

Product	Rating		Product	Rating		Product	Rating	
	20 °C	60 °C		20 °C	60 °C		20 °C	60 °C
<b>Acids</b>			<b>Bases</b>			<b>Organic Substances, Solvents</b>		
Benzoic acid	1	2	Aqua ammonia	1	1	Acetone	3	4
Boric acid	1	1	Calciumhydroxide	1	1	Aniline	1	1
Hydrobromic acid 25 %	2	3	Potassiumhydroxide	1	1	Benzol	3	4
Citric acid	1	1	Caustic soda	1	1	Petrol	4	4
Hydrocyanic acid	2	2	Acid salt	1	1	Butyl alcohol	1	1
Hydrofluoric acid	2	2	Basic salt	1	1	Ethyl acetate	2	4
Phosphoric acid 25 %	1	1	Neutral salt	1	1	Ethyl alcohol	1	1
Phosphoric acid 85 %	1	1	<b>Various salt</b>			Ethyl dichloride	3	4
Phthalic acid	1	1	Potassium bicarbonate	1	2	Ethyl ether	4	4
Tannic acid	1	1	Potassium permanganate	1	2	Phenol	2	2
Chromic acid	1	2	Sodium cyanide	1	1	Formalin 37%	1	2
Maleic acid	1	1	Natriumferricyanid	1	2	Heptanes	3	4
Oleic acid	2	3	Sodium hypochlorite	2	3	Chlorobenzene	3	4
Oxalic acid	1	1				Chloroform	4	4
Nitric acid 5 %	2	3				Carbon disulphide	4	4
Nitric acid 65 %	4	4				Carbon tetrachloride	4	4
Chlorhydric acid 10 %	1	1				Methyl alcohol	1	1
Chlorhydric acid 37 %	2	3				Methylene (di)chloride	4	4
Butyric acid	1	1				Methyl ethyle ketone	3	4
Sulphuric acid 10 %	1	1				Nitrobenzene	3	4
Sulphuric acid 78 %	2	4				Toluene	3	4
Sulphuric acid 93 %	3	4				Trichlorethylene	4	4
Tartaric acid	1	1				<b>Gases</b>		
Acetic acid 10 %	1	1				Chlorine (damp)	2	4
Acetic acid 50 %	1	1				Chlorine (dry)	2	4
Acetic acid 75 %	1	1	Excellent (no attack)	1	1	Carbon dioxide	1	1
Acetic acid 100 %	2	3	Good (no significant attack)	2	1	Carbon monoxide	1	1
Perchloric acid	1	2	Acceptable (light attack, limited use)	3	3	Sulphur dioxide (damp)	2	3
			Unacceptable (significant attack)	4	3	Sulphur dioxide (dry)	2	3
			Inferior (possible cracking or dissolving)	5	1	Hydrogen sulphide	1	1

<b>Sorption of liquids</b>				
Solution	Concentration [%]	Density [kg/dm <sup>3</sup> ]	Usability	Time [s]
sulphuric acid	96	1,84	NO	-
	61	1,5	NO	-
	56	1,46	partly	
	51	1,4	YES	55
phosphoric acid	85	1,69	partly	
	80	1,63	partly	
	75	1,58	YES	1,78
acetic acid	99	1,05	YES	3
formic acid	98	1,2	YES	40
hydrochloric acid	35	1,18	partly	
	30	1,15	partly	12
	25	1,11	YES	4,18
nitric acid	65	1,4	YES	3,26
perchloric acid	70	1,68	partly	
	65	1,6	partly	
	60	1,53	YES	4,8
hydrofluoric acid	40	1,13	YES	3,59
chromic acid	95	1,84	YES	2040
hydrogen peroxide	32	1,11	YES	3
amonia	26	0,9	YES	1
hydrogen sulfide			YES	8,4
sodium hydroxide	50	1,53	NO	
	30	1,33	YES	139
	25	1,27	YES	94
	20	1,22	YES	2,7
	15	1,16	YES	1,9
	10	1,11	YES	1,62
	5	1,05	YES	1,57
	3	1,03	YES	1,5
sodium chloride	25	1,19	YES	6,7
	20	1,13	YES	6,5
	15	1,1	YES	6,4
	10	1,07	YES	6,3
	5	1,03	YES	6,2
	3	1,02	YES	5,7



Fluid	Oil Only	Universal	Chemical
Hydroquinone	*	*	*
Hydrogen Cyanide	*	*	*
Hydrogen Peroxide		*	*
Isoamyl Acetate	*	*	*
Isobutyl Alcohol	*	*	*
Isooctane	*	*	*
Isopropyl Acetate	*	*	*
Isopropyl Alcohol	*	*	*
Kerosene*	*	*	*
Ketones	*	*	*
Linoleic Acid			*
Linseed Oil	*	*	*
Lubricating Oil	*	*	*
Methylamine	*	*	*
Methyl Alcohol	*	*	*
Methyl Cellusolve	*	*	*
Methylene Bromide	*	*	*
Methyl Chloride	*	*	*
Methyl Ethyl Ketone	*	*	*
Methyl Isobutyl Ketone	*	*	*
Methyl Methacrylate	*	*	*
Mineral Oil	*	*	*
Mineral Spirits	*	*	*
Monoethanolamine	*	*	*
Morpholine	*	*	*
Motor Oil	*	*	*
Naptha	*	*	*
Napthalene	*	*	*
Nitric Acid*			*
Nitromethane	*	*	*
Octane	*	*	*
Paraffin	*	*	*
Perchloroethylene (Tetrachlorethylene)*	*	*	*
Phenol (Carbolic Acid)		*	*
Phosphoric Acid			*
Potassium Hydroxide		*	*
Propionic Acid			*
Propyl Alcohol	*	*	*
Propylene Glycol	*	*	*
Resorcinol		*	*
Silicone Oil	*	*	*
Silver Nitrate		*	*
Sodium Bicarