

Tato data slouží jako vodítko. Nemůžeme nést odpovědnost za chyby nebo opomenuti.  
Teplota, koncentrace, tlak a doba působení může způsobit korozi a deformaci materiálu.

CHEMICAL NAME	CHEMICKÝ NÁZEV	PLAST						ELASTOMERY					KOVY						KER.	
		PP	PVDF (Carbon Filled)	Nylon 11	PVC	PPS	PTFE	Acetal (Delrin)	Viton	EPDM	Nitrile	Silicone	Nerez, 303	Nerez, 316	Hliník	Mosaz	Hastelloy - C	Titan	Ceramic, Alumina	Ceramic Magnet
		A = vhodné						L = omezené					X = nevhodné							
Acetaldehyde	Acetaldehyd	L	X	A	L	A	A	A	X	A	X	L		A	L	A	A	A		
Acetic Acid (10%)	Octová kyselina (10%)	A	A	L	A	A	A	L	X	A	A	A	X	A	L	X	A	A	A	A
Acetic Acid, Glacial	Bezvodá octová kyselina	A	A	X	L	A	A	X	X	L	L	L	A	A	L	L	A	A	A	
Acetic Anhydride	Acetanhydrid	A	L	L	X	A	A	X	X	L	X	X		A	L	X	A	A	A	
Acetone	Aceton	X	L	A	X	A	A	A	X	A	X	L	X	A	L	A	A	A	A	A
Acetonitrile	Acetonitril	A	L	A		A	X		A	A	A	X		A	A	L	L			
Acetophenone	Acetofenon	A	A	A	X	A	A		X	A	X	X			L		L			
Acetyl Chloride	Acetylchlorid	X	A	L	X	A	A	X	A	X	X	L		L		X	A			
Acrylic Acid	Akrylová kyselina		A	X	X				X		X									
Aluminium Chloride	Chlorid hlinitý	A	A	A	A	A	A	L	A	A	A	L	X	X	X	L	A	L	A	L
Aluminium Sulphate	Síran hlinitý	A	A	A	A	A	A		A	A	A	A		A	L		A		A	
Ammonium Hydroxide (35%)	Hydroxid amonný (35%)	A	L	A	A	A			L	A	A	A	A	A					A	
Ammonium Sulphate (50%)	Síran amonný (50%)	A	A	A	A	A			A	A	A	A	A	A					A	
Amyl Acetate	Amyloctan	A	A	A	X	A	A	A	X	X	X	X			A	A	A	A	A	A
Aniline	Anilin	A	L	A	X	A	A	A	L	L	X	X		L	L	X	L	L	A	
Antimony Trichloride (10%)	Chlorid antimonitý (10%)	A	A	A	A				A		A	X		X					A	
Aqua Regia	Lučavka královská	L	L	X	A	X	A	X	L	X	X	X		X	X	X	X	A	X	L
Arsenic Acid	Kyselina arseničná	A	A		A		A	X	A	A	A	X		A	X	X	L	L	A	
ASTM Oil No.1	ASTM Olej č.1	A	A	A	A				A	X	A	A								
ASTM Oil No.2	ASTM Olej č.2		A	A	A				A	X	A	A								
ASTM Oil No.3	ASTM Olej č.3	L	A	A	A				A	X	A	L								
Barium Chloride	Chlorid barnatý	A	A	A	A	A	A	A	A	A	A	A	A	X	X	L	L	A	A	A
Benzaldehyde	Benzaldehyd	L	A	L	X	A	A	A	X	A	X	X		L	L	A	A	A	A	A
Benzene	Benzen	X	A	L	X	A	A	A	L	X	X	X	A	L	L	A	L	A	A	A
Benzyl Alcohol	Benzylalkohol	A	A	X	L	A	A		L	X	X	L		A	A		L		A	
Benzyl Chloride	Benzylchlorid	L	A	L	X	A	A	A	A	X	A	X		L	X	X	L			
Boric Acid	Kyselina orthoboritá	A	A	A	A	A	A		A	A	A	A	X	A	X	A	A		A	A
Bromine Liquid	Brom	X	A	X	L	X	A	X	A	X	X	X		X	L	0	A	X	A	X
Butanol	Butanol	A	A	L	A	A	A	A	A	L	A	L	A	A	L		L	L	A	A
Butyl Acetate	Butyl octan	L	L	A	X	A	A	A	X	L	X	X		A		A	A	A	A	
Butyl Chloride	Butyl Chloride	X		L	X		A			X	X	X		L	X		L			
Butylamine	Butylamin	A	L	L	X	L			X	A	X	X			A					
Butyric Acid	Máselná kyselina	A	A	X	L	A	A	A	L	X	X	X		L	L	L	A	A	A	A
Calcium Chloride	Chlorid vápenatý	A	A	A	A	A	A	X	A	A	A	A	X	X	X	L	A	A	A	A
Carbon Disulphide	Sulfid uhličitý	L	A	L	X	A	A	A	A	X	X	A	A	L	A	L	L	L	A	
Carbon Tetrachloride	Tetrachlormethan	L	A	X	X	A	A	L	A	X	X	X	A	L	X	L	A	A	A	A
Castor Oil	Ricinový olej	A	A	A	A	A	A	A	A	L	A	X		A	A	A	A	A	A	A
Cellosolve	Celosolv	A	A	A		A	A		A	L	L	X		A	A		A			
Cellosolve Acetate	Cellosolve Acetate	A	A		X	A			X	A	X	X								
Chloroacetic Acid	Chloroacetic Acid	A	A	X	A	A	A	X	X	L	X	X	A	X	X	X	A	A	A	X
Chlorine Dioxide	Oxid chloričitý	L	A	X			A		A	X	X	X		X	L		L			
Chlorine Gas (Dry)	Chlor (plyn, suchý)	X	A	X	L	X	A		A	X	X	X	X	A	X		A		A	
Chlorine Water	Chlorová voda	L	A	X	L	X	A	X	A	L	X	X	A	X	L	X	A	A	L	A
Chlorobenzene	Chlorobenzen	A	A	X	X	A	A		L	X	X	L		L		A	L		L	

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		A = vhodné							L = omezené					X = nevhodné						
Chlorosulphonic Acid	Chlorosulphonic Acid	X	L	X	L	X	A	X	X	X	X	X		X	L	L	A	A	L	A
Chrome Plating Solution	Chromování		A	X	A				A	L	X	L								
Citric Acid (10%)	Citronová kyselina (10%)	A	A	A	A	A	A	L	A	A	A	A	X	A	L	X	A	A	A	A
Cod Liver Oil	Olaj z tresčích jater	A	A	X	A		A	L	A	A	A	L		A	A		A		A	
Copper Sulphate	Copper Sulphate	A	A	A	A	A	A	X	A	A	A	A	X	A	X	L	A	A	A	A
Cotton Seed Oil	Cotton Seed Oil	A	A	L	L	A	A	A	A	X	A	A		A	A	A	A	A	A	
Cresols	Kresol	A	A	X	L	A	A	X	L	X	X	X		A	A		L	L	A	
Cyclohexane	Cyclohexan	L	A	A	X	A	A	A	A	X	L	X	A	L	A	A	L	A	A	A
Cyclohexanol	Cyclohexanol	L	A	A	A	A	A			L	L	X		A	L		A			
Cyclohexanone	Cyclohexanon	A	A	L	X	A	A	A	X	X	X	X		L	A		L	A	A	A
Decalin	Dekalin	L	A	A					A	X	X	X			L					
Diesel Oil	Nafta (motorová)	L	A	A	A	A	A	A	A	X	A	X	A	A	A	A	L	L	A	
Diethyl Ether	Diethylether	X	L	A	X	A	A		X	X	X	X		L	L	L	L	A	A	
Diethylamine	Diethylamin	A	A	X	X		X	L		X	L	X		A	L	A	A	A	A	
Diethylene Glycol	Diethylenglykol	A	A	A	A		A	A	A	A	A	L		A	L	A	L	A	A	
Dimethyl Formamide (DMF)	Dimethylformamid	A	X	A	X	A	X	X	X	A	L	A		L	A		A		A	
Dimethylamine	Dimethylamin	A	A		L				X	X	X	X								
Dimethylhydrazine	Dimethylhydrazin	A			X				X	L	X	X								
Diethyl Phthalate	Diethyl Phthalate	A		A	X	A	A		L	L	X	A							A	
Dioxane	Dioxan	A	L	A	X	X			X	L	X	X								
Ethyl Acetate	Octan ethylnatý	A	L	A	X	A	A	A	X	A	X	L	A	L	A	A	A	A	A	
Ethyl Alcohol	Ethanol	A	A	L	A	A	A		X	A	X	A	A	A		A	A		A	A
Ethyl Chloride	Chloroethan	X	A	A	X	A	X	A	A	X	X	X	A	A	L	A	L	A	A	A
