macnaught
M-SERIES

Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Accumulator Acid	Suplphuric Acid 40 %																
Acetaldehyde	CH3-CHO	40			20	+	+	+	+	+	+	+	+	-	+	+	+
Acetaldehyde	CH3-CHO	40			40	+	+	+	o	+	+	+	+	-	+	+	+
Acetaldehyde	CH3-CHO	40			60	+	+	o	o	+	+	+	o	-	+	+	+
Acetaldehyde	CH3-CHO	TR	0.79	B	20	+	+	o	o	+	+	+	o	-	o	+	+
Acetaldehyde	CH3-CHO	TR			40	+	+	-	-	o	+	+	-	-	o	+	+
Acetamide	CH3-CO-NH2	TR	0.98		20	+	+	o	+	+	+	+	+	+	+	+	+
Acetamide	CH3-CO-NH2	TR			40	+	+	o	+	+	+	+	+	o	+	+	+
Acetamide	CH3-CO-NH2	TR			60	+	+	-	o	+	+	+	+	-	o	+	+
Acetanhydride	(CH3CO)2O	TR	1.09	AII	20	+	+	+	o	o	+	+	o	-	o	+	+
Acetanhydride	(CH3CO)2O	TR			40	+	+	+	o	-	+	+	-	-	-	+	+
Acetanhydride	(CH3CO)2O	TR			60	+	+	o	o	-	+	+	-	-	-	+	+
Acetic Acid	CH3COOH	10			20	+	+	o	+	+	+	+	o	o	+	+	+
Acetic Acid	CH3COOH	10			40	+	+	o	+	+	+	+	-	-	+	+	+
Acetic Acid	CH3COOH	10			60	+	+	-	+	+	+	+	-	-	o	+	+
Acetic Acid	CH3COOH	25			20	+	+	o	+	+	+	+	-	-	+	+	+
Acetic Acid	CH3COOH	25			40	+	+	o	+	+	+	+	-	-	o	+	+
Acetic Acid	CH3COOH	25			60	+	+	-	+	+	+	+	-	-	-	+	+
Acetic Acid	CH3COOH	50			20	+	+	o	+	+	+	+	-	-	o	+	+
Acetic Acid	CH3COOH	50			40	+	+	o	+	+	+	+	-	-	o	+	+
Acetic Acid	CH3COOH	50			60	+	+	-	+	+	+	+	-	-	-	+	+
Acetic Acid	CH3COOH	80			20	+	+	-	+	+	+	+	-	-	o	+	+
Acetic Acid	CH3COOH	80			40	o	+	-	+	+	+	+	-	-	o	+	+
Acetic Acid	CH3COOH	80			60	o	+	-	o	+	+	+	-	-	-	+	+
Acetic Acid	CH3COOH	100	1.05		20	+	+	-	o	+	+	+	-	-	o	+	+
Acetic Acid	CH3COOH	100			40	+	+	-	o	+	+	+	-	-	-	+	+
Acetic Acid	CH3COOH	100			60	+	+	-	o	o	+	+	-	-	-	+	+
Acetic Anhydride	Acetanhydride																
Acetic Ether	Ethyl Acetate																
Acetic Methyl Ester	CH3CO2CH3	100	0.93	AI	20	+	+	-	+	+	+	+	-	-	-	+	+
Acetic Methyl Ester	CH3CO2CH3	100			40	+	+	-	+	o	+	+	-	-	-	+	+
Acetic Methyl Ester	CH3CO2CH3	100			60	+	+	-	+	-	+	+	-	-	-	+	+
Acetic Methyl Ester	CH3CO2CH3	100	0.93	AI	20	+	+	-	+	+	+	+	-	-	-	+	+
Acetic Methyl Ester	CH3CO2CH3	100			40	+	+	-	+	o	+	+	-	-	-	+	+
Acetic Methyl Ester	CH3CO2CH3	100			60	+	+	-	+	-	+	+	-	-	-	+	+
Acetone	CH3-CO-CH3+H2O	10		B	20	+	+	+	+	+	+	+	o	-	+	+	+
Acetone	CH3-CO-CH3+H2O	10			40	+	+	+	+	+	+	+	o	-	o	+	+
Acetone	CH3-CO-CH3+H2O	10			60	+	+	o	o	+	+	+	-	-	-	+	+
Acetone	CH3-CO-CH3	TR	0.79	B	20	+	+	+	+	o	+	+	-	-	+	+	+
Acetone	CH3-CO-CH3	TR			40	+	+	o	+	o	+	+	-	-	o	+	+
Acetone	CH3-CO-CH3	TR			60	+	+	o	o	-	+	+	-	-	-	+	+
Acetone	Aceton																
Acetonitrile	CH3-CN	TR	0.78	B	20	+	+	+	+	o	+	+	o	-	o	+	+
Acetonitrile	CH3-CN	TR			40	+	+	+	+	-	+	+	o	-	-	+	+
Acetonitrile	CH3-CN	TR			60	-	+	+	+	-	+	+	o	-	-	+	+
Acetylene Dichloride	Dichloroethylene 1,1																
Acrylonitrile	CH2=CH-CN	TR	0.81	AI	20	+	+	+	+	+	+	+	o	-	o	+	+
Acrylonitrile	CH2=CH-CN	TR			40	+ [1)]	+	+	o	o	+	o	o	-	o	+	+

TR = technically pure, GL = saturated solution, H = commercial composition
+ = resistant, 0 = limited resistance, - = not resistant

Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Acrylonitrile	CH2=CH-CN	TR			60	+ [1)]	+	+	o	o	+	o	o	-	-	+	+
Adipic Acid	C7H12O2	GL	0.89	AII	20	+	+	o	+	+	+	+	+	+	+	+	+
Adipic Acid	C7H12O2	GL			40	+	+	-	+	+	+	+	+	+	+	+	+
Adipic Acid	C7H12O2	GL			60	+	+	-	+	+	+	+	+	+	+	+	+
Adipic Acid																	
Allyl Alcohol	H2C=CH-CH2-OH	96	0.87	B	20	+	+	o	+	+	+	+	o	+	o	+	+
Allyl Alcohol	H2C=CH-CH2-OH	96			40	+	+	o	+	+	+	+	-	+	o	+	+
Allyl Alcohol	H2C=CH-CH2-OH	96			60	+	+	o	+	+	+	+	-	+	o	+	+
Alum	Potassium Aluminium Sulphate																
Aluminium Chloride	AlCl3	10			20	o	+	-	+	+	+	+	+	+	+	+	+
Aluminium Chloride	AlCl3	10			40	o	+	-	+	+	+	+	+	+	+	+	+
Aluminium Chloride	AlCl3	10			60	o	+	-	+	+	+	+	+	o	+	+	+
Aluminium Chloride	AlCl3	GL	2.40		20	-	+	-	+	+	+	+	+	+	+	+	+
Aluminium Chloride	AlCl3	GL			40	-	+	-	+	+	+	+	+	+	+	+	+
Aluminium Chloride	AlCl3	GL			60	-	o	-	+	+	+	+	+	+	+	+	+
Aluminium Nitrate	Al(NO3)3	GL			20	+	+	-	+	+	+	+	+	+	+	+	+
Aluminium Nitrate	Al(NO3)3	GL			40	+	+	-	+	+	+	+	+	+	+	+	+
Aluminium Nitrate	Al(NO3)3	GL			60	o	+	-	+ [1)]	+	+	-	+	o	+	+	+
Aluminium Sulphate	Al2(SO4)3	10			20	+	+	-	+	+	+	+	+	+	+	+	+
Aluminium Sulphate	Al2(SO4)3	10			40	+	+	-	+	+	+	+	+	+	+	+	+
Aluminium Sulphate	Al2(SO4)3	10			60	+	+	-	+	+	+	+	+	+	+	+	+
Aluminium Sulphate	Al2(SO4)3	GL	1.61		20	+	+	-	+	+	+	+	+	+	+	+	+
Aluminium Sulphate	Al2(SO4)3	GL			40	o	+	-	+	+	+	+	+	+	+	+	+
Aluminium Sulphate	Al2(SO4)3	GL			60	o	o	-	+	+	+	+	+	+	o	+	+
Amino Acid Amide	Formamide																
Ammonia Solution	Ammonia Water																
Ammonia Water	NH4OH	GL			40	+	+	+	+	+	+	+	-	o	+	+	+
Ammonia Water	NH4OH	GL			60	+	+	+	+	+	+	+	-	o	+	+	+
Ammonia Water	NH4OH	GL			20	+	+	+	+	+	+	+	-	+	+	+	+
Ammonium Acetate	CH3-COONH4+H2O				20	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Acetate	CH3-COONH4+H2O				40	+	+	o	+	+	+	+	+	+	+	+	+
Ammonium Acetate	CH3-COONH4+H2O				60	+ [1)]	+	o	+ [1)]	+	+	o	+	+	+	+	+
Ammonium Bromide	NH4Br+H2O	40	1.27		20	o	+	-	+	+	+	+	+	+	+	+	+
Ammonium Bromide	NH4Br+H2O	40			40	o	+	-	+	+	+	+	+	+	+	+	+
Ammonium Bromide	NH4Br+H2O	40			60	-	o	-	+	+	+	+	+	+	+	+	+
Ammonium Carbonate	(NH4)2CO3+H2O	25			20	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Carbonate	(NH4)2CO3+H2O	25			40	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Carbonate	(NH4)2CO3+H2O	25			60	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Chloride	NH4Cl+H2O	GL	1.07		20	+	+	-	+	+	+	+	+	+	+	+	+
Ammonium Chloride	NH4Cl+H2O	GL			40	+	+	-	+	+	+	+	+	+	+	+	+
Ammonium Chloride	NH4Cl+H2O	GL			60	o	+	-	+	+	+	+	+	+	+	+	+
Ammonium Fluoride	NH4F+H2O	14			20	o	+	-	+	+	+	+	+	+	+	+	+
Ammonium Fluoride	NH4F+H2O	14			40	o	+	-	+	+	+	+	+	+	+	+	+
Ammonium Fluoride	NH4F+H2O	14			60	-	+	-	+	+	+	+	+	+	o	+	+
Ammonium Fluosilicate	(NH4)SiF6+H2O	TR			20	+	+	-	+	+	+	+	+	+	+	+	+
Ammonium Hydrogen Fluoride	(NH4)HF2	50			20	o	o	-	+	+	+	+	+	-	+	+	+
Ammonium Hydrogen Fluoride	(NH4)HF2	50			40	-	o	-	+	+	+	+	o	-	-	+	+
Ammonium Hydrogen Fluoride	(NH4)HF2	50			60	-	o	-	+	+	+	+	o	-	-	+	+

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Ammonium Monophosphate	Ammonium Phosphate																
Ammonium Nitrate	NH4NO3+H2O	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Nitrate	NH4NO3+H2O	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Nitrate	NH4NO3+H2O	10			60	+	+	+	+	+	+	+	+	o	+	+	+
Ammonium Nitrate	NH4NO3+H2O	50	1.23		20	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Nitrate	NH4NO3+H2O	50			40	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Nitrate	NH4NO3+H2O	50			60	+	+	+	+	+	+	+	+	o	+	+	+
Ammonium Nitrate	NH4NO3+H2O	GL			20	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Nitrate	NH4NO3+H2O	GL			40	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Nitrate	NH4NO3+H2O	GL			60	+	+	+	+	+	+	+	+	o	+	+	+
Ammonium Oxalate	(COONH4)2 + H2O	TR	1.50		20	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Oxalate	(COONH4)2 + H2O	TR			40	+	+	+	o	+	+	+	+	+	+	+	+
Ammonium Oxalate	(COONH4)2 + H2O	TR			60	+	+	+	o	+	+	+	+	+	o	+	+
Ammonium Perchlorate	NH4ClO4+H2O	14	1.07		20	+	+	+	o	+	+	+	+	o	o	+	+
Ammonium Perchlorate	NH4ClO4+H2O	14			40	o	+	o	o	+	+	+	+	-	o	+	+
Ammonium Perchlorate	NH4ClO4+H2O	14			60	o	o	-	o	+	+	+	+	-	o	+	+
Ammonium Phosphate	NH4H2PO4+H2O	10			20	+	+	-	+	+	+	+	+	+	+	+	+
Ammonium Phosphate	NH4H2PO4+H2O	10			40	+	+	-	+	+	+	+	+	+	+	+	+
Ammonium Phosphate	NH4H2PO4+H2O	10			60	+	+	-	+	+	+	+	+	o	+	+	+
Ammonium Sulphate	(NH4)2SO4+H2O	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Sulphate	(NH4)2SO4+H2O	10			40	+	+	o	+	+	+	+	+	+	+	+	+
Ammonium Sulphate	(NH4)2SO4+H2O	10			60	+ [1)]	+	o	+ [1)]	+	+	o	+	o	+	+	+
Ammonium Sulphate	(NH4)2SO4+H2O	50	1.28		20	+	+	+	+	+	+	+	+	+	+	+	+
Ammonium Sulphate	(NH4)2SO4+H2O	50			40	+ [1)]	+	o	+ [1)]	+	+	o	+	+	+	+	+
Ammonium Sulphate	(NH4)2SO4+H2O	50			60	+ [1)]	+	o	+ [1)]	+	+	o	+	o	+	+	+
Ammonium Sulphate	(NH4)2SO4+H2O	GL	1.30		20	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Ammonium Sulphate	(NH4)2SO4+H2O	GL			40	+ [1)]	+	o	+ [1)]	+	+	o	+	+	+	+	+
Ammonium Sulphate	(NH4)2SO4+H2O	GL			60	+ [1)]	+	-	+ [1)]	+	+	-	+	o	+	+	+
Ammonium Sulphide	NH4S+H2O	10			20	+	+	-	+	+	+	+	+	+	+	+	+
Ammonium Sulphide	NH4S+H2O	10			40	+ [1)]	+	-	+ [1)]	+	+	o	+	o	+	+	+
Ammonium Sulphide	NH4S+H2O	10			60	+ [1)]	+	-	+ [1)]	+	+	o	+	o	+	+	+
Amyl Acetate	CH3-COOC5H11	TR	0.88	AII	20	+	+	+	o	+	+	+	-	-	o	+	+
Amyl Acetate	CH3-COOC5H11	TR			40	+	+	+	-	o	+	+	-	-	-	+	+
Amyl Acetate	CH3-COOC5H11	TR			60	+ [1)]	+	+	-	o	+	o	-	-	-	+	+
Amyl Alcohol	C5H11OH	TR	0.82	AII	20	+	+	+	+	+	+	+	+	+	+	+	+
Amyl Alcohol	C5H11OH	TR			40	+	+	o	+	+	+	+	+	o	+	+	+
Amyl Alcohol	C5H11OH	TR			60	+	+	o	+	+	+	+	o	o	+	+	+
Amyl Chloride	CH3(CH2)4Cl	TR	0.87	AI	20	o	+	-	+	+	+	+	+	o	+	+	+
Amyl Chloride	CH3(CH2)4Cl	TR			40	-	+	-	o	+	+	+	+	o	+	+	+
Amyl Chloride	CH3(CH2)4Cl	TR			60	-	o	-	o	+	+	o	o	o	o	+	+
Aniline	C6H5NH2	TR	1.01	AIII	20	+	+	+	o	+	+	+	+	-	o	+	+
Aniline	C6H5NH2	TR			40	+	+	+	-	o	+	+	o	-	-	+	+
Aniline	C6H5NH2	TR			60	+ [1)]	+	+	-	o	+	o	o	-	-	+	+
Anone	Cyclohexanone																
Aqua Regia	3HCl+HNO3				20	-	-	-	-	o	+	-	o	-	o	+	+
Aqua Regia	3HCl+HNO3				40	-	-	-	-	-	+	-	-	-	-	+	+
Aqua Regia	3HCl+HNO3				60	-	-	-	-	-	+	-	-	-	-	+	+
Arsenic Acid	H3ASO4	10			20	+	+	-	+	+	+	+	+	+	+	+	+

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Arsenic Acid	H3ASO4	10			40	+	+	-	+	+	+	+	+	+	+	+	+
Arsenic Acid	H3ASO4	10			60	+	+	-	+	+	+	+	+	+	+	+	+
Arsenic Acid	H3ASO4	80			20	+	+	-	+	+	+	+	+	+	+	+	+
Arsenic Acid	H3ASO4	80			40	+	+	-	+	+	+	+	+	+	+	+	+
Arsenic Acid	H3ASO4	80			60	+	+	-	+	+	+	+	+	+	+	+	+
Barium Chloride	BaCl2	10			20	-	+	o	+	+	+	+	+	+	+	+	+
Barium Chloride	BaCl2	10			40	-	+	o	+	+	+	+	+	+	+	+	+
Barium Chloride	BaCl2	25	1.27		20	o	+	o	+	+	+	+	+	+	+	+	+
Barium Chloride	BaCl2	25			40	o	+	o	+	+	+	+	+	+	+	+	+
Barium Hydroxide	Ba(OH)2	GL			20	+ [1)]	+	-	+ [1)]	+	+	o	+	+	+	+	+
Barium Hydroxide	Ba(OH)2	GL			40	+ [1)]	+	-	+ [1)]	+	+	o	+	+	+	+	+
Barium Hydroxide	Ba(OH)2	GL			60	+ [1)]	+	-	+ [1)]	o	+	o	+	+	+	+	+
Barium Sulphide	BaS	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Benzaldehyde	C6H5CHO		1.05		20	+ [1)]	+	+	o	+	+	o	+	o	o	+	+
Benzaldehyde	C6H5CHO				40	+ [1)]	+	+	o	o	+	o	+	o	o	+	+
Benzaldehyde	C6H5CHO				60	+ [1)]	+	+	-	o	+	-	+	o	o	+	+
Benzaldehyde	C6H5CHO	30			20	+ [1)]	+	o	-	+	+	o	+	-	-	+	+
Benzaldehyde	C6H5CHO	TR	1.05	AIII	20	+	+	o	o	+	+	+	o	-	o	+	+
Benzene	C6H6	TR	0.88	AI	20	+	+	+	-	+	+	+	+	-	-	+	+
Benzoic Acid	C6H5COOH	10	1.27		20	+	+	+	+	+	+	+	+	-	-	+	+
Benzoic Acid	C6H5COOH	10			40	+	+	o	+	+	+	+	+	-	-	+	+
Benzoic Acid	C6H5COOH	10			60	+	+	o	o	+	+	+	+	-	-	+	+
Benzyl Alcohol	C6H5-CH2OH	TR	1.04		20	+	+	+	+	+	+	+	o	-	+	+	+
Benzyl Alcohol	C6H5-CH2OH	TR			40	+	+	+	+	+	+	+	o	-	o	+	+
Benzyl Alcohol	C6H5-CH2OH	TR			60	+	+	+	o	+	+	+	o	-	o	+	+
Benzyl Chloride	C6H5-CH2Cl		1.11	AIII	20	+	+	-	-	+	+	+	+	-	-	+	+
Benzyl Chloride	C6H5-CH2Cl				40	+	+	-	-	+	+	+	+	-	-	+	+
Benzyl Chloride	C6H5-CH2Cl				60	+	+	-	-	o	+	+	+	-	-	+	+
Bitter Almond Oil	Benzaldehyde																
Bitter Salt	Magnesium Sulphate																
Bleaching Solution	Sodium Hypochlorite																
Blue Vitriol	Copper Sulphate																
Borax	Na2B4O7+10 H20	10	1.03		20	+	+	-	+	+	+	+	+	+	+	+	+
Borax	Na2B4O7+10 H20	10			40	+	+	-	+	+	+	+	+	+	+	+	+
Borax	Na2B4O7+10 H20	10			60	+	+	-	+	+	+	+	+	+	+	+	+
Borax	Na2B4O7+10 H20	GL			20	+	+	-	+	+	+	+	+	+	+	+	+
Borax	Na2B4O7+10 H20	GL			40	+	+	-	+	+	+	+	+	+	+	+	+
Borax	Na2B4O7+10 H20	GL			60	+	+	-	+	+	+	+	+	+	+	+	+
Boric Acid	H3BO3+H2O	10	1.01		20	+	+	+	+	+	+	+	+	+	+	+	+
Boric Acid	H3BO3+H2O	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Boric Acid	H3BO3+H2O	10			60	+	+	+	+	+	+	+	+	+	+	+	+
Boric Acid	H3BO3+H2O	GL			20	+	+	-	+	+	+	+	+	+	+	+	+
Boric Acid	H3BO3+H2O	GL			40	+	+	-	+	+	+	+	+	+	+	+	+
Boric Acid	H3BO3+H2O	GL			60	+	+	-	+	+	+	+	+	+	+	+	+
Boron Trifluoride	BF3+H2O	10			20	o	o	-	+	+	+	+	+	+	+	+	+
Brake Fluid	Glycol Ether					+	+	+	+	+	+	+	-	-	+	+	+
Bromic Acid	HBrO3	10			20	o	+	-	+ [1)]	+	+	o	+	-	+	+	+
Bromic Acid	HBrO3	10			40	-	+	-	+ [1)]	+	+	o	+	-	+	+	+

TR = technically pure, GL = saturated solution, H = commercial composition
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macnaught
M-SERIES

Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Bromic Acid	HBrO3	10			60	-	+	-	o	+	+	o	+	-	o	+	+
Bromine	Br2	TR	3.19		20	-	+	-	-	+	+	-	o	-	-	+	+
Butane Carbonic Acid	Butyric Acid																
Butane Diol	HO(CH2)4OH	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Butane Diol	HO(CH2)4OH	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Butane Diol	HO(CH2)4OH	10			60	+	+	+	+	+	+	+	+	+	+	+	+
Butane Diol	HO(CH2)4OH	TR			20	+	+	+	o	+	+	+	+	-	+	+	+
Butane Diol	HO(CH2)4OH	TR			40	+	+	o	o	+	+	+	+	-	+	+	+
Butane Diol	HO(CH2)4OH	TR			60	+	+	-	o	+	+	+	o	-	+	+	+
Butane Triol	C4H10O3	TR			20	+	+	-	+	+	+	+	o	+	+	+	+
Butanol	C4H9OH	TR	0.81	All	20	+	+	+	+	+	+	+	+	+	+	+	+
Butanol	C4H9OH	TR			40	+	+	+	o	+	+	o	o	+	+	+	+
Butanol	C4H9OH	TR			60	+	+	+	o	+	+	-	o	+	+	+	+
Butanone (MEK)	C4H8O	TR	0.81	Al	20	+	+	-	+	-	+	o	-	-	+	+	+
Butanone (MEK)	C4H8O	TR			40	+	+	-	o	-	+	-	-	-	o	+	+
Butanone (MEK)	C4H8O	TR			60	+	+	-	o	-	+	-	-	-	o	+	+
Butenal, trans-2-	Propylene Aldehyde																
Butyl Acetate	C6H12O2	TR	0.88	All	20	+ [1)]	+	+	o	+	+	+	o	-	+	+	+
Butyl Acrylate	C5H8O2	TR		Al	20	+	+	o	-	o	+	+	-	-	o	+	+
Butyl Alcohol	Butanol																
Butyl Chloride	C4H9Cl	TR	0.89	Al	20	o	+	-	+	+	+	+	-	-	-	+	+
Butyl Chloride	C4H9Cl	TR			40	o	+	-	+ [1)]	+	+	o	-	-	-	+	+
Butyl Chloride	C4H9Cl	TR			60	o	+	-	+ [1)]	+	+	o	-	-	-	+	+
Butyl Ether	Dibutyl Ether																
Butyl Phenol	HOC6H4C(CH3)3	TR			20	+	+	-	+	+	+	+	o	-	-	+	+
Butyric Acid	C3H7COOH	20	0.88		20	+	+	+	-	+	+	+	+	-	+	+	+
Butyric Acid	C3H7COOH	TR	0.96		20	+	+	+	-	+	+	+	o	-	o	+	+
Calcium Bisulphite	Ca(HSO3)2	10			20	+ [1)]	+	o	+ [1)]	+	+	o	+	-	+	+	+
Calcium Bisulphite	Ca(HSO3)2	GL			20	+ [1)]	+	o	+ [1)]	+	+	-	+	-	+	+	+
Calcium Bisulphite	Ca(HSO3)2	GL			40	+ [1)]	+	o	+ [1)]	+	+	-	+	-	+	+	+
Calcium Bisulphite	Ca(HSO3)2	GL			60	+ [1)]	+	o	+ [1)]	+	+	-	+	-	+	+	+
Calcium Chlorate	CaClO3+H2O	10			20	+	+	o	+	+	+	+	+	+	+	+	+
Calcium Chloride	CaCl2+H2O	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Calcium Chloride	CaCl2+H2O	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Calcium Chloride	CaCl2+H2O	10			60	o	o	+	+	+	+	+	+	+	+	+	+
Calcium Chloride	CaCl2+H2O	GL	1.40		20	+	+	o	+	+	+	+	+	+	+	+	+
Calcium Chloride	CaCl2+H2O	GL			40	+	+	o	+	+	+	+	+	+	+	+	+
Calcium Chloride	CaCl2+H2O	GL			60	o	+	o	+	+	+	+	+	+	+	+	+
Calcium Hydroxide	Ca(OH)2	15			20	+	+	-	+	+	+	+	+	+	+	+	+
Calcium Hydroxide	Ca(OH)2	15			40	+	+	-	+	+	+	+	+	+	+	+	+
Calcium Hydroxide	Ca(OH)2	15			60	+	+	-	+	+	+	+	+	o	+	+	+
Calcium Hypochlorite	Ca(OCl)2	10			20	o	+	-	+ [1)]	+	+	o	+	+	+	+	+
Calcium Hypochlorite	Ca(OCl)2	10			40	o	+	-	+ [1)]	+	+	o	+	o	+	+	+
Calcium Hypochlorite	Ca(OCl)2	10			60	-	o	-	+ [1)]	+	+	o	+	-	+	+	+
Calcium Nitrate	Ca(NO3)2	50	1.48		20	+	+	+	+	+	+	+	+	+	+	+	+
Calcium Nitrate	Ca(NO3)2	50			40	+	+	+	+	+	+	+	+	+	+	+	+
Camphor	C10H16O				20	+	+	+	+	+	+	+	o	+	o	+	+
Camphor	C10H16O				40	+	+	+	+	+	+	+	o	o	o	+	+

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Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Camphor	C10H16O				60	+	+	+	+	+	+	+	o	o	o	+	+
Caprylic Acid	CH3(CH2)6 COOH		0.92		20	+ [1)]	+	-	+ [1)]	+	+	o	+	-	+	+	+
Caprylic Acid	CH3(CH2)6 COOH				40	+ [1)]	+	-	o	+	+	o	+	-	o	+	+
Caprylic Acid	CH3(CH2)6 COOH				60	+ [1)]	+	-	-	+	+	o	o	-	-	+	+
Carbamide	Urea																
Carbolic Acid	Phenol																
Carbon Bisulfide	CS2	TR	1.27	AI	20	+ [1)]	+	+	+ [1)]	+	+	o	+	-	o	+	+
Carbon Bisulfide	CS2	TR			40	+ [1)]	+	+	o	+	+	o	+	-	-	+	+
Carbon Bisulfide	CS2	TR			60	+	+	+	o	+	+	-	+	-	-	+	+
Carbon Disulfide	Carbon Bisulfide																
Carbon Tetrachloride	Tetrachloromethane																
Carbonic Acid	Fatty Acids																
Caster Oil	Ricinus Oil																
Caustic Baryta	Barium Hydroxide																
Caustic Potash Solution	Potassium Hydroxide																
Caustic Soda	Sodium Hydroxide																
Cellosolve	Ethyl Glycol																
Chloric Acid	HClO3	10			20	o	+	-	+ [1)]	+	+	-	+	-	+	+	+
Chloric Acid	HClO3	10			40	o	o	-	+ [1)]	+	+	-	+	-	+	+	+
Chloric Acid	HClO3	10			60	o	o	-	o	+	+	-	+	-	+	+	+
Chlorinated Diphenyl	C12H9Cl	TR			20	+ [1)]	+	+	-	+	+	o	+	-	-	+	
Chlorine Bleaching	Sodium Hypochlorite																
Chlorine Water	Cl2 + H2O	GL			20	o	+	-	o	+	+	o	-	-	+	+	+
Chlorine Water	Cl2 + H2O	GL			40	o	+	-	o	+	+	o	-	-	+	+	+
Chlorine Water	Cl2 + H2O	GL			60	o	o	-	o	+	+	-	-	-	o	+	+
Chloroacetic Acid	C2H3ClO2	85	1.36		20	-	+	-	+ [1)]	+	+	o	+	-	+	+	+
Chloroacetic Acid	C2H3ClO2	85			40	-	o	-	+ [1)]	+	+	-	+	-	+	+	+
Chloroacetic Acid	C2H3ClO2	85			60	-	o	-	+ [1)]	+	+	-	+	-	+	+	+
Chloroacetic Acid	C2H3ClO2	98			20	-	+	-	+ [1)]	+	+	o	+	-	+	+	+
Chloroacetic Acid	C2H3ClO2	98			40	-	o	-	+ [1)]	+	+	-	+	-	+	+	+
Chloroacetic Acid	C2H3ClO2	98			60	-	o	-	+ [1)]	+	+	-	+	-	+	+	+
Chlorobenzene	C6H5Cl	TR	1.11	AII	20	+	+	+	o	+	+	+	+	-	-	+	+
Chlorobenzene	C6H5Cl	TR			40	+	+	+	o	+	+	+	-	-	-	+	+
Chlorobenzene	C6H5Cl	TR			60	+	+	+	-	+	+	+	-	-	-	+	+
Chlorobutane	Butyl Chloride																
Chloroethane	C2H5Cl	TR	0.92		20	+	+	+	-	+	+	+	o	-	o	+	+
Chloroethanol	ClH2C-CH2OH	TR	1.20		20	+ [1)]	+	-	+ [1)]	+	+	o	-	+	o	+	+
Chloroethanol	ClH2C-CH2OH	TR			40	+ [1)]	+	-	+ [1)]	o	+	o	-	o	o	+	+
Chloroethanol	ClH2C-CH2OH	TR			60	+ [1)]	+	-	+ [1)]	o	+	o	-	-	o	+	+
Chloroethene	Trichloreethane																
Chloroform	CHCl3	TR	1.48		20	+ [1)]	+	-	o	+	+	-	o	-	-	+	+
Chlorosulfonic Acid	HOSO2Cl	TR	1.77		20	+ [1)]	+	-	-	-	+	-	o	-	-	+	+
Chlorotoluene	Benzyl Chloride																
Chromic Acid	CrO3+H2O	30			20	o	+	-	o	+	+	o	+	-	-	+	+
Chromic Acid	CrO3+H2O	50			20	o	o	-	-	+	+	o	+	-	-	+	+
Chromic Acid	CrO3+H2O	50			40	o	o	-	-	+	+	-	+	-	-	+	+
Chromic Acid	CrO3+H2O	50			60	o	o	-	-	+	+	-	+	-	-	+	+
Chromic-Sulfuric-Acid-Mixture	H2SO4+H2O+CrO3	50			20	o	o	-	o	+	+	-	+	-	-	+	+

