

Tato data slouží jako vodítko. Nemůžeme nést odpovědnost za chyby nebo opomenutí.
 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								
Iso-Propanol	2-propanol	A	A	L	A				A	A	L	X	A	A						A	
Acetaldehyde	Acetaldehyd	L	X	A	L	A	A	A	X	A	X	L		A	L	A	A	A			
Acetic Anhydride	Acetanhydrid	A	L	L	X	A	A	X	X	L	X	X		A	L	X	A	A	A		
Acetophenone	Acetofenon	A	A	A	X	A	A		X	A	X	X			L		L				
Acetone	Aceton	X	L	A	X	A	A	A	X	A	X	L	X	A	L	A	A	A	A	A	A
Acetonitrile	Acetonitril	A	L	A		A	X		A	A	A	X		A	A	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										
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		
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									
Benzaldehyde	Benzaldehyd	L	A	L	X	A	A	A	X	A	X	X		L	L	A	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	A
Petrol	Benzin	L	A	A	A	A	A		A	X	A	X	A	A	X		A		A	A	A
Benzyl Alcohol	Benzylalkohol	A	A	X	L	A	A		L	X	X	L		A	A		L		A		A
Benzyl Chloride	Benzylchlorid	L	A	L	X	A	A	A	A	X	A	X		L	X	X	L				
Acetic Acid, Glacial	Bezvodá octová kyselina	A	A	X	L	A	A	X	X	L	L	L	A	A	L	L	A	A	A	A	
Sodium Borate	Borat sodný	A	A	L	L	A	A	A	A	A	A	A		A	L	A	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	A
Butyl Chloride	Butyl Chloride	X		L	X		A			X	X	X		L	X		L				
Butyl Acetate	Butyl octan	L	L	A	X	A	A	A	X	L	X	X		A		A	A	A	A	A	
Butylamine	Butylamin	A	L	L	X	L			X	A	X	X			A						
Cellosolve Acetate	Cellosolve Acetate	A	A		X	A			X	A	X	X									
Cellosolve	Celosolv	A	A	A		A	A		A	L	L	X		A	A		A				
Chlorine Gas (Dry)	Chlor (plyn, suchý)	X	A	X	L	X	A		A	X	X	X	X	A	X		A		A		A
Chloracetic Acid	Chloracetic Acid	A	A	X	A	A	A	X	X	L	X	X	A	X	X	X	A	A	A	A	X
Antimony Trichloride (10%)	Chlorid antimony (10%)	A	A	A	A				A		A	X		X						A	
Barium Chloride	Chlorid barnatý	A	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		
Aluminium Chloride	Chlorid hlinitý	A	A	A	A	A	A	L	A	A	A	L	X	X	X	L	A	L	A	L	
Magnesium Chloride	Chlorid hořečnatý	A	A	A	A	A	A	L	A	A	A	A	X	X	X	X	A	A	A	A	
Nickel Chloride	Chlorid nikelnatý	A	A	L	A	A	A	A	A	A	A	A	X	L	X	X	L	A	A	X	
Mercuric Chloride	Chlorid rtuťnatý	A	A	X	A	A	A	L	A	A	L		X	X	X	X	L	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	
Calcium Chloride	Chlorid vápenatý	A	A	A	A	A	A	X	A	A	A	A	X	X	X	L	A	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		
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	
Sodium Chlorite	Chloritan sodný	A	A	X	A		A				L			A		A					
Sodium Hypochlorite (<20%)	Chlornan sodný (<20%)	A	A	X	A	X	A	X	X	A	A	A	X	X	X	X	L	L	X	A	

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		A = vhodné						L = omezené					X = nevhodné							
Sodium Hypochlorite (100%)	Chlornan sodný (100%)	L	A	X	L	A	A	X	A	L	X	L		X	X	X	L	L	A	A
Chlorobenzene	Chlorobenzen	A	A	X	X	A	A		L	X	X	L		L		A	L		L	
Chlorobenzene (mono)	Chlorobenzen (mono)	L	A	X	L	A	L	X	A	X	X	A	L	L	A	L	L	L	A	A
Ethyl Chloride	Chloroethan	X	A	A	X	A	X	A	A	X	X	X	A	A	L	A	L	A	A	A
Chlorosulphonic Acid	Chlorosulphonic Acid	X	L	X	L	X	A	X	X	X	X	X		X	L	L	A	A	L	A
Chlorine Water	Chlorová voda	L	A	X	L	X	A	X	A	L	X	X	A	X	L	X	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