Ethylamine	Ethylamin	X	X						A	A	X	X								
Ethylene Glycol	Ethylenglykol	A	A	A	A	A	A	L	L	A	A	A	A	L	A	L	L	A	A	A
Ferric Chloride	Chlorid železitý	A	A	X	A	A	A	X	A	A	A	A	X	X	X	X	L	A	A	
Fluorine	Fluor	X	L	X	X		A		L	X	X	X		X	A					
Fluoroboric Acid	Kyselina tetrafluoroboritá	A	A	X	A	A	A	A	X	A	A	X		L	X		A	X	X	A
Formaldehyde (40%)	Formaldehyd (40%)	A	L	L	A	A	A	A	A	A	A	L	A	A	L	A	L	L	A	A
Formic Acid	Mravenčí kyselina	A	A	X	A	A	A	A	L	L	L	L		L	A	L	A	L	A	A
Formic Acid (90%)	Mravenčí kyselina (90%)	A	A	X	A	A			A	A	X	L		A						
Furfural	Furfural	A	L	L	X	A	A	A	X	A	X	X	A	L	A	L	L	A	A	
Glycerol	Glycerol	A	A	A	A	A	A		A	A	A	A	A	A		A	A		A	A
Hexane	Hexan	L	A	L	A	A	A	A	A	X	A	X		A	A	A	A	A	A	A
Hexofluoro Propanol	Hexofluoro propanol																			
Hydrazine Hydrate	Hydrát hydrazinu	A	X	X	A		L	L	X	A	X	X		A						
Hydrobromic Acid (20%)	Kyselina bromovodíková (20%)	A	A	X	L	A	A	L	A	A	X	X		X	X	X	A	A		A
Hydrochloric Acid	Kyselina chlorovodíková	A	A	X	A	A			A	A	L	L	X	A						
Hydrochloric Acid (10%)	Kyselina chlorovodíková (10%)	A	A		A				A	A	A									
Hydrochloric Acid (20%)	Kyselina chlorovodíková (20%)	A	A	X	A	A	A	L	A	A	X	X		X	X	X	A	X	L	A
Hydrochloric Acid (37%)	Kyselina chlorovodíková (37%)	L	A	X	A	A	A	L	A	L	A	X		X	X	X	L	X	L	X
Hydrofluoric Acid	Kyselina fluorovodíková	X	A	X	A	L			A	A	X	X	X	X	X	X	A	X	X	X
Hydrogen Peroxide (35%)	Hydrogenperoxid (35%)	A	A	X	A	A		X	A	A	X	A	X	A					A	A
Hydrogen Peroxide (87%)	Hydrogenperoxide (87%)	X	A	X	A	X		X	A	L	X	L	X	A	A	X	A	A	A	A
Hydrogen Sulphide	Hydrogensulfid	A	A	L	A	A	A		X	A	X	L	X	A	L	X	A	A	A	X
Iso-Octane	Iso-oktan	A	A	A	A	A	A		A	X	A	X		A	A		A		A	
Iso-Propanol	2-propanol	A	A	L	A				A	A	L	X	A	A					A	
Lactic Acid	Mlečná kyselina	L	L	A	L	A	A	L	A	A	L	A		L	L	X	L	A	A	
Lead Acetate	Lead Acetate	A	A	A	A	A	A	L	A	A	L	X		L	X	L	L	A	A	
Lead Acetate (10%)	Lead Acetate (10%)	A	A	L	A				A	A				A					A	
Linseed Oil	Lněný olej	A	A	A	A	L	A		A	A	A	A		A		L	L	A	A	A
Lubricating Oil	Mazací olej	A	A	A	A	A	A	A	A	X	A	X	A	A	A	A	A	A	A	

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Methyl Alcohol	Methanol	A	A	A	A	X	A	A	X	A	A	A	A	A	A	A	A	L	A	A
Methyl Bromide	Methylbromid	L	A	L	X		A	X	A	X	X	X	A	X		L			A	
Methyl Ethyl Ketone	Methylethylketon	A	X	A	X	A	A	L	A	X	X	X	A	A		A	A	A	A	A
Methylene Dichloride	Dichloromethan	L	L	X	X	A	A	X	L	X	X	L		A		A	A		A	
Molasses	Melasa	A	A	A	A	A	A	A	A	A	A	A		A	A	L	A	A	A	A
Monoethanolamine	Monoethanolamine	X	X	A	X	A	A	X	X	A	X	L		A	L			L		