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macnaught
M-SERIES

Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Chromic-Sulfuric-Acid-Mixture	H2SO4+H2O+CrO3	50			40	o	o	-	-	+	+	-	+	-	-	+	+
Chromic-Sulfuric-Acid-Mixture	H2SO4+H2O+CrO3	50			60	o	o	-	-	+	+	-	+	-	-	+	+
Chromium Trioxide	Chromic Acid																
Citric Acid	C6H8O7	50	1.22		20	+	+	-	+	+	+	+	+	+	+	+	+
Citric Acid	C6H8O7	50			40	o	+	-	+	+	+	+	+	+	+	+	+
Citric Acid	C6H8O7	50			60	o	+	-	+	+	+	+	+	+	+	+	+
Clophene	Chlorinated Diphenyl																
Clove Oil	Essential Oils																
Copper Acetate	(CH3CO2)2Cu	50			20	+	+	-	+	+	+	+	+	+	+	+	+
Copper Acetate	(CH3CO2)2Cu	50			40	+	+	-	+	+	+	+	+	+	+	+	+
Copper Acetate	(CH3CO2)2Cu	50			60	+	+	-	+	+	+	+	+	o	+	+	+
Copper Nitrate	Cu(NO3)2	25	1.25		20	+	+	+	o	+	+	+	+	+	+	+	+
Copper Nitrate	Cu(NO3)2	25			40	+	+	+	o	+	+	+	+	+	+	+	+
Copper Nitrate	Cu(NO3)2	25			60	+	+	+	o	+	+	+	+	o	+	+	+
Copper Sulphate	CuSO4	18	1.21		20	+	+	-	+	+	+	+	+	+	+	+	+
Copper Sulphate	CuSO4	18			40	+	+	-	+	+	+	+	+	+	+	+	+
Copper Sulphate	CuSO4	18			60	+	+	-	+	+	+	+	+	+	+	+	+
Copper Sulphate	CuSO4	GL			20	+	+	-	o	+	+	+	+	+	+	+	+
Copper Sulphate	CuSO4	GL			40	+	+	-	o	+	+	+	+	+	+	+	+
Copper Sulphate	CuSO4	GL			60	+	+	-	o	+	+	+	+	o	+	+	+
Corn Oil		TR			20	+	+	-	+	+	+	+	+	+	+	+	+
Corn Oil		TR			40	+	+	-	+	+	+	+	+	+	o	+	+
Corn Oil		TR			60	+	+	-	o	+	+	+	+	+	-	+	+
Crotonaldehyde	Propylenaldehyd																
Cupric Chloride	CuCl2	20	1.21		20	o	+	-	+	+	+	+	+	+	+	+	+
Cupric Chloride	CuCl2	20			40	o	+	-	+	+	+	+	+	+	+	+	+
Cupric Chloride	CuCl2	20			60	o	+	-	+	+	+	+	+	+	+	+	+
Cuprous Chloride	CuCl	10			20	o	+	-	+	+	+	+	+	+	+	+	+
Cuprous Chloride	CuCl	10			40	o	+	-	+	+	+	+	+	+	+	+	+
Cuprous Chloride	CuCl	10			60	o	+	-	+	+	+	+	+	+	+	+	+
Cyclohexane	C6H12	TR	0.78	AI	20	+	+	+	+	+	+	+	+	+	-	+	+
Cyclohexane	C6H12	TR			40	+	+	+	+	+	+	+	+	+	-	+	+
Cyclohexane	C6H12	TR			60	+	+	+	o	+	+	+	o	-	-	+	+
Cyclohexanol	C6H12O	TR	0.94	AIII	20	+	+	-	+	+	+	+	o	o	o	+	+
Cyclohexanol	C6H12O	TR			40	+	+	-	+	+	+	+	o	o	o	+	+
Cyclohexanone	C6H10O	TR	0.95	AII	20	+	+	+	+	+	+	+	-	-	o	+	+
Decahydronaphtalin	Decaline																
Decaline	C10H18	TR	0.88	AIII	20	+	+	+	o	+	+	+	+	o	-	+	+
Decaline	C10H18	TR			40	+ [1)]	+	+	o	+	+	o	+	o	-	+	+
Decaline	C10H18	TR			60	+ [1)]	+	+	o	+	+	o	+	o	-	+	+
Dextrin	C6H10O5+H2O	18			20	+	+	+	+	+	+	+	+	+	+	+	+
Dextrin	C6H10O5+H2O	18			40	+	+	+	+	+	+	+	+	o	+	+	+
Dextrin	C6H10O5+H2O	18			60	+	+	+	+	+	+	+	+	o	+	+	+
Dextrin	C6H10O5+H2O	GL			20	+	+	+	+	+	+	+	+	+	+	+	+
Diacetone Alcohol	(CH3)2C(OH)CH2COCH3	TR		B	20	+	+	-	-	+	+	+	+	-	+	+	+
Diacetone Alcohol	(CH3)2C(OH)CH2COCH3	TR			40	+	+	-	-	+	+	+	+	-	+	+	+
Diacetone Alcohol	(CH3)2C(OH)CH2COCH3	TR			60	+	+	-	-	+	+	+	+	-	+	+	+
Diamide	Hydrazine																

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Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Dibromoethane	Ethylene Bromide																
Dibutyl Ether	C8H18O	TR	0.77	AII	20	+ [1)]	+	-	o	+	+	o	-	+	o	+	
Dibutyl Ether	C8H18O	TR			40	+ [1)]	+	-	-	+	+	-	-	o	o	+	
Dibutyl Ether	C8H18O	TR			60	+ [1)]	+	-	-	+	+	-	-	-	o	+	
Dibutyl Phtalate	C6H4(CO2C4H9)2	TR	1.05		20	+	+	+	+	+	+	+	o	-	o	+	+
Dibutyl Phtalate	C6H4(CO2C4H9)2	TR			40	+ [1)]	+	+	o	+	+	+	-	-	-	+	+
Dibutyl Phtalate	C6H4(CO2C4H9)2	TR			60	+ [1)]	+	+	o	o	+	+	-	-	-	+	+
Dibutyl Sebacate	C18H34O4	TR	0.94		20	+ [1)]	+	-	+ [1)]	+	+	o	o	-	-	+	+
Dibutyl Sebacate	C18H34O4	TR			40	+ [1)]	+	-	+ [1)]	+	+	o	o	-	-	+	+
Dibutyl Sebacate	C18H34O4	TR			60	+ [1)]	+	-	+ [1)]	+	+	o	o	-	-	+	+
Dichloro Acetic Acid	CHCl2CO2H	TR	1.56		20	-	+	-	+ [1)]	+	+	-	o	-	+	+	+
Dichloro Acetic Acid	CHCl2CO2H	TR			40	-	o	-	+ [1)]	+	+	-	o	-	+	+	+
Dichloro Acetic Acid	CHCl2CO2H	TR			60	-	o	-	o	+	+	-	-	-	o	+	+
Dichlorodifluorine-Methane	CF2Cl2	TR	1.32		20	+	+	-	-	+	+[1)]	+	o	o	o	+	+
Dichloroethane	Chloroethane																
Dichloroethylene 1,1	C2H2Cl2	TR	1.22	AI	20	+ [1)]	+	-	o	+	+	-	+	+	-	+	+
Dichloroethylene 1,1	C2H2Cl2	TR			40	+ [1)]	+	-	o	+	+	-	+	+	-	+	+
Dichloroethylene 1,1	C2H2Cl2	TR			60	+ [1)]	+	-	o	+	+	-	+	+	-	+	+
Dichloromethane	Methylene Chloride																
Diesel Fuel		H		AIII	20	+	+	+	o	+	+	+	+	+	-	+	+
Diesel Fuel		H			40	+	+	+	o	+	+	+	+	+	-	+	+
Diesel Fuel		H			60	+	+	+	-	+	+	+	+	+	-	+	+
Diethanolamine	HN(CH2CH2OH)2		1.10		20	+	+	-	+	o	+	+	o	-	+	+	+
Diethanolamine	HN(CH2CH2OH)2				40	+ [1)]	+	-	+ [1)]	o	+	o	o	-	+	+	+
Diethanolamine	HN(CH2CH2OH)2				60	+ [1)]	+	-	+ [1)]	-	+	o	o	-	+	+	+
Diethyl Ether	Ether																
Diethylamine	C4H11N	10	0.70	B	20	+ [1)]	+	+	+ [1)]	o	+	-	-	-	+	+	+
Diethylcellosolve	Ethyl Glycol																
Diethylene Oxide	Tetrahydrofurane																
Diglycolic Acid	C4H6O6	30			20	+ [1)]	+	-	+ [1)]	+	+	-	+	o	+	+	+
Diglycolic Acid	C4H6O6	30			40	+ [1)]	+	-	+ [1)]	+	+	-	+	o	o	+	+
Diglycolic Acid	C4H6O6	30			60	+ [1)]	+	-	+ [1)]	+	+	-	+	o	o	+	+
Diglycolic Acid	C4H6O6	GL			20	+ [1)]	+	-	+ [1)]	+	+	-	+	o	+	+	+
Diisobutyl Ketone	C9H18O	TR			20	+	+	-	+	+	+	+	+	-	+	+	+
Diisobutyl Ketone	C9H18O	TR			40	+	+	-	+	+	+	+	-	-	+	+	+
Diisobutyl Ketone	C9H18O	TR			60	+	+	-	+	+	+	+	-	-	+	+	+
Diisopropyl Ether	Isopropyl Ether																
Dimethyl Benzene	Xylene																
Dimethyl Formamide (DMF)	C3H7NO	TR	0.95		20	+	+	-	+	-	+	+	-	o	+	+	+
Dimethyl Formamide (DMF)	C3H7NO	TR			40	+	+	-	+	-	+	+	-	-	+	+	+
Dimethyl Formamide (DMF)	C3H7NO	TR			60	+	+	-	+	-	+	+	-	-	+	+	+
Dimethyl Phtalate (DMP)	C6H4(COOCH3)2	TR			20	+	+	-	+	+	+	+	-	-	-	+	+
Dimethyl Phtalate (DMP)	C6H4(COOCH3)2	TR			40	+	+	-	+	+	+	+	-	-	-	+	+
Dimethyl Phtalate (DMP)	C6H4(COOCH3)2	TR			60	+	+	-	+	+	+	+	-	-	-	+	+
Dimethylamine	(CH3)2NH	TR	0.73		20	+	+	-	+	o	+	+	o	-	o	+	
Dinonyl Phtalate	C26H42O4	TR			20	+	+	-	+	+	+	+	-	-	-	+	+
Dinonyl Phtalate	C26H42O4	TR			30	+	+	-	+	+	+	+	-	-	-	+	+
Dioctyl Phtalate	C24H38O4	TR			20	+	+	-	o	+	+	+	+	-	-	+	+

TR = technically pure, GL = saturated solution, H = commercial composition
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Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Dioctyl Phtalate	C24H38O4	TR			40	+	+	-	o	+	+	+	+	-	-	+	+
Dioctyl Phtalate	C24H38O4	TR			60	+	+	-	o	o	+	+	+	-	-	+	+
Dioxane	C4H8O2	TR	1.03	B	20	+	+	+	-	+	+	+	-	o	+	+	+
Dioxane	C4H8O2	TR			40	+	+	+	-	o	+	+	-	-	+	+	+
Dioxane	C4H8O2	TR			60	+ [1)]	+	+	-	-	+	o	-	-	+	+	+
DMF	Dimethyl Formamide																
DMP	Dimethyl Phthalate																
Eau de Javel	Sodium Hypochlorite																
Epichlorhydrine	H2C-O-CH-CH2Cl			All	20	o	+	-	+	+	+	+	-	-	-	+	+
Epichlorhydrine	H2C-O-CH-CH2Cl				40	o	+	-	+	+	+	+	-	-	-	+	+
Epichlorhydrine	H2C-O-CH-CH2Cl				60	o	+	-	+	+	+	+	-	-	-	+	+
Essential Oils					20	+	+	+	+	+	+	+	+	-	-	+	+
Essential Oils					40	+	+	+	+	+	+	+	o	-	-	+	+
Essential Oils					60	+	+	+	+	+	+	+	-	-	-	+	+
Ethanal	Acetaldehyde																
Ethane Dicarboxylic Acid	C4H6O4	50	1.06		20	+	+	-	+	+	+	+	+	+	+	+	+
Ethane Dicarboxylic Acid	C4H6O4	50			40	+	+	-	+	+	+	+	+	+	+	+	+
Ethane Dicarboxylic Acid	C4H6O4	50			60	+	+	-	+	+	+	+	+	+	+	+	+
Ethanol	CH3-CH2-OH	TR	0.79	B	20	+	+	+	+	+	+	+	+	+	+	+	+
Ethanol	CH3-CH2-OH	TR			40	+	+	+	+	+	+	+	o	+	+	+	+
Ethanol	CH3-CH2-OH	TR			60	+	+	+	+	+	+	+	o	+	+	+	+
Ether	(C2H5)2O	TR	0.71	AI	20	+	+	+	-	+	+	+	o	o	o	+	+
Ethyl Acetate	H3C-COOC2H5	TR	0.90	AI	20	+	+	+	o	o	+	+	-	-	o	+	+
Ethyl Acetate	H3C-COOC2H5	TR			40	+	+	+	-	o	+	+	-	-	o	+	+
Ethyl Acetate	H3C-COOC2H5	TR			60	+	+	+	-	o	+	+	-	-	-	+	+
Ethyl Alcohol	Ethanol																
Ethyl Benzene	C6H5-C2H5	TR	0.87	All	20	+ [1)]	+	+	o	+	+	-	o	-	-	+	+
Ethyl Benzene	C6H5-C2H5	TR			40	+ [1)]	+	+	-	+	+	-	-	-	-	+	+
Ethyl Benzene	C6H5-C2H5	TR			60	+ [1)]	+	+	-	+	+	-	-	-	-	+	+
Ethyl Chloracetate	ClH2C-CO-OC2H5			All	20	o	+	-	+	o	+	+	-	-	+	+	+
Ethyl Chloracetate	ClH2C-CO-OC2H5				40	o	+	-	+	o	+	+	-	-	+	+	+
Ethyl Chloracetate	ClH2C-CO-OC2H5				60	o	+	-	+	o	+	+	-	-	+	+	+
Ethyl Chloride	Chloroethane																
Ethyl Dichloride	H3 C-CHCl2		1.20	AI	20	+	+	+	o	+	+	+	+	o	o	+	+
Ethyl Dichloride	H3 C-CHCl2				40	+	+	+	o	+	+	+	+	-	o	+	+
Ethyl Dichloride	H3 C-CHCl2				60	+	+	+	-	+	+	+	o	-	-	+	+
Ethyl Ether	Ether																
Ethyl Fluid	Lead Tetraethyl																
Ethyl Glycol	C2H5-O-CH2-HC2OH	TR	0.93	All	20	+	+	-	-	+	+	+	+	+	-	+	+
Ethyl Glycol	C2H5-O-CH2-HC2OH	TR			40	+	+	-	-	+	+	+	+	+	-	+	+
Ethyl Glycol	C2H5-O-CH2-HC2OH	TR			60	+	+	-	-	+	+	+	+	+	-	+	+
Ethylene Bromide	CH2Br-CH2Br	TR	2.18		20	+ [1)]	+	+	+ [1)]	o	+	o	+	o	o	+	+
Ethylene Bromide	CH2Br-CH2Br	TR			40	+ [1)]	+	+	o	o	+	o	+	-	o	+	+
Ethylene Bromide	CH2Br-CH2Br	TR			60	+ [1)]	+	+	-	o	+	o	o	-	-	+	+
Ethylene Chlorhydrine	Chloroethanol																
Ethylene Diamine	H2N-CH2-CH2-NH2	TR	0.98		20	+	+	+	+	+	+	+	o	o	+	+	+
Ethylene Diamine	H2N-CH2-CH2-NH2	TR			40	+	+	+	+	+	+	+	o	o	+	+	+
Ethylene Diamine	H2N-CH2-CH2-NH2	TR			60	+	+	+	+	+	+	+	-	-	+	+	+

