
Vegetable Oils		1	1	1	1	1	1	1	1	3	1	1
Water, Acid, Mine		1	1	1	1	1	1	1	1	1	-	1
Water, Fresh		1	1	1	1	1	1	1	1	1	1	1
Water, Distilled	H_2O	1	1	1	1	1	1	1	1	1	-	1
Water, Salt		1	1	1	2	1	1	1	1	1	1	1
Whiskey		1	1	1	1	1	-	1	1	1	1	1
Wines		1	1	1	1	1	-	1	1	1	1	1
Xylene	$\text{C}_6\text{H}_4(\text{CH}_3)_2$	1	3	3	1	3	1	1	1	3	3	3
Zinc Acetate	$(\text{CH}_3\text{COO})_2\text{Zn}$	1	1	1	1	1	1	1	3	1	2	1
Zinc Chloride	ZnCl_2	1	1	1	3	1	1	1	1	1	1	1
Zinc Sulphate	ZnSO_4	1	1	1	2	1	1	1	1	1	1	1