Nickel Chloride	Chlorid nikelnatý	A	A	L	A	A	A	A	A	A	A	A	X	L	X	X	L	A	A	X
Nitric Acid (10%)	Kyselina dusičná (10%)	A	A	X	A	L	A	X	A	A	L	L	X	A	A	X	A	A		X
Nitric Acid (50%)	Kyselina dusičná (50%)	A	A	X	L	X	X	X	X	X	X	X		A	X	X	X	A	A	L
Nitrobenzene	Nitrobenzen	A	A	X	X	A	A	L	X	A	X	A		L	L	L	X	A	A	
Nitromethane	Nitromethan	X	A	X	L	A	A	A	X	L	X	X		A	A		A		A	
Nitropropane	Nitropropan			X	X		A		X	A	X	L		A			A		A	
N-Propanol	N-Propanol	A	A	L	A				A	A	A	A								
Oleic Acid	Olejová kyselina	L	A	A	A	A	A		A	X	A	A		L	A	L	A		A	
Olive Oil	Olivový olej	X	X	A	A	A	A	A	A	L	A	X		A		A	A	A	A	
Oxalic Acid	Oxalová kyselina	A	A	L	A	A	A	L	A	A	L	L		L	A	X	L	A	A	A
Ozone	Ozon	L	A	X	A		A	L	A	A	X	A		A	L		A			
Parafin Oil	Parafinový olej	A	A	A	A	A	A	A	A	X	A	X		A	A	A	L	A	A	
Perchlorethylene	Perchlorethylen	X	A	L	X	A	A	L	A	X	L	X		A	L	L	L	A	A	
Peroxymonosulphuric Acid	Kyselina peroxomonosírová			L					A	X	X	X								
Petrol	Benzin	L	A	A	A	A	A		A	X	A	X	A	A	X		A		A	A
Phenol	Fenol	L	A	X	L	A	A	L	L	A	X	X		L	A	L	A	L	A	
Phosphoric Acid	Kyselina orthofosforečná	A	A	X	A	A	A	X	A	A	X	X	A	X	L	X	L	L	X	L
Picric Acid	Pikrová kyselina	L	A	L	A	A	A	A	A	A	L	X		L	L		L	A	A	
Potassium Cyanide	Kyanid draselný	A	A	A	A	A	A	L	A	A	A	A		L	X	X	L	A	X	
Potassium Fluoride	Fluorid draselný	A			A				A	A	A			A						
Potassium Hydroxide (50%)	Hydroxid draselný	A	X	L	A	A	A	A	X	A	L	L	A	A	X	X	L	X	A	A
Potassium Permanganate (25)	Manganistan draselný	A	A	X	A	A	A	A	A	A	A	A		A	L		A	A	A	
Potassium Sulphate	Síran draselný	A	A	A	A	A	A	L	A	A	A	A	X	A	X	X		A	A	A
Propionic Acid	Propionová kyselina	A		X	A		A		A	X	X			L		L	A		A	
Propylene Oxide	Propylene Oxide	A	L	A	L		A		X	L	X	X		A						
Pyridine	Pyridin	L	L	L	X	A	A	L	X	L	X	X		A		X	L	L	A	
Rapeseed Oil	Řepkový olej	X	A	A	A		A		A	A	A	X		A		A	A	A	A	
Silicone Fluids	Silikonový tekutiny	A	A	A	A	A	A	A	A	A	A	L	A	A	A	A	A		A	A
Silver Nitrate	Dusičnan stříbrný	A	A	A	A	A	A	A	A	A	A	A		L	X	X	A	A	A	
Sodium Borate	Borat sodný	A	A	L	L	A	A	A	A	A	A	A		A	L	A	A	A	A	
Sodium Carbonate	Uhlíčan sodný	A	A	L	A	A	A	A	A	A	A	A	X	A	X	L	A	A	A	A
Sodium Chloride (25%)	Chlorid sodný (25%)	A	A	A	A	A	A	A	A	A	A	A		A		X	A	A	A	A
Sodium Chlorite	Chloritan sodný	A	A	X	A		A				L			A			A			
Sodium Cyanide	Kyanid sodný	A	A	A	A	A	A	A	A	A	A	A	X	L	X	X	A	A	A	A
Sodium Hydroxide (10%)	Louh sodný (10%)	A	L	A	A	A			L	A	A	A	X	A					A	A
Sodium Hydroxide (20%)	Louh sodný (20%)	A	A	A	A	A	A	A	L	A	A	A		L	X	L	L	A	A	