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Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Ethylene Dicarboxylic Acid	Maleic Acid																
Ethylene Glycol	C2H6O2	TR	1.11		20	+	+	+	+	+	+	+	+	+	+	+	+
Ethylene Glycol	C2H6O2	TR			40	+	+	+	+	+	+	+	+	+	+	+	+
Ethylene Glycol	C2H6O2	TR			60	+	+	+	+	+	+	+	+	+	+	+	+
Fatty Acids	C17H33CO2H	100	0.90		20	+	+	-	o	+	+	+	+	o	-	+	+
Fatty Acids	C17H33CO2H	100			40	+	+	-	o	+	+	+	+	-	-	+	+
Fatty Acids	C17H33CO2H	100			60	+	+	-	o	+	+	+	+	-	-	+	+
Ferric Sulphate	Fe2(SO4)3	50	1.61		20	+	+	-	+	+	+	+	+	+	+	+	+
Ferric Sulphate	Fe2(SO4)3	50			40	+	+	-	+	+	+	+	+	+	+	+	+
Ferric Sulphate	Fe2(SO4)3	50			60	+	+	-	+	+	+	+	+	+	+	+	+
Ferrichloride	FeCl3+H2O	50	1.55		20	-	+	-	+	+	+	+	+	+	+	+	+
Ferrichloride	FeCl3+H2O	50			40	-	o	-	+	+	+	+	+	+	+	+	+
Ferrichloride	FeCl3+H2O	50			60	-	-	-	+	+	+	+	+	+	+	+	+
Ferro	Ferrous Nitrate																
Ferrochloride	FeCl2+H2O	10	1.09		20	+	+	-	+	+	+	+	+	+	+	+	+
Ferrochloride	FeCl2+H2O	10			40	o	+	-	+	+	+	+	+	+	+	+	+
Ferrochloride	FeCl2+H2O	10			60	o	o	-	+	+	+	+	+	+	+	+	+
Ferrochloride	FeCl2+H2O	50			20	+	+	-	+	+	+	+	+	+	+	+	+
Ferrochloride	FeCl2+H2O	50			40	o	+	-	+	+	+	+	+	+	+	+	+
Ferrochloride	FeCl2+H2O	50			60	o	+	-	+	+	+	+	+	+	+	+	+
Ferrocyanide of Potassium	Potassium Ferrocyanide																
Ferro-Gallic-Inc	Ink																
Ferrosulphate	FeSO4	20	1.21		20	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Ferrosulphate	FeSO4	20			40	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Ferrosulphate	FeSO4	20			60	+ [1)]	+	+	+ [1)]	+	+	-	+	+	+	+	+
Ferrous Nitrate	Fe(NO3)2	TR			20	+	+	-	+	+	+	+	+	+	+	+	+
Ferrous Nitrate	Fe(NO3)2	TR			40	+	+	-	+	+	+	+	+	+	+	+	+
Ferrous Nitrate	Fe(NO3)2	TR			60	+	+	-	+	+	+	+	+	+	+	+	+
Finger Nail Polish Remover	Acetone																
Flourammon	Ammonium Fluoride																
Formaldehyde	CH2O+H2O	10			20	+	+	-	+	+	+	+	+	+	+	+	+
Formaldehyde	CH2O+H2O	10			40	+	+	-	+	+	+	+	+	o	+	+	+
Formaldehyde	CH2O+H2O	10			60	+	+	-	+	+	+	+	+	-	+	+	+
Formaldehyde	CH2O+H2O	35	1.10	AIII	20	+	+	-	+	+	+	+	+	-	+	+	+
Formaldehyde	CH2O+H2O	40		AIII	20	+	+	-	+	+	+	+	+	o	+	+	+
Formalin	Formaldehyde																
Formamide	HCONH2	100			20	+	+	+	+	+	+	+	o	+	+	+	+
Formamide	HCONH2	100			40	+	+	+	+	+	+	+	-	o	+	+	+
Formamide	HCONH2	100			60	+	+	+	+	+	+	+	-	-	+	+	+
Formic Acid	HCOOH	50			20	+	+	-	+	+	+	+	+	-	+	+	+
Formic Acid	HCOOH	50			40	+	+	-	o	+	+	+	+	-	o	+	+
Formic Acid	HCOOH	50			60	o	+	-	-	+	+	+	o	-	o	+	+
Formic Acid	HCOOH	85	1.22	AII	20	+	+	-	+	+	+	+	-	-	+	+	+
Formic Acid	HCOOH	85		AII	40	o	+	-	o	+	+	+	-	-	+	+	+
Formic Acid	HCOOH	85		AII	60	o	+	-	-	+	+	+	-	-	+	+	+
Freon 12	Dichlorodiflourine-Methane																
Fruit Juice		H			20	+	+	o	+	+	+	+	+	+	+	+	+
Fruit Juice		H			40	+	+	o	+	+	+	+	+	+	+	+	+

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Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Fruit Juice		H			60	+	+	o	+	+	+	+	+	+	+	+	+
Fuel Oil		H		AIII	20	+	+	+	+	+	+	+	+	+	+	+	+
Fuel Oil		H			40	+	+	+	o	+	+	+	+	+	o	+	+
Fuel Oil		H			60	+	+	+	o	+	+	+	+	+	-	+	+
Furfuryl Alcohol	C5H6O2	TR	1.13	AIII	20	+	+	+	+	+	+	+	o	-	+	+	+
Furfuryl Alcohol	C5H6O2	TR			40	+	+	+	o	+	+	+	-	-	+	+	+
Furfuryl Alcohol	C5H6O2	TR			60	+	+	+	o	o	+	+	-	-	+	+	+
Gallic Acid	C6H2(OH)3CO2H	50			20	+ [1)]	+	-	+ [1)]	+	+	-	+	+	+	+	+
Gallotannic Acid	Tannic Acid																
Glacial Acetic Acid	Acetic Acid 100 %																
Glauber's Salt	Sodium sulphate																
Gluconic Acid	C6H12O7				20	+	+	-	+	+	+	+	+	+	+	+	+
Gluconic Acid	C6H12O7				40	+	+	-	+	+	+	+	+	+	+	+	+
Gluconic Acid	C6H12O7				60	+	+	-	+	+	+	+	+	o	+	+	+
Glucose	Glucose solution																
Glucose Solution	C6H12O6	GL	1.13		20	+	+	+	+	+	+	+	+	+	+	+	+
Glucose Solution	C6H12O6	GL			40	+	+	+	+	+	+	+	+	+	+	+	+
Glucose Solution	C6H12O6	GL			60	+	+	+	+	+	+	+	+	+	+	+	+
Glycerine	C3H8O3	TR	1.26		20	+	+	+	+	+	+	+	+	o	+	+	+
Glycerine	C3H8O3	TR			40	+	+	+	+	+	+	+	+	o	+	+	+
Glycerine	C3H8O3	TR			60	+	+	+	+	+	+	+	+	o	+	+	+
Glycol	Ethylene Glycol																
Glycolic Acid	C2H4O3	37			20	+	+	-	+	+	+	+	+	+	+	+	+
Glycolic Acid	C2H4O3	70			20	+	+	-	+	+	+	+	+	-	+	+	+
Glycolic Acid	C2H4O3	70			40	+	+	-	o	o	+	+	o	-	o	+	+
Glycolic Acid	C2H4O3	70			60	+	+	-	-	o	+	+	o	-	-	+	+
Glycose	Glycerine																
Heptane	C7H16	TR	0.68	AI	20	+	+	+	+	+	+	+	+	+	-	+	+
Heptane	C7H16	TR			40	+	+	+	+	+	+	+	+	+	-	+	+
Heptane	C7H16	TR			60	+	+	+	o	+	+	+	+	+	-	+	+
Hexahydrobenzene	Cyclohexane																
Hexalin	Cyclohexanol																
Hexamethylenetetramine	(CH2)6N4	10			20	+	+	+	-	+	+	+	o	-	-	+	+
Hexamethylenetetramine	(CH2)6N4	10			40	+	+	+	-	+	+	+	-	-	-	+	+
Hexamethylenetetramine	(CH2)6N4	10			60	+	+	+	-	o	+	+	-	-	-	+	+
Hexamine	Hexamethylenetetramine																
Hexane	C6H14	TR		AI	20	+	+	+	+	+	+	+	+	+	-	+	+
Hexane	C6H14	TR			40	+	+	+	+	+	+	+	+	+	-	+	+
Hexane	C6H14	TR			60	+	+	+	o	+	+	+	+	+	-	+	+
Hexanedioic Acid	Adipic Acid																
Hexanol	C6H13OH		0.82	AIII	20	+	+	-	+	+	+	+	+	-	+	+	+
Hexylalcohol	Hexanol																
Hydrazine	H2N-NH2	TR	1.08	B	20	+ [1)]	+	-	+ [1)]	+	+	-	+	+	+	+	+
Hydrazine	H2N-NH2	TR			40	o	+	-	o	+	+	-	+	o	o	+	+
Hydrazine	H2N-NH2	TR			60	-	o	-	-	+	+	-	o	-	-	+	+
Hydriodic Acid	HJ	TR			20	o	o	-	+ [1)]	+	+	-	+	+	+	+	+
Hydriodic Acid	HJ	TR			40	o	o	-	+ [1)]	+	+	-	+	o	+	+	+
Hydriodic Acid	HJ	TR			60	-	o	-	+ [1)]	+	+	-	+	o	+	+	+

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Hydrobromic Acid	HBr + H20	10	1.07		20	-	o	-	+ 1)	+	+	o	+	-	+	+	+
Hydrobromic Acid	HBr + H20	10			40	-	o	-	+ 1)	+	+	o	+	-	+	+	+
Hydrobromic Acid	HBr + H20	10			60	-	-	-	+ 1)	+	+	o	+	-	o	+	+
Hydrobromic Acid	HBr + H20	48	1.44		20	-	o	-	+ 1)	+	+	o	+	o	+	+	+
Hydrobromic Acid	HBr + H20	48			40	-	o	-	+ 1)	+	+	o	+	-	+	+	+
Hydrobromic Acid	HBr + H20	48			60	-	-	-	+ 1)	+	+	o	+	-	o	+	+
Hydrochloric Acid	HCl	10	1.05		20	-	+	-	+	+	+	+	+	+	+	+	+
Hydrochloric Acid	HCl	10			40	-	o	-	+	+	+	+	+	o	+	+	+
Hydrochloric Acid	HCl	10			60	-	o	-	+	+	+	+	+	-	+	+	+
Hydrochloric Acid	HCl	30	1.15		20	-	+	-	+	+	+	+	+	-	+	+	+
Hydrochloric Acid	HCl	30			40	-	o	-	+	+	+	+	+	-	o	+	+
Hydrochloric Acid	HCl	30			60	-	o	-	+	+	+	+	o	-	o	+	+
Hydrochloric Acid	HCl	konz.	1.20		20	-	+	-	+	+	+	+	+	-	+	+	+
Hydrochloric Acid	HCl	konz.			40	-	o	-	+	+	+	+	+	-	o	+	+
Hydrochloric Acid	HCl	konz.			60	-	o	-	o	+	+	o	o	-	o	+	+
Hydrocyanic Acid	HCN	TR	0.69		20	+	+	-	+	+	+	+	+	o	+	+	+
Hydrocyanic Acid	HCN	GL			20	+	+	-	+	+	+	+	o	-	o	+	+
Hydrocyanic Acid	HCN	GL			40	+ 1)	+	-	+ 1)	+	+	o	o	-	o	+	+
Hydrocyanic Acid	HCN	GL			60	o	+	-	+ 1)	+	+	o	o	-	o	+	+
Hydrofluoric Acid	HF	40	1.06		20	-	o	-	+ 1)	+	+	-	+	-	o	+	+
Hydrofluoric Acid	HF	40			40	-	o	-	+ 1)	+	+	-	+	-	-	+	+
Hydrofluoric Acid	HF	40			60	-	o	-	o	+	+	-	o	-	-	+	+
Hydrofluoric Acid	HF	60			20	-	o	-	+	+	+	-	+	-	o	+	+
Hydrofluoric Acid	HF	70	1.23		20	-	o	-	o	+	+	-	o	-	o	+	+
Hydrofluoric Acid	HF	70			40	-	o	-	o	+	+	-	o	-	-	+	+
Hydrofluoric Acid	HF	70			60	-	o	-	o	o	+	-	o	-	-	+	+
Hydrofluosilic Acid	H2SiF6	32	1.17		20	-	+	-	+ 1)	+	+	-	+	o	+	+	+
Hydrofluosilic Acid	H2SiF6	32			40	-	o	-	+ 1)	+	+	-	+	-	o	+	+
Hydrofluosilic Acid	H2SiF6	32			60	-	o	-	+ 1)	+	+	-	+	-	o	+	+
Hydrogen Peroxide	H2O2	3	1.01		20	+	+	+	+	+	+	+	+	o	+	+	+
Hydrogen Peroxide	H2O2	3			40	+	+	+	+	+	+	+	o	-	+	+	+
Hydrogen Peroxide	H2O2	3			60	+	+	+	+	+	+	+	o	-	o	+	+
Hydrogen Peroxide	H2O2	10	1.04		20	+	+	+	+	+	+	+	+	o	+	+	+
Hydrogen Peroxide	H2O2	10			40	+	+	+	+	+	+	+	o	-	o	+	+
Hydrogen Peroxide	H2O2	10			60	+	+	+	+	+	+	+	o	-	o	+	+
Hydrogen Peroxide	H2O2	20	1.07		20	+ 1)	+	+	+ 1)	+	+	o	+	o	+	+	+
Hydrogen Peroxide	H2O2	20			40	+ 1)	+	+	+ 1)	+	+	o	o	-	o	+	+
Hydrogen Peroxide	H2O2	20			60	+ 1)	+	+	o	+	+	o	o	-	-	+	+
Hydrogen Peroxide	H2O2	30	1.11		20	+ 1)	+	+	+ 1)	+	+	o	+	-	+	+	+
Hydrogen Peroxide	H2O2	30			40	+ 1)	+	+	+ 1)	+	+	o	o	-	o	+	+
Hydrogen Peroxide	H2O2	30			60	+ 1)	+	+	o	+	+	o	o	-	o	+	+
Hydrogen Peroxide	H2O2	90	1.42		20	+ 1)	+	+	-	+	+	-	+	-	+	+	+
Hydrogen Peroxide	H2O2	90			40	+ 1)	+	+	-	o	+	-	o	-	o	+	+
Hydrogen Peroxide	H2O2	90			60	+ 1)	+	+	-	o	+	-	o	-	o	+	+
Hydroxy Acetic Acid	Glycolic Acid																
Hydroxybenzene	Phenol																
Hydroxysuccinic Acid	HOOC-CH2-CHOH-COOH	50			20	+ 1)	+	-	+ 1)	+	+	o	+	+	+	+	+
Hydroxysuccinic Acid	HOOC-CH2-CHOH-COOH	50			40	+ 1)	+	-	+ 1)	+	+	o	+	+	+	+	+