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	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					
Thionyl Chloride	Dichlorid thionylu	X	A	X	X		A		X	X	X	X		A		X	A			
Methylene Dichloride	Dichloromethan	L	L	X	X	A	A	X	L	X	X	L		A		A	A		A	
Diethylamine	Diethylamin	A	A	X	X		X	L		X	L	X		A	L	A	A	A	A	A
Diethylene Glycol	Diethylenglykol	A	A	A	A		A	A	A	A	A	L		A	L	A	L	A	A	A
Diethyl Ether	Diethylether	X	L	A	X	A	A		X	X	X	X		L	L	L	L	A	A	
Dimethylamine	Dimethylamin	A	A		L				X	X	X	X								
Dimethyl Formamide (DMF)	Dimethylformamid	A	X	A	X	A	X	X	X	A	L	A		L	A		A		A	
Dimethylhydrazine	Dimethylhydrazin	A			X				X	L	X	X								
Diocetyl Phthalate	Diocetyl Phthalate	A		A	X	A	A		L	L	X	A								A
Dioxane	Dioxan	A	L	A	X	X			X	L	X	X								
Sodium Nitrate	Dusičnan sodný	A	A	A	A	A	A	A	A	A	A	A	X	X	L		L	A	A	A
Silver Nitrate	Dusičnan stříbrný	A	A	A	A	A	A	A	A	A	A	A		L	X	X	A	A	A	
Ethyl Alcohol	Ethanol	A	A	L	A	A	A		X	A	X	A	A	A		A	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
Phenol	Fenol	L	A	X	L	A	A	L	L	A	X	X		L	A	L	A	L	A	
Fluorine	Fluor	X	L	X	X		A		L	X	X	X		X	A					
Potassium Fluoride	Fluorid draselný	A			A				A	A	A			A						
Formaldehyde (40%)	Formaldehyd (40%)	A	L	L	A	A	A	A	A	A	A	L	A	A	L	A	L	L	A	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						
Hydrogen Peroxide (35%)	Hydrogenperoxid (35%)	A	A	X	A	A		X	A	A	X	A	X	A					A	A
Hydrogen Peroxide (87%)	Hydrogenperoxid (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
Ammonium Hydroxide (35%)	Hydroxid amonný (35%)	A	L	A	A	A			L	A	A	A	A	A					A	
Potassium Hydroxide (50%)	Hzdroxid draselný	A	X	L	A	A	A	A	X	A	L	L	A	A	X	X	L	X	A	A
Iso-Octane	Iso-oktan	A	A	A	A	A	A		A	X	A	X		A	A		A		A	
Cresols	Kresol	A	A	X	L	A	A	X	L	X	X	X		A	A		L	L	A	
Potassium Cyanide	Kyanid draselný	A	A	A	A	A	A	L	A	A	A	A		L	X	X	L	A	X	
Sodium Cyanide	Kyanid sodný	A	A	A	A	A	A	A	A	A	A	A	X	L	X	X	A	A	A	A
Arsenic Acid	Kyselina arseničná	A	A		A		A	X	A	A	A	X		A	X	X	L	L	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									

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		A = vhodné					L = omezené					X = nevhodné								
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
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
Hydrofluoric Acid	Kyselina fluorovodíková	X	A	X	A	L			A	A	X	X	X	X	X	X	A	X	X	X
Boric Acid	Kyselina orthoboritá	A	A	A	A	A	A		A	A	A	A	X	A	X	A	A		A	A
Phosphoric Acid	Kyselina orthofosforečná	A	A	X	A	A	A	X	A	A	X	X	A	X	L	X	L	L	X	L
Peroxymonosulphuric Acid	Kyselina peroxomonosírová			L					A	X	X	X								
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	
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					
Fluoroboric Acid	Kyselina tetrafluorboritá	A	A	X	A	A	A	A	X	A	A	X		L	X		A	X	X	A
White Spirit	Lakový benzin	A	A						A	X	A	A	A	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
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
Aqua Regia	Lučavka královská	L	L	X	A	X	A	X	L	X	X	X		X	X	X	X	A	X	L
Potassium Permanganate (25%)	Manganistan draselný	A	A	X	A	A	A	A	A	A	A	A		A	L		A	A	A	
Butyric Acid	Máselná kyselina	A	A	X	L	A	A	A	L	X	X	X		L	L	L	A	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	A
Molasses	Melasa	A	A	A	A	A	A	A	A	A	A	A		A	A	L	A	A	A	A
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
Lactic Acid	Mlečná kyselina	L	L	A	L	A	A	L	A	A	L	A		L	L	X	L	A	A	
Monoethanolamine	Monoethanolamine	X	X	A	X	A	A	X	X	A	X	L		A	L		L			
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						
Diesel Oil	Nafta (motorová)	L	A	A	A	A	A	A	A	X	A	X	A	A	A	A	L	L	A	
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								
Ethyl Acetate	Octan ethylnatý	A	L	A	X	A	A	A	X	A	X	L	A	L	A	A	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
Transformer Oil	Olej transformátoru	L	A	A	L		A	A		X	A	L		A			A		A	
Cod Liver Oil	Olej z tresčích jater	A	A	X	A		A	L	A	A	A	L		A	A		A		A	
Oleic Acid	Olejevá 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
Chlorine Dioxide	Oxid chloričitý	L	A	X			A		A	X	X	X		X	L		L			
Sulphur Dioxide	Oxid siřičitý	A	L	X	A	A	A	L	A	A	L	A	A	A	L	X	L	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	
Perchloroethylene	Perchloroethylen	X	A	L	X	A	A	L	A	X	L	X		A	L	L	L	A	A	
Picric Acid	Pikrová kyselina	L	A	L	A	A	A	A	A	A	L	X		L	L		L	A	A	
Propionic Acid	Propionová kyselina	A		X	A		A		A	X	X			L		L	A		A	

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		A = vhodné						L = omezené					X = nevhodné								
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		
Castor Oil	Ricínový olej	A	A	A	A	A	A	A	A	L	A	X		A	A	A	A	A	A	A	
Vegetable Oils	Rostlinný olej	X	A	A	A	A	A		A	L	L	L		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
Ammonium Sulphate (50%)	Síran amonný (50%)	A	A	A	A	A			A	A	A	A	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
Aluminium Sulphate	Síran hlinitý	A	A	A	A	A	A		A	A	A	A		A	L		A			A	
Styrene	Styren (fenylethen)	X	A	A	X		A	A	A	X	X	X		A	A	A	X			A	
Carbon Disulphide	Sulfid uhličitý	L	A	L	X	A	A	A	A	X	X	A	A	L	A	L	L	L	A		
Sulphamic Acid	Sulphamic Acid	A	A		A		A			A				X			A				
Turpentine	Terpentýn	X	X	L	A	A	A	A	X	A	X	X	A	A	A	X	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	
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				
Titanium Tetrachloride	Titanium Tetrachloride	L		X	X		A		A	X	L	X		L			L	A			
Toluene	Toluen (methylbenzen)	A	A	A	X	A	A	L	L	X	X	X	A	A	A	A	A	A	A	A	
Trichloroacetic Acid	Trichloroacetic Acid	A	A	L	L	A	A		L	L	L	X		X	X	X	L	X	A		
Chloroform	Trichlormethan	L	A	X	X	A	A	A	L	X	X	X		A	X	L	A	A	A	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	L	
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	
Tricresyl Phosphate	Trikresylfosfat	L		A	X		A	L	A	X	X	L		L	X	A	A	L	X		
Sodium Carbonate	Uhličitan sodný	A	A	L	A	A	A	A	A	A	A	A	X	A	X	L	A	A	A	A	
Wine	Víno	A	A	A	A		A		L	A	X	A	A	A		X	A			A	
Vinyl Acetate	Vinyl-acetat (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 (sea)	Voda (mořská)	A	A	A	A	A	A	A	A	A	A	A		L	L	X	A	A	A	A	
Water (Drinking)	Voda (pitná)	A	A		A	A	A		A	A	A	A		A		A	A			A	
Xylene	Xylen	L	A	A	X	A	A	A	A	X	X	X		L	A	A	A	A	A	A	