Sodium Hydroxide (60%)	Louh sodný (60%)	A	L	L	A	A			L	A	A	A	X	X					A	A
Sodium Hypochlorite (<20%)	Chloman sodný (<20%)	A	A	X	A	X	A	X	X	A	A	A	X	X	X	X	L	L	X	A
Sodium Hypochlorite (100%)	Chloman sodný (100%)	L	A	X	L	A	A	X	A	L	X	L		X	X	X	L	L	A	A
Sodium Nitrate	Dusičnan sodný	A	A	A	A	A	A	A	A	A	A	A	X	X	L		L	A	A	A
Stannous Chloride	Chlorid cínatý	A	A	X	A	A	A	L	A	A	A	A	X	X	X	X	L	A	A	
Styrene	Styren (fenylethen)	X	A	A	X		A	A	A	X	X	X		A	A	A	X		A	
Sulphamic Acid	Sulphamic Acid	A	A		A		A			A				X			A			
Sulphur Dioxide	Oxid siřičitý	A	L	X	A	A	A	L	A	A	L	A	A	A	L	X	L	A	A	
Sulphuric Acid (10%)	Kyselina sírová (10%)	A	A	X	A	A			A	A	A	L	X	L	X				X	
Sulphuric Acid (70%)	Kyselina sírová (70%)	A	A	X	A	X	A		A	A	X	X	X	X			A		X	

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Sulphuric Acid (96%)	Kyselina sírová (96%)	A	A	X	A	X	A		L	X	X	X		X			A			L
Sulphuric Acid (Fuming)	Kyselina sírová (Dýmavá), Oleum	X	L	X	X				L	X	X	X		X	X					
Tetrachloroethane	Tetrachloroethan	A	A	X	X		A	A	A	X	X	X		L	L	L	A	A	A	
Tetrahydrofuran (THF)	Tetrahydrofuran (THF)	L	A	A	X	A	L	A	X	X	X	X		A		A	A	L	A	
Tetralin	Tetralin	L	A	A	X	A	A		A	X	X	X		A			A			
Thionyl Chloride	Dichlorid thionylu	X	A	X	X		A		X	X	X	X		A		X	A			
Titanium Tetrachloride	Titanium Tetrachloride	L		X	X		A		A	X	L	X		L			L	A		
Transformer Oil	Olej transformátoru	L	A	A	L		A	A		X	A	L		A			A		A	
Trichloroacetic Acid	Trichloroacetic Acid	A	A	L	L	A	A		L	L	L	X		X	X	X	L	X	A	
Trichloroethane	Trichloroethan	L	A	L	X		A		A	X	X	X		L	X		A	A	A	
Trichloroethylene	Trichloroethylen	X	L	X	X	L	A	X	L	X	X	X	A	L	X	A	A	A	A	
Tricresyl Phosphate	Trikresylfosfat	L		A	X		A	L	A	X	X	L		L	X	A	A	L	X	
Triethanolamine	Triethanolamin	A	A	A	A				X	X	A	X								
Triethylamine	Triethylamin	L	L	A	L		A	X	L	X	X	X		A			A		L	
Turpentine	Terpentýn	X	X	L	A	A	A	A	A	X	A	X	X	A	A	X	L	L	A	
Vegetable Oils	Rostlinný olej	X	A	A	A	A	A		A	L	L	L		A		A	A		A	
Vinyl Acetate	Vinyl-acetát (ethenylethanoat)	A	A	L	X		A		X	L	L	X		L	A		A		L	
Vinyl Chloride	Vinylchlorid	L	A	X	X		A		A	L	X	X		A	L		A	A	A	
Water (Drinking)	Voda (pitná)	A	A		A	A	A		A	A	A	A		A		A	A		A	
Water (sea)	Voda (mořská)	A	A	A	A	A	A	A	A	A	A	A		L	L	X	A	A	A	
White Spirit	Lakový benzin	A	A						A	X	A	A	A	A					A	
Wine	Víno	A	A	A	A		A		L	A	X	A	A	A		X	A		A	
Xylene	Xylen	L	A	A	X	A	A	A	A	X	X	X		L	A	A	A	A	A	
Zinc Chloride	Chlorid zinečnatý	A	A	A	A	A	A	L	A	A	L	L		L	X	X	L	A	X	
Zinc Chloride (Aq.sol)	Chlorid zinečnatý (ve vodě)	A	A	L	A	A			A	A	A	A	X	A					A	