TR = technically pure, GL = saturated solution, H = commercial composition
+ = resistant, 0 = limited resistance, - = not resistant

Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Hydroxysuccinic Acid	HOOC-CH2-CHOH-COOH	50			60	+ [1)]	+	-	+ [1)]	+	+	o	+	+	+	+	+
Ink		H	1.00		20	+	+	+	+	+	+	+	+	+	+	+	+
Iodine Preparations		H			20	o	+	o	+	+	+	+	+	+	+	+	o
Iodine Preparations		H			40	o	+	o	+	+	+	+	+	+	+	+	o
Iodine Preparations		H			60	o	+	o	+	+	+	+	+	+	+	+	o
Iodoform	Triiodine Methane																
Iron Vitriol	Ferrosulphate																
Isobutanol	Isobutyl Alcohol																
Isobutyl Alcohol	C4H10O	100	0.81	AII	20	+	+	+	+	+	+	+	+	-	+	+	+
Isobutyl Alcohol	C4H10O	100			40	+	+	+	+	+	+	+	+	-	+	+	+
Isobutyl Alcohol	C4H10O	100			60	+	+	+	+	+	+	+	+	-	+	+	+
Isocyanate					20	+	+	+	-	-	+	o	+	+	-	+	+
Isooctane	C8H18	TR		AI	20	+	+	+	+	+	+	+	+	+	+	+	+
Isooctanol	C4H9-CH(C2H5)	TR	0.83	AIII	20	+	+	+	+	+	+	+	+	o	+	+	+
Isopropanol	Propanol																
Isopropyl Acetate	C6H12O2		0.87	AI	20	+ [1)]	+	o	o	+	+	o	-	+	+	+	+
Isopropyl Ether	C6H14O	TR	0.73	AI	20	+ [1)]	+	o	o	+	+	-	-	-	-	+	+
Isopropyl Ether	C6H14O	TR			40	+ [1)]	+	o	o	o	+	-	-	-	-	+	+
Isopropyl Ether	C6H14O	TR			60	+ [1)]	+	o	o	o	+	-	-	-	-	+	+
Kerosene	Naphtha																
Lactic Acid	C3H6O3	10			20	+	+	-	+	+	+	+	+	o	+	+	+
Lactic Acid	C3H6O3	10			40	+	+	-	+	+	+	+	+	-	+	+	+
Lactic Acid	C3H6O3	10			60	+	+	-	+	+	+	+	+	-	+	+	+
Lactic Acid	C3H6O3	90			20	+	+	-	+	+	+	+	+	-	+	+	+
Lactic Acid	C3H6O3	90			40	o	+	-	+	o	+	+	+	-	+	+	+
Lactic Acid	C3H6O3	90			60	o	+	-	+	o	+	+	+	-	o	+	+
Lanolin		TR			20	+	+	+	o	+	+	+	+	+	o	+	+
Lanolin		TR			40	+	+	+	-	+	+	+	+	+	-	+	+
Lanolin		TR			60	+	+	+	-	+	+	+	+	o	-	+	+
Lauric Acid	C12H24O2	TR			20	+ [1)]	+	-	+ [1)]	+	+	-	+	-	-	+	+
Lauric Acid	C12H24O2	TR			40	+ [1)]	+	-	+ [1)]	+	+	-	+	-	-	+	+
Lauric Acid	C12H24O2	TR			60	+ [1)]	+	-	+ [1)]	+	+	-	+	-	-	+	+
Lead Acetate	C4H6O4Pb	10			20	+	+	-	+	+	+	+	+	+	+	+	+
Lead Acetate	C4H6O4Pb	10			40	+	+	-	+	+	+	+	+	+	+	+	+
Lead Acetate	C4H6O4Pb	10			60	+	+	-	+	+	+	+	+	+	+	+	+
Lead Acetate	C4H6O4Pb	GL			20	+	+	-	+	+	+	+	+	+	+	+	+
Lead Acetate	C4H6O4Pb	GL			40	+	+	-	+	+	+	+	+	+	+	+	+
Lead Acetate	C4H6O4Pb	GL			60	+	+	-	+	+	+	+	+	+	+	+	+
Lead Nitrate	Pb(NO3)2	50			20	+	+	+	+	+	+	+	+	+	+	+	+
Lead Sugar	Lead Acetate																
Lead Tetraethyl	Pb(C2H5)4	TR	1.66	AIII	20	+	+	+	+	+	+	+	+	+	o	+	+
Linseed Oil		TR			20	+	+	+	+	+	+	+	+	+	+	+	+
Linseed Oil		TR			40	+	+	+	+	+	+	+	+	+	o	+	+
Linseed Oil		TR			60	+	+	+	o	+	+	+	+	+	-	+	+
Lithium Chloride	LiCl	45	1.30		20	o	+	-	+	+	+	+	+	+	+	+	+
Lithium Chloride	LiCl	45			40	o	+	-	+	+	+	+	+	+	+	+	+
Lithium Chloride	LiCl	45			60	-	o	-	+	+	+	+	+	+	+	+	+
Lithium Sulphate	LiSO4	25	1.23		20	+	+	+	+	+	+	+	+	+	+	+	+

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macnaught
M-SERIES

Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Lithium Sulphate	LiSO4	25			40	+	+	+	+	+	+	+	+	+	+	+	+
Lithium Sulphate	LiSO4	25			60	+	+	+	+	+	+	+	+	+	+	+	+
Lunar Caustic	Silver Nitrate																
Magnesium Chloride	MgCl2	10			20	o	+	-	+	+	+	+	+	+	+	+	+
Magnesium Chloride	MgCl2	10			40	o	+	-	+	+	+	+	+	+	+	+	+
Magnesium Chloride	MgCl2	10			60	o	+	-	+	+	+	+	+	+	+	+	+
Magnesium Chloride	MgCl2	GL			20	o	+	-	+	+	+	+	+	+	+	+	+
Magnesium Chloride	MgCl2	GL			40	o	+	-	+	+	+	+	+	+	+	+	+
Magnesium Chloride	MgCl2	GL			60	o	+	-	+	+	+	+	+	+	+	+	+
Magnesium Nitrate	Mg(NO3)2	25	1.21		20	+	+	+	+	+	+	+	+	+	+	+	+
Magnesium Nitrate	Mg(NO3)2	25			40	+	+	+	+	+	+	+	+	+	+	+	+
Magnesium Nitrate	Mg(NO3)2	25			60	+	+	+	+	+	+	+	+	+	+	+	+
Magnesium Sulphate	MgSO4	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Magnesium Sulphate	MgSO4	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Magnesium Sulphate	MgSO4	10			60	+	+	+	+	+	+	+	+	+	+	+	+
Magnesium Sulphate	MgSO4	GL	1.28		20	+	+	+	+	+	+	+	+	+	+	+	+
Magnesium Sulphate	MgSO4	GL			40	+	+	+	+	+	+	+	+	+	+	+	+
Magnesium Sulphate	MgSO4	GL			60	+	+	+	+	+	+	+	+	+	+	+	+
Maleic Acid	C4H4O4	35			20	+	+	-	+	+	+	+	+	-	+	+	+
Maleic Acid	C4H4O4	35			40	+	+	-	+	+	+	+	+	-	+	+	+
Maleic Acid	C4H4O4	GL			20	+	+	-	+	+	+	+	+	-	o	+	+
Maleic Acid	C4H4O4	GL			40	+	+	-	+	+	+	+	+	-	-	+	+
Maleic Acid	C4H4O4	GL			60	+	+	-	+	+	+	+	+	-	-	+	+
Malic Acid	Hydrosuccinic Acid																
Manganous Chloride	MnCl2	20	1.19		20	o	+	-	+	+	+	+	+	+	+	+	+
Manganous Chloride	MnCl2	20			40	o	+	-	+	+	+	+	+	+	+	+	+
Manganous Chloride	MnCl2	20			60	-	o	-	+	+	+	+	+	o	+	+	+
Mercury Cyanide	Hg(CN)2	TR			20	+	+	-	+	+	+	+	+	+	+	+	+
Mercury Cyanide	Hg(CN)2	TR			40	+	+	-	+	+	+	+	+	+	+	+	+
Mercury Cyanide	Hg(CN)2	TR			60	+	+	-	+	+	+	+	+	o	+	+	+
Mercury Nitrate	Hg(NO3)2	GL			20	+	+	-	+	+	+	+	+	o	+	+	+
Mercury Nitrate	Hg(NO3)2	GL			40	+	+	-	+	+	+	+	+	o	+	+	+
Mercury Nitrate	Hg(NO3)2	GL			60	+	+	-	+	+	+	+	+	-	+	+	+
Methanol	CH3OH	TR		B	20	+	+	+	+	+	+	+	o	o	+	+	+
Methanol	CH3OH	TR			40	+	+	+	+	+	+	+	o	o	+	+	+
Methanol	CH3OH	TR			60	+	+	o	+	+	+	+	o	-	o	+	+
Methyl Alcohol	Methanol																
Methyl Benzene	Taluene																
Methyl Cellosolve	Methyl Glycol																
Methyl Cyanide	Acetonitrile																
Methyl Ester	Acetic Methyl Ester																
Methyl Ethyl Ketone (MEK)	Butanone																
Methyl Glycol	(CH2)2OHOCH3		0.98		20	+	+	+	+	+	+	+	+	+	+	+	+
Methyl Glycol	(CH2)2OHOCH3				40	+	+	+	+	+	+	+	+	+	+	+	+
Methyl Glycol	(CH2)2OHOCH3				60	+	+	+	+	+	+	+	+	+	+	+	+
Methyl Isobutyl Ketone (MIBK)	C6H11O			AI	20		+	-	-	+	+	+	o	o	o	+	+
Methyl Pentanon	Methyl Isobutyl Ketone (MIBK)																
Methyl Sulphuric Acid	H2SO4-CH2	50			20	o	o	-	o	+	+	-	o	-	+	+	+

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Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Methyl Sulphuric Acid	H2SO4-CH2	50			40	-	o	-	o	+	+	-	o	-	+	+	+
Methyl Sulphuric Acid	H2SO4-CH2	50			60	-	-	-	-	+	+	-	-	-	o	+	+
Methyl Sulphuric Acid	H2SO4-CH2	TR			20	o	o	-	-	+	+	-	o	-	+	+	+
Methyl Sulphuric Acid	H2SO4-CH2	TR			40	-	o	-	-	+	+	-	o	-	+	+	+
Methyl Sulphuric Acid	H2SO4-CH2	TR			60	-	o	-	-	+	+	-	-	-	o	+	+
Methylene Chloride	CH2Cl2		1.33		20	+	+	-	o	o	+[1)]	+	o	-	o	+	+
Methylene Chloride	CH2Cl2				40	+	+	-	o	o	+[1)]	+	o	-	-	+	+
Milk					20	+	+	+	+	+	+	+	+	+	+	+	+
Milk of Lime	Calcium Hydroxyde																
Mineral Oils					20	+	+	+	+	+	+	+	+	+	-	+	+
Mineral Oils					40	+	+	+	+	+	+	+	+	+	-	+	+
Mineral Oils					60	+	+	+	o	+	+	+	+	+	-	+	+
Mineral Water					20	+	+	+	+	+	+	+	+	+	+	+	+
Mineral Water					40	+	+	+	+	+	+	+	+	+	+	+	+
Mineral Water					60	+	+	+	+	+	+	+	+	+	+	+	+
Mirbane	Nitrobenzene																
Monochloracetic Acid	Chloroacetic Acid																
Muriatic Acid	Hydrochloric Acid																
Naphta		TR	0.81	AII	20	+[1)]	+	+	+[1)]	+	+	o	+	+	o	+	+
Naphta		TR			40	+[1)]	+	+	+[1)]	+	+	o	+	+	-	+	+
Naphta		TR			60	+[1)]	+	+	+[1)]	+	+	o	+	+	-	+	+
Naphtenic Acid	Fatty Acids																
Nickel Chloride	NiCl2	20	1.22		20	o	+	-	+	+	+	+	+	+	+	+	+
Nickel Chloride	NiCl2	20			40	o	+	-	+	+	+	+	+	+	+	+	+
Nickel Chloride	NiCl2	20			60	o	+	-	+	+	+	+	+	o	+	+	+
Nickel Nitrate	Ni(NO3)2	35	1.38		20	+	+	-	+	+	+	+	+	+	+	+	+
Nickel Nitrate	Ni(NO3)2	35			40	+	+	-	+	+	+	+	+	+	+	+	+
Nickel Nitrate	Ni(NO3)2	35			60	+	+	-	+	+	+	+	+	o	+	+	+
Nickel Sulphate	NiSO4	10	1.21		20	+	+	-	+	+	+	+	+	+	+	+	+
Nickel Sulphate	NiSO4	10			40	+	+	-	+	+	+	+	+	+	+	+	+
Nickel Sulphate	NiSO4	10			60	+	+	-	+	+	+	+	+	+	+	+	+
Nicotine	C10H14N2				20	+	+	-	-	-	+	+	+	o	+	+	+
Nitric Acid	HNO3	10	1.05		20	+[1)]	+	-	+[1)]	+	+	o	+	-	+	+	+
Nitric Acid	HNO3	10			40	+[1)]	+	-	o	+	+	o	+	-	+	+	+
Nitric Acid	HNO3	10			60	+[1)]	+	-	o	+	+	o	+	-	o	+	+
Nitric Acid	HNO3	30	1.18		20	+[1)]	+	-	o	+	+	-	+	-	+	+	+
Nitric Acid	HNO3	30			40	+[1)]	+	-	o	+	+	-	+	-	+	+	+
Nitric Acid	HNO3	30			60	o	+	-	-	+	+	-	+	-	o	+	+
Nitric Acid	HNO3	50	1.31		20	+[1)]	+	-	o	+	+	-	+	-	-	+	+
Nitric Acid	HNO3	50			40	o	+	-	-	+	+	-	o	-	-	+	+
Nitric Acid	HNO3	50			60	o	o	-	-	+	+	-	o	-	-	+	+
Nitric Acid	HNO3	65	1.41		20	+[1)]	+	-	-	+	+	-	o	-	-	+	+
Nitric Acid	HNO3	65			40	o	+	-	-	+	+	-	o	-	-	+	+
Nitric Acid	HNO3	65			60	o	o	-	-	+	+	-	o	-	-	+	+
Nitrobenzene	C6H5NO2	TR	1.21	AIII	20	+	+	+	+	+	+	+	o	o	o	+	+
Nitrobenzene	C6H5NO2	TR			40	+	+	+	o	+	+	+	o	o	-	+	+
Nitrobenzene	C6H5NO2	TR			60	+	+	+	o	+	+	+	o	-	-	+	+
Nitrotoluene	C6H4CH3NO2	TR			20	+	+	+	+	+	+	+	o	o	o	+	+

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Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Nitrotoluene	C6H4CH3NO2	TR			40	+	+	+	+	+	+	+	o	o	-	+	+
Nitrotoluene	C6H4CH3NO2	TR			60	+	+	+	o	+	+	+	o	o	-	+	+
Nitrous Acid	HNO2				20	o	+	-	o	+	+	+	+	-	o	+	+
Nitrous Acid	HNO2				40	o	+	-	o	+	+	+	+	-	o	+	+
Nitrous Acid	HNO2				60	o	+	-	-	+	+	+	+	-	-	+	+
Octal	Dioctyl Phthalate																
Octane	C8H18	TR		AI	20	+	+	+	+	+	+	+	+	+	+	+	+
Oil	Mineral Oils																
Oleic Acid	C18H34O2	TR	0.90		20	+	+	-	+	+	+	+	+	o	-	+	+
Oleic Acid	C18H34O2	TR			40	+	+	-	+	+	+	+	o	o	-	+	+
Oleic Acid	C18H34O2	TR			60	+	+	-	o	+	+	+	o	-	-	+	+
Oleum	H2SO4+SO3				20	+ [1)]	+	-	-	-	+	-	+	-	-	+	+
Oxalic Acid	(CO2H)2	10			20	+	+	-	+	+	+	+	+	+	+	+	+
Oxalic Acid	(CO2H)2	10			40	+	+	-	o	+	+	+	+	+	+	+	+
Oxalic Acid	(CO2H)2	10			60	+	+	-	o	+	+	+	+	+	+	+	+
Oxalic Acid	(CO2H)2	GL	1.65		20	+ [1)]	+	-	+ [1)]	+	+	o	+	o	+	+	+
Oxalic Acid	(CO2H)2	GL			40	+ [1)]	+	-	o	+	+	o	+	o	o	+	+
Oxalic Acid	(CO2H)2	GL			60	+ [1)]	+	-	o	o	+	o	+	o	o	+	+
Palatinol C	Dibutyl Phthalate																
Paraffin Oil	CnH2n	TR	0.93		20	+	+	+	+	+	+	+	+	+	-	+	+
Paraffin Oil	CnH2n	TR			40	+	+	+	+	+	+	+	+	o	-	+	+
Paraffin Oil	CnH2n	TR			60	+	+	+	+	+	+	+	+	o	-	+	+
Pectine		10			20	+	+	+	+	+	+	+	+	+	+	+	+
Pentanol, 1-Pentanol	Amyl Alcohol																
Pentyl Acetate	Amyl Acetate																
Pentyl Chloride	Amyl Chloride																
Peracetic Acid		TR			20	+	-	-	-	+	+	-	-	-	-	+	-
Peracetic Acid		TR			40	+	-	-	-	+	+	-	-	-	-	+	-
Peracetic Acid		TR			60	+	-	-	-	+	+	-	-	-	-	+	-
Perchloric Acid	HClO4	20			20	+	+	-	+	+	+	+	+	-	+	+	+
Perchloric Acid	HClO4	20			40	+	+	-	+	+	+	+	+	-	+	+	+
Perchloric Acid	HClO4	20			60	+	+	-	+	+	+	+	o	-	o	+	+
Perchloric Acid	HClO4	50	1.40		20	+	+	-	+	+	+	+	+	-	+	+	+
Perchloric Acid	HClO4	50			40	+	+	-	+	+	+	+	+	-	+	+	+
Perchloric Acid	HClO4	50			60	+	+	-	o	+	+	+	o	-	o	+	+
Perchloric Acid	HClO4	70	1.55		20	+	+	-	+	+	+	+	+	-	+	+	+
Perchloric Acid	HClO4	70			40	+	+	-	+	+	+	+	+	-	+	+	+
Perchloric Acid	HClO4	70			60	+	+	-	+	+	+	+	+	-	+	+	+
Perchloric Acid	HClO4	GL			20	+	+	-	+	+	+	+	+	-	+	+	+
Perchloric Acid	HClO4	GL			40	+	+	-	o	+	+	+	+	-	+	+	+
Perchloric Acid	HClO4	GL			60	o	+	-	-	+	+	+	+	-	+	+	+
Perchloroethylene	C2Cl4	TR			20	+	+	-	-	+	+[1)]	+	+	-	-	+	+
Perchloroethylene	C2Cl4	TR			40	+	+	-	-	+	+[1)]	+	+	-	-	+	+
Perchloroethylene	C2Cl4	TR			60	o	+	-	-	+	+[1)]	+	+	-	-	+	+
Petrol		H	0.73	AI	20	+	+	+	-	+	+	+	+	+	-	+	+
Petrol		H			40	+	+	+	-	+	+	+	+	+	-	+	+
Petrol		H			60	+	+	+	-	+	+	+	+	+	-	+	+
Petroleum Crude					20	+	+	+	+	+	+	+	+	+	-	+	+

TR = technically pure, GL = saturated solution, H = commercial composition
+ = resistant, 0 = limited resistance, - = not resistant

Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Petroleum Crude					40	+	+	+	+	+	+	+	+	+	-	+	+
Petroleum Crude					60	+	+	+	+	+	+	+	+	+	-	+	+
Petroleum Ether		TR	0.69	AI	20	+	+	+	-	+	+	+	+	+	o	+	+
Petroleum Ether		TR			40	+	+	+	-	+	+	+	+	o	-	+	+
Petroleum Ether		TR			60	+	+	+	-	+	+	+	o	-	-	+	+
Phenol	C6H6O	100			20	+	+	+	+	+	+	+	+	+	+	+	+
Phenol	C6H6O	100			40	+	+	+	+	+	+	+	+	+	o	+	+
Phenol	C6H6O	100			60	+	+	+	+	+	+	+	+	+	o	+	+
Phenol	C6H6O	50			20	+	+	+	+	+	+	+	+	+	+	+	+
Phenol	C6H6O	50			40	+	+	+	+	+	+	+	+	+	o	+	+
Phenol	C6H6O	50			60	+	+	+	+	+	+	+	+	+	o	+	+
Phenol	C6H6O	90			20	+	+	+	+	+	+	+	+	+	-	+	+
Phenol	C6H6O	90			40	+	+	+	+	+	+	+	o	+	-	+	+
Phenol	C6H6O	90			60	+	+	+	+	+	+	+	o	o	-	+	+
Phenyl Chloride	Chlorobenzene																
Phosphor Chloride	Phosphorous Trichloride																
Phosphoric Acid	H3PO4	30	1.18		20	+	+	-	+	+	+	+	+	o	+	+	+
Phosphoric Acid	H3PO4	30			40	+	+	-	+	+	+	+	+	o	+	+	+
Phosphoric Acid	H3PO4	30			60	+	+	-	+	+	+	+	+	-	+	+	+
Phosphoric Acid	H3PO4	50			20	+	+	-	+	+	+	+	+	o	+	+	+
Phosphoric Acid	H3PO4	50			40	+	+	-	+	+	+	+	+	o	+	+	+
Phosphoric Acid	H3PO4	50			60	o	+	-	+	+	+	+	+	-	+	+	+
Phosphoric Acid	H3PO4	85	1.69		20	+	+	-	+	+	+	+	+	-	+	+	+
Phosphoric Acid	H3PO4	85			40	+	+	-	+	+	+	+	+	-	+	+	+
Phosphoric Acid	H3PO4	85			60	o	+	-	+	+	+	+	o	-	+	+	+
Phosphoric Acid	H3PO4	95	1.70		20	-	+	-	+	+	+	o	+	-	o	+	+
Phosphoric Acid	H3PO4	95			40	-	+	-	o	+	+	o	+	-	o	+	+
Phosphoric Acid	H3PO4	95			60	-	o	-	-	+	+	o	o	-	o	+	+
Phosphorous Trichloride	POCl3	TR	1.57		20	+	+	-	+	+	+	+	+	-	+	+	+
Phosphorous Trichloride	POCl3	TR			40	o	o	-	o	+	+	+	+	-	+	+	+
Phosphorous Trichloride	POCl3	TR			60	-	-	-	o	+	+	+	+	-	+	+	+
Phthalic Acid	C6H4(COOH)2+H2O	50			20	+	+	-	+	+	+	+	+	-	+	+	+
Phthalic Acid	C6H4(COOH)2+H2O	50			40	+	+	-	+	+	+	+	+	-	+	+	+
Phthalic Acid	C6H4(COOH)2+H2O	50			60	+	+	-	+	+	+	+	+	-	+	+	+
Phthalic Acid	C6H4(COOH)2+H2O	GL	1.59		20	+	+	-	+	+	+	+	o	-	+	+	+
Phthalic Acid	C6H4(COOH)2+H2O	GL			40	+	+	-	+	+	+	+	o	-	+	+	+
Phthalic Acid	C6H4(COOH)2+H2O	GL			60	+	+	-	+	+	+	+	-	-	o	+	+
Pine Needle Oil	Essential Oils																
Polyhydric Alcohol			1.78		20	+	+	+	-	+	+	+	+	+	+	+	+
Potash	Potassiume Carbonate																
Potash Bleaching Solution	Potassium Hypochlorite																
Potassium Aluminium Sulphate	$KAl(SO_4)\cdot 2H_2O$	50			20	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Aluminium Sulphate	$KAl(SO_4)\cdot 2H_2O$	50			40	+	+	+	+	+	+	+	+	o	+	+	+
Potassium Aluminium Sulphate	$KAl(SO_4)\cdot 2H_2O$	50			60	+	+	+	+	+	+	+	+	-	+	+	+
Potassium Bichromate	Potassium Dichromate																
Potassium Bromate	KBrO3+H2O	GL			20	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Bromate	KBrO3+H2O	GL			40	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Bromate	KBrO3+H2O	GL			60	+	+	+	+	+	+	+	+	+	+	+	+

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Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Potassium Bromide	KBr + H2O	10	1.37		20	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Bromide	KBr + H2O	10			40	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Bromide	KBr + H2O	10			60	o	+	-	+	+	+	+	+	+	+	+	+
Potassium Bromide	KBr + H2O	GL			20	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Bromide	KBr + H2O	GL			40	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Bromide	KBr + H2O	GL			60	o	+	-	+	+	+	+	+	+	+	+	+
Potassium Carbonate	K2CO3	GL			20	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Carbonate	K2CO3	GL			40	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Carbonate	K2CO3	GL			60	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Chlorate	KClO3	50			20	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Chlorate	KClO3	50			40	+	+	-	+	+	+	+	+	o	+	+	+
Potassium Chlorate	KClO3	50			60	o	+	-	+	+	+	+	+	-	+	+	+
Potassium Chloride	KCl	10			20	o	+	-	+	+	+	+	+	+	+	+	+
Potassium Chloride	KCl	10			40	o	+	-	+	+	+	+	+	+	+	+	+
Potassium Chloride	KCl	10			60	o	o	-	+	+	+	+	+	+	+	+	+
Potassium Chloride	KCl	GL	1.17		20	o	+	-	+	+	+	+	+	+	+	+	+
Potassium Chloride	KCl	GL			40	o	+	-	+	+	+	+	+	+	+	+	+
Potassium Chloride	KCl	GL			60	o	o	-	+	+	+	+	+	+	+	+	+
Potassium Cyanide	KCN	50			20	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Cyanide	KCN	50			40	+	+	-	+	+	+	+	o	+	+	+	+
Potassium Cyanide	KCN	50			60	+	+	-	+	+	+	+	o	+	+	+	+
Potassium Cyanide	KCN	GL	1.31		20	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Cyanide	KCN	GL			40	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Cyanide	KCN	GL			60	+	+	-	+	o	+	+	+	+	+	+	+
Potassium Dichromate	K2Cr2O7	40			20	+	+	-	+	+	+	+	+	+	+	+	+
Potassium Ferricyanide	K4Fe(CN)6	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Ferricyanide	K4Fe(CN)6	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Ferricyanide	K4Fe(CN)6	10			60	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Ferricyanide	K4Fe(CN)6	20	1.11		20	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Ferricyanide	K4Fe(CN)6	20			40	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Ferricyanide	K4Fe(CN)6	20			60	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Ferricyanide	K4Fe(CN)6	GL			20	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Ferricyanide	K4Fe(CN)6	GL			40	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Ferricyanide	K4Fe(CN)6	GL			60	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Ferrocyanide	K3Fe(CN)6	10			20	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Potassium Ferrocyanide	K3Fe(CN)6	10			40	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Potassium Ferrocyanide	K3Fe(CN)6	10			60	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Potassium Ferrocyanide	K3Fe(CN)6	16	1.11		20	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Potassium Ferrocyanide	K3Fe(CN)6	16			40	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Potassium Ferrocyanide	K3Fe(CN)6	16			60	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Potassium Ferrocyanide	K3Fe(CN)6	GL			20	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Potassium Ferrocyanide	K3Fe(CN)6	GL			40	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Potassium Ferrocyanide	K3Fe(CN)6	GL			60	+ [1)]	+	+	+ [1)]	+	+	o	+	+	+	+	+
Potassium Hydroxide	KOH	20	1.19		20	+	+	-	+	+	+	+	-	o	+	+	+
Potassium Hydroxide	KOH	20			40	+	+	-	+	+	+	+	-	o	o	+	+
Potassium Hydroxide	KOH	20			60	+	+	-	+	+	+	+	-	o	o	+	+
Potassium Hydroxide	KOH	30	1.29		20	+	+	-	+	+	+	+	-	o	+	+	+
Potassium Hydroxide	KOH	30			40	+	+	-	+	+	+	+	-	o	o	+	+

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Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Potassium Hydroxide	KOH	30			60	+	+	-	+	+	+	+	-	o	o	+	+
Potassium Hydroxide	KOH	60	1.63		20	+	+	-	+	+	+	+	-	-	+	+	+
Potassium Hydroxide	KOH	60			40	+	+	-	+	+	+	+	-	-	+	+	+
Potassium Hydroxide	KOH	60			60	+	+	-	+	+	+	+	-	-	+	+	+
Potassium Hypochlorite	KClO	15			20	o	+	-	o	+	+	+	+	-	+	+	+
Potassium Hypochlorite	KClO	15			40	o	+	-	o	+	+	+	+	-	o	+	+
Potassium Hypochlorite	KClO	15			60	o	o	-	-	+	+	+	+	-	-	+	+
Potassium Iodide	KJ	50	1.55		20	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Iodide	KJ	50			40	+	+	+	+	+	+	+	+	o	+	+	+
Potassium Iodide	KJ	50			60	o	+	+	+	+	+	+	+	o	+	+	+
Potassium Iodide	KJ	GL			20	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Iodide	KJ	GL			40	+	+	+	+	+	+	+	+	o	+	+	+
Potassium Iodide	KJ	GL			60	o	+	o	+	+	+	+	+	o	+	+	+
Potassium Nitrate	KNO3	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Nitrate	KNO3	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Nitrate	KNO3	10			60	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Nitrate	KNO3	24	1.17		20	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Nitrate	KNO3	24			40	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Nitrate	KNO3	24			60	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Oxalate	K2(CO2)2				20	+	+	-	+	+	+	+	+	-	+	+	+
Potassium Oxalate	K2(CO2)2				40	+	+	-	+	+	+	+	+	-	+	+	+
Potassium Oxalate	K2(CO2)2				60	+	+	-	+	+	+	+	+	-	+	+	+
Potassium Permanganate	KMnO4	6	1.04		20	+	+	+	+	+	+	+	+	o	+	+	+
Potassium Permanganate	KMnO4	6			40	+	+	+	+	+	+	+	+	o	+	+	+
Potassium Permanganate	KMnO4	6			60	+	+	+	+	+	+	+	+	o	+	+	+
Potassium Permanganate	KMnO4	18			20	+	+	+	+	+	+	+	+	o	+	+	+
Potassium Permanganate	KMnO4	18			40	+	+	+	+	+	+	+	+	o	+	+	+
Potassium Sulphate	K2SO4	10	1.08		20	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Sulphate	K2SO4	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Potassium Sulphate	K2SO4	10			60	+	+	+	+	+	+	+	+	+	+	+	+
Propanediol	Propylene Glycol																
Propionic Acid	C3H6O2	50			20	+	+	-	+	+	+	+	+	-	o	+	+
Propionic Acid	C3H6O2	50			40	+	+	-	+	+	+	+	+	-	o	+	+
Propionic Acid	C3H6O2	50			60	+	+	-	+	+	+	+	o	-	o	+	+
Propionic Acid	C3H6O2	TR	0.99		20	+	+	-	+	+	+	+	+	-	+	+	+
Propionic Acid	C3H6O2	TR			40	+	+	-	o	+	+	+	+	-	+	+	+
Propionic Acid	C3H6O2	TR			60	+	+	-	o	+	+	+	+	-	o	+	+
Propyl Acetate	Isopropylacetate																
Propyl Alcohol	C3H8O	TR		B	20	+	+	+	+	+	+ [1)]	+	+	+	o	+	+
Propyl Alcohol	C3H8O	TR			40	+	+	+	+	+	+ [1)]	+	+	+	o	+	+
Propyl Alcohol	C3H8O	TR			60	+	+	+	+	+	+ [1)]	+	+	+	o	+	+
Propylene Aldehyde	C4H6O	TR		AI	20	+	+	+	-	+	+	+	+	+	+	+	+
Propylene Glycol	C3H8O2	TR	1.04	AI	20	+	+	+	+	+	+	+	+	+	+	+	+
Propylene Glycol	C3H8O2	TR			40	+	+	+	+	+	+	+	+	o	+	+	+
Propylene Glycol	C3H8O2	TR			60	+	+	+	+	+	+	+	o	-	+	+	+
Propylene Oxide	C3H6O	TR	0.83	AI	20	+	+	+	+	+	+	+	-	-	-	+	+
Propylene Oxide	C3H6O	TR			40	+	+	+	+	+	+	+	-	-	-	+	+
Propylenealdehyd	C4H6O	TR		AI	20	+	+	+	-	+	+	+	+	+	+	+	+

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Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Prussic Acid	Hydrocyanic Acid																
Prussic Acid	Hydrocyanic Acid																
Pyranton	Diacetone Alcohol																
Pyridine	C5H5N	TR	0.99	B	20	+	+	+	o	+	+	+	o	-	+	+	+
Pyridine	C5H5N	TR			40	+	+	+	o	+	+	+	-	-	o	+	+
Pyridine	C5H5N	TR			60	+	+	+	o	o	+	+	-	-	o	+	+
Pyrogallic Acid	Pyrogallol																
Pyrogallol	C6H3(OH)3-1,2,3	10			20	+	+	+	+	+	+	+	+	o	+	+	+
Pyrogallol	C6H3(OH)3-1,2,3	10			40	+	+	+	+	+	+	+	+	-	+	+	+
Pyrogallol	C6H3(OH)3-1,2,3	10			60	+	+	+	+	+	+	+	+	-	+	+	+
Ricinus Oil		H	0.96		20	+	+	+	+	+	+	+	+	+	+	+	+
Ricinus Oil		H			40	+	+	+	+	+	+	+	+	+	+	+	+
Ricinus Oil		H			60	+	+	+	+	+	+	+	+	+	+	+	+
Salade Oil		H			20	+	+	+	+	+	+	+	+	+	+	+	+
Salade Oil		H			40	+	+	+	+	+	+	+	+	+	o	+	+
Salade Oil		H			60	+	+	+	o	+	+	+	+	+	-	+	+
Salmiac	Ammonium Chloride																
Saltpeter	Potassium Nitrate																
Sea Water					20	o	+	-	+	+	+	+	+	+	+	+	+
Sea Water					40	o	+	-	+	+	+	+	+	o	+	+	+
Sea Water					60	o	+	-	+	+	+	+	+	o	+	+	+
Sel Volatile	Ammonium Carbonate																
Silicic Acid	Si(OH)4	TR			20	+	+	-	+	+	+	+	+	-	+	+	+
Silicic Acid	Si(OH)4	TR			40	+	+	-	+	+	+	+	+	-	+	+	+
Silicic Acid	Si(OH)4	TR			60	+	+	-	+	+	+	+	+	-	+	+	+
Silicofluoric Acid	Hydrofluosilic Acid																
Silicone Oil		TR	1.06		20	+	+	+	+	+	+	+	+	+	o	+	+
Silicone Oil		TR			40	+	+	+	+	+	+	+	+	+	o	+	+
Silicone Oil		TR			60	+	+	+	+	+	+	+	+	+	o	+	+
Silver Nitrate	AgNO3	8	1.07		20	+	+	-	+	+	+	+	+	+	+	+	+
Silver Nitrate	AgNO3	8			40	+	+	-	+	+	+	+	+	+	+	+	+
Silver Nitrate	AgNO3	8			60	+	+	-	+	+	+	+	+	+	+	+	+
Soda	Sodium Bicarbonate																
Sodium Acetate	CH3COONa	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Acetate	CH3COONa	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Acetate	CH3COONa	10			60	+	+	+	+	+	+	+	+	o	+	+	+
Sodium Benzoate	C7H5NaO2	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Benzoate	C7H5NaO2	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Benzoate	C7H5NaO2	10			60	+	+	+	+	+	+	+	+	o	+	+	+
Sodium Benzoate	C7H5NaO2	36			20	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Benzoate	C7H5NaO2	36			40	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Benzoate	C7H5NaO2	36			60	+	+	+	+	+	+	+	+	o	+	+	+
Sodium Benzoate	C7H5NaO2	GL			20	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Benzoate	C7H5NaO2	GL			40	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Bicarbonate	NaHCO3	10	1.07		20	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Bicarbonate	NaHCO3	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Bicarbonate	NaHCO3	10			60	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Bichromate	Na2Cr2O7	10			20	+	+	+	+	+	+	+	+	+	+	+	+

TR = technically pure, GL = saturated solution, H = commercial composition
+ = resistant, 0 = limited resistance, - = not resistant

macnaught
M-SERIES

Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Sodium Bichromate	Na2Cr2O7	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Bichromate	Na2Cr2O7	10			60	+	+	+	+	+	+	+	+	o	+	+	+
Sodium Chlorate	NaClO3	25	1.23		20	+	+	-	+	+	+	+	+	+	+	+	+
Sodium Chlorate	NaClO3	25			40	+	+	-	+	+	+	+	+	o	+	+	+
Sodium Chlorate	NaClO3	25			60	o	+	-	+	+	+	+	+	-	+	+	+
Sodium Chloride	NaCl	20			20	o	+	+	+	+	+	+	+	+	+	+	+
Sodium Chloride	NaCl	20			40	o	+	+	+	+	+	+	+	+	+	+	+
Sodium Chloride	NaCl	20			60	o	o	o	o	+	+	+	+	o	+	+	+
Sodium Chlorite	NaClO2	5			20	o	+	-	+	+	+	+	+	+	+	+	+
Sodium Chlorite	NaClO2	5			40	-	o	-	+	+	+	+	+	+	+	+	+
Sodium Chlorite	NaClO2	5			60	-	o	-	+	+	+	+	+	o	+	+	+
Sodium Dichromate	Sodium Bichromate																
Sodium Fluoride	NaF	4	1.04		20	+	+	-	+	+	+	+	+	+	+	+	+
Sodium Fluoride	NaF	4			40	+	+	-	+	+	+	+	+	o	+	+	+
Sodium Fluoride	NaF	4			60	o	+	-	+	+	+	+	+	o	+	+	+
Sodium Hydroxyde	NaOH	10	1.16		20	+	+	-	+	o	+	+	+	+	+	+	+
Sodium Hydroxyde	NaOH	10			40	+	+	-	+	o	+	+	+	+	+	+	+
Sodium Hydroxyde	NaOH	10			60	+	+	-	+	o	+	+	o	o	+	+	+
Sodium Hydroxyde	NaOH	30	1.33		20	+	+	-	+	o	+	+	o	+	+	+	+
Sodium Hydroxyde	NaOH	30			40	+	+	-	+	o	+	+	o	o	+	+	+
Sodium Hydroxyde	NaOH	30			60	+	+	-	+	o	+	+	o	o	+	+	+
Sodium Hydroxyde	NaOH	50	1.53		20	+	+	-	+	o	+	+	o	o	+	+	+
Sodium Hydroxyde	NaOH	50			40	+	+	-	+	o	+	+	o	-	+	+	+
Sodium Hydroxyde	NaOH	50			60	o	+	-	+	o	+	+	-	-	+	+	+
Sodium Hypochlorite	NaOCl	10			20	o	+	-	+	+	+	+	+	-	+	+	+
Sodium Hypochlorite	NaOCl	12.5			20	o	+	-	+	+	+	+	+	-	+	+	+
Sodium Hypochlorite	NaOCl	12.5			40	o	+	-	o	+	+	+	o	-	o	+	+
Sodium Hypochlorite	NaOCl	20			20	o	+	-	+	+	+	+	+	-	+	+	+
Sodium Hypochlorite	NaOCl	20			40	o	+	-	o	+	+	+	o	-	o	+	+
Sodium Hypochlorite	NaOCl	20			60	o	+	-	-	+	+	+	o	-	o	+	+
Sodium Hyposulfite	Sodium Thiosulphate																
Sodium Nitrate	NaNO3	45	1.37		20	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Nitrate	NaNO3	45			40	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Nitrate	NaNO3	45			60	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Nitrite	NaNO2	50			20	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Nitrite	NaNO2	50			40	+	+	+	+	+	+	+	+	o	+	+	+
Sodium Nitrite	NaNO2	50			60	+	+	+	+	+	+	+	+	-	+	+	+
Sodium Perchlorate	NaClO4	25	1.18		20	o	+	+	+ [1)]	+	+	-	+	+	+	+	+
Sodium Perchlorate	NaClO4	25			40	o	+	+	+ [1)]	+	+	-	+	+	+	+	+
Sodium Perchlorate	NaClO4	25			60	o	+	o	+ [1)]	+	+	-	+	o	+	+	+
Sodium Phosphate	Na3PO4	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Phosphate	Na3PO4	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Phosphate	Na3PO4	10			60	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Silicate	Sodium Water Glass																
Sodium Sulphate	Na2SO4	50	1.46		20	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Sulphate	Na2SO4	50			40	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Sulphate	Na2SO4	50			60	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Sulphite	Na2SO3	GL	1.18		20	+	+	+	+	+	+	+	+	+	+	+	+

TR = technically pure, GL = saturated solution, H = commercial composition
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Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Sodium Sulphite	Na2SO3	GL			40	+	+	o	+	+	+	+	+	o	+	+	+
Sodium Sulphite	Na2SO3	GL			60	+	+	-	+	+	+	+	+	-	+	+	+
Sodium Tetraborate	Borax																
Sodium Thiosulfate	Na2S2O3	40			20	+	+	+	+	+	+	+	+	+	o	+	+
Sodium Thiosulfate	Na2S2O3	40			40	+	+	+	+	+	+	+	+	o	-	+	+
Sodium Thiosulfate	Na2S2O3	40			60	+	+	+	o	+	+	+	+	-	-	+	+
Sodium Water Glass	Na2SiO3	20	1.24		20	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Water Glass	Na2SiO3	20			40	+	+	+	+	+	+	+	+	+	+	+	+
Sodium Water Glass	Na2SiO3	20			60	+	+	+	+	+	+	+	+	+	+	+	+
Spindle Oil		TR			20	+	+	+	+	+	+	+	+	+	o	+	+
Spindle Oil		TR			40	+	+	+	o	+	+	+	+	+	-	+	+
Spindle Oil		TR			60	+	+	+	o	+	+	+	o	o	-	+	+
Spirit of Wine	Ethanol																
Spruce-Needle Oil	Essential Oils																
Stannous Chloride	SnCl2	20	1.17		20	o	+	-	+	+	+	+	+	+	+	+	+
Stannous Chloride	SnCl2	20			40	o	+	-	+	+	+	+	+	+	+	+	+
Stannous Chloride	SnCl2	20			60	o	+	-	+	+	+	+	+	+	+	+	+
Starch Gum	Dextrine																
Styrene	C6H5CHCH2	TR	0.91	All	20	+	+	+	o	o	+	+	o	-	-	+	+
Succinic Acid	Ethane Dicarbonic Acid																
Sulfur Chloride	S2CL2	10			20	o	+	o	o	+	+	-	+	-	-	+	+
Sulfuric Acid	H2SO4	40	1.30		20	o	+	-	+	+	+	+	+	o	+	+	+
Sulfuric Acid	H2SO4	40			40	-	+	-	+	+	+	+	+	o	+	+	+
Sulfuric Acid	H2SO4	40			60	-	o	-	o	+	+	+	+	-	+	+	+
Sulfuric Acid	H2SO4	80	1.73		20	o	+	-	+	+	+	+	+	-	+	+	+
Sulfuric Acid	H2SO4	80			40	-	o	-	+ [1)]	+	+	o	+	-	+	+	+
Sulfuric Acid	H2SO4	80			60	-	o	-	o	+	+	o	+	-	o	+	+
Sulfuric Acid	H2SO4	90	1.82		20	+ [1)]	+	-	o	+	+	o	+	-	+	+	+
Sulfuric Acid	H2SO4	90			40	o	+	-	o	+	+	o	+	-	+	+	+
Sulfuric Acid	H2SO4	90			60	o	+	-	o	+	+	o	+	-	o	+	+
Sulfuric Acid	H2SO4	98	1.84		20	+ [1)]	+	-	o	+	+	o	+	-	o	+	+
Sulfuric Acid	H2SO4	98			40	o	+	-	o	+	+	o	o	-	o	+	+
Sulfuric Acid	H2SO4	98			60	o	+	-	o	+	+	-	-	-	o	+	+
Sulfuric Ether	Ether																
Sulfurous Acid	H2SO3	50			20	o	+	-	+	+	+	+	+	o	+	+	+
Sulfurous Acid	H2SO3	50			40	o	+	-	+	+	+	+	+	-	+	+	+
Sulfurous Acid	H2SO3	50			60	-	o	-	+	+	+	+	o	-	+	+	+
Sulphite Lye	Calcium Bisulphite																
Sylvine	Potassium Chloride																
Tannic Acid	C2O6H6	50			20	+ [1)]	+	-	+ [1)]	+	+	-	+	+	+	+	+
Tannic Acid	C2O6H6	50			40	+ [1)]	+	-	+ [1)]	+	+	-	+	o	+	+	+
Tannic Acid	C2O6H6	50			60	+ [1)]	+	-	+ [1)]	+	+	-	+	-	+	+	+
Tanning Extracts Vegetable		H			20	+ [1)]	+	+	+ [1)]	+	+	-	+	+	+	+	+
Tanning Extracts Vegetable		H			40	+ [1)]	+	o	+ [1)]	+	+	-	+	o	+	+	+
Tanning Extracts Vegetable		H			60	+ [1)]	+	-	o	+	+	-	+	-	o	+	+
Tartaric Acid	C4H6O6	GL	1.76		20	+	+	-	+	+	+	+	+	+	+	+	+
Tartaric Acid	C4H6O6	GL			40	+	+	-	+	+	+	+	+	+	+	+	+
Tartaric Acid	C4H6O6	GL			60	+	+	-	+	+	+	+	+	o	+	+	+

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+ = resistant, 0 = limited resistance, - = not resistant

Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Tetrachloroethane	Cl2CH-CHCl2	TR	1.60		20	+	+	-	o	+	+	+	o	-	-	+	+
Tetrachloroethane	Cl2CH-CHCl2	TR			40	+	+	-	o	+	+	+	o	-	-	+	+
Tetrachloroethane	Cl2CH-CHCl2	TR			60	+	+	-	-	o	+	+	o	-	-	+	+
Tetrachloroethylene	Perchlorethylene																
Tetrachloromethane	CCl4	TR	1.59		20	+ [1)]	+	+	o	+	+[1)]	o	+	-	o	+	+
Tetrachloromethane	CCl4	TR			40	+ [1)]	+	+	o	+	+[1)]	o	+	-	-	+	+
Tetrachloromethane	CCl4	TR			60	+ [1)]	+	o	-	+	+[1)]	o	+	-	-	+	+
Tetrahydrofuran(e)	C4H8O	TR	0.89	B	20	+ [1)]	+	-	o	o	+	+	o	-	o	+	+
Tetrahydrofuran(e)	C4H8O	TR			40	+ [1)]	+	-	-	-	+	+	o	-	-	+	+
Tetrahydrofuran(e)	C4H8O	TR			60	+ [1)]	+	-	-	-	+	+	o	-	-	+	+
Tetrahydronaphtalene	Tetralin																
Tetraline	C10H12	100	0.97	AIII	20	+	+	+	-	+	+	+	+	-	o	+	+
Tetraline	C10H12	100			40	+	+	+	-	+	+	+	+	-	-	+	+
Tetraline	C10H12	100			60	+	+	+	-	+	+	+	+	-	-	+	+
Thiofuran	Thiophene																
Thionyl Chloride	SOCl2	TR	1.66		20	+	+	-	-	+	+	+	-	-	+	+	+
Thionyl Chloride	SOCl2	TR			40	+	+	-	-	+	+	+	-	-	+	+	+
Thionyl Chloride	SOCl2	TR			60	+	+	-	-	+	+	+	-	-	+	+	+
Thiophene	C4H4S			AI	20	+	+	-	o	+	+	+	+	-	+	+	+
Toluene	C7H8		0.87	AI	20	+	+	+	o	+	+	+	o	-	o	+	+
Toluene	C7H8				40	+	+	+	o	+	+	+	o	-	-	+	+
Toluene	C7H8				60	+	+	+	o	+	+	+	o	-	-	+	+
Toothpaste		H			20	+	+	+	+	+	+	+	+	+	+	+	+
Transformer Oil		TR			20	+	+	+	o	+	+	+	+	+	o	+	+
Transformer Oil		TR			40	+	+	+	o	+	+	+	+	+	-	+	+
Transformer Oil		TR			60	+	+	+	o	+	+	+	+	+	-	+	+
Tributyl Phosphate	C12H27O4P	TR	0.98		20	+	+	o	+	+	+	+	+	-	+	+	+
Tributyl Phosphate	C12H27O4P	TR			40	+	+	o	+	+	+	+	o	-	+	+	+
Tributyl Phosphate	C12H27O4P	TR			60	+	+	o	+	+	+	+	-	-	+	+	+
Trichloroacetic Acid	CCl3CO2H	50			20	o	+	-	+	+	+	+	-	-	+	+	+
Trichloroacetic Acid	CCl3CO2H	50			40	-	+	-	+	+	+	+	-	-	o	+	+
Trichloroacetic Acid	CCl3CO2H	50			60	-	+	-	+	o	+	+	-	-	-	+	+
Trichloroacetic Acid	CCl3CO2H	TR	1.62		20	o	+	-	+	+	+	+	-	o	+	+	+
Trichloroacetic Acid	CCl3CO2H	TR			40	-	+	-	o	+	+	+	-	-	o	+	+
Trichloroacetic Acid	CCl3CO2H	TR			60	-	+	-	o	o	+	+	-	-	-	+	+
Trichlorobenzene	C6H3Cl3				20	+ [1)]	+	-	o	+	+	-	+	-	+	+	+
Trichlorobenzene	C6H3Cl3				40	+ [1)]	+	-	o	+	+	-	+	-	+	+	+
Trichlorobenzene	C6H3Cl3				60	+ [1)]	+	-	o	+	+	-	+	-	o	+	+
Trichloroethane	C2H3Cl3	TR	1.34		20	+ [1)]	+	-	o	+	+	o	o	-	-	+	+
Trichloroethylene	C2HCl3	50			20	+	+	-	o	+	+[1)]	+	o	-	o	+	+
Trichloroethylene	C2HCl3	50			40	+	+	-	o	+	+[1)]	+	o	-	-	+	+
Trichloroethylene	C2HCl3	50			60	+	+	-	o	+	+[1)]	+	o	-	-	+	+
Trichloroethylene	C2HCl3	TR	1.47		20	+	+	-	o	+	+[1)]	+	+	-	o	+	+
Trichloroethylene	C2HCl3	TR			40	+	+	-	o	+	+[1)]	+	o	-	-	+	+
Trichloroethylene	C2HCl3	TR			60	+	+	-	-	+	+[1)]	+	o	-	-	+	+
Trichloromethane	Chloroform																
Trichlorophenol	Trichlorbenzene																
Tricresyl Phosphate	PO4(C6H4CH3)3	TR	1.13		20	+	+	+	+	+	+	+	-	o	o	+	+

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macnaught
M-SERIES

Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Tricresyl Phosphate	PO4(C6H4CH3)3	TR			40	+	+	+	o	+	+	+	-	-	-	+	+
Tricresyl Phosphate	PO4(C6H4CH3)3	TR			60	+	+	+	o	+	+	+	-	-	-	+	+
Triethylamine	C6H15N	TR	0.73	B	20	+	+	+	+	o	+	+	+	-	+	+	+
Triethylamine	C6H15N	TR			40	+	+	+	+	o	+	+	+	-	+	+	+
Triiodinemethane	CHJ3				20	+	+	-	+	+	+	+	+	+	o	+	+
Triiodinemethane	CHJ3				40	+	+	-	+	+	+	+	+	+	o	+	+
Triiodinemethane	CHJ3				60	+	+	-	+	+	+	+	+	o	-	+	+
Trilene	Trichloroethylene																
Triol	Butane Triol																
Trisodium Phosphate	Sodium Phosphate																
Turpentine Oil		H	0.86		20	+	+	+	-	+	+	+	+	+	-	+	+
Turpentine Oil		H			40	+	+	+	-	o	+	+	+	+	-	+	+
Turpentine Oil		H			60	+	+	+	-	o	+	+	+	+	-	+	+
Urea	CH4N2O	10			20	+	+	+	+	+	+	+	+	+	+	+	+
Urea	CH4N2O	33			40	+	+	o	+	+	+	+	+	+	+	+	+
Urea	CH4N2O	33			60	+	+	o	+	+	+	+	+	+	+	+	+
Urea	CH4N2O	10			40	+	+	+	+	+	+	+	+	+	+	+	+
Urea	CH4N2O	10			60	+	+	+	+	+	+	+	+	+	+	+	+
Urea	CH4N2O	33			20	+	+	+	+	+	+	+	+	+	+	+	+
Urine					20	+	+	-	+	+	+	+	+	+	+	+	+
Urine					40	+	+	-	+	+	+	+	+	+	+	+	+
Urine					60	+	+	-	+	+	+	+	+	+	+	+	+
Vinegar		H			20	+	+	o	+	+	+	+	-	+	+	+	+
Vinegar		H			40	+	+	o	+	+	+	+	-	+	+	+	+
Vinegar		H			60	+	+	-	+	+	+	+	-	o	o	+	+
Vinyl Acetate	C4H6O2	TR	0.93	Al	20	+	+	-	+	+	+	+	o	+	o	+	+
Vinyl Acetate	C4H6O2	TR			40	+	+	-	o	+	+	+	-	+	o	+	+
Vinyl Acetate	C4H6O2	TR			60	+	+	-	o	+	+	+	-	+	o	+	+
Vinyl Benzene	Tyrene																
Vinyl Carbinol	Allyl Alcohol																
Vinyl Cyanide	Acrylnitrile																
Vinylidenechloride	Dichloroethylene 1.1																
Water	H2O		1.00		20	+	+	+	+	+	+	+	+	+	+	+	+
Water	H2O				40	+	+	+	+	+	+	+	+	+	+	+	+
Water	H2O				60	+	+	+	+	+	+	+	+	+	+	+	+
Water, distilled	H2O		1.00		20	+	+	o	+	+	+	+	+	+	+	+	+
Water, distilled	H2O				40	+	+	o	+	+	+	+	+	+	+	+	+
Water, distilled	H2O				60	+	+	o	+	+	+	+	+	+	o	+	+
White Spirit				All		+ [1)]	+	-	+ [1)]	+	+	o	+	o	-	+	+
White Vitriol	Zinc sulphate																
Wool Fat	Lanolin																
Xylene	C6H4(CH3)2	TR	0.86	All	20	+	+	+	-	+	+	+	+	-	-	+	+
Xylene	C6H4(CH3)2	TR			40	+	+	+	-	+	+	+	o	-	-	+	+
Xylene	C6H4(CH3)2	TR			60	+	+	+	-	o	+	+	o	-	-	+	+
Zinc Chloride	ZnCl2	20	1.19		20	+	+	-	+	+	+	+	+	+	+	+	+
Zinc Chloride	ZnCl2	20			40	+	+	-	+	+	+	+	+	+	+	+	+
Zinc Chloride	ZnCl2	20			60	+	+	-	+	+	+	+	+	+	+	+	+
Zinc Chloride	ZnCl2	75	2.07		20	-	+	-	+	+	+	+	+	+	+	+	+

TR = technically pure, GL = saturated solution, H = commercial composition
+ = resistant, 0 = limited resistance, - = not resistant

Description	Chemical Formula	Consentration in %	Density [kg/dm³]	Danger Class (VbF)	Temperature [in C°]	Stainless Steel 316L (1. 4571)	Hastelloy C (2.4610)	Aluminium	PP	PVDF	ETFE (Tefzel®)	PPS (Ryton®)	FKM (Viton®)	NBR	EPDM	PTFE/FEP (Teflon®)	FFKM (Perfluor®)
Zinc Chloride	ZnCl2	75			40	-	+	-	+	+	+	+	+	+	+	+	+
Zinc Chloride	ZnCl2	75			60	-	+	-	+	+	+	+	+	+	+	+	+
Zinc Sulphate	ZnSO4	10	1.11		20	+	+	o	+	+	+	+	+	+	+	+	+
Zinc Sulphate	ZnSO4	10			40	+	+	o	+	+	+	+	+	+	+	+	+
Zinc Sulphate	ZnSO4	10			60	+	+	o	+	+	+	+	+	o	+	+	+
Zinc Sulphate	ZnSO4	GL	1.38		20	+	+	o	+	+	+	+	+	+	+	+	+
Zinc Sulphate	ZnSO4	GL			40	+	+	o	+	+	+	+	+	+	+	+	+
Zinc Sulphate	ZnSO4	GL			60	+	+	-	+	+	+	+	+	o	+	+	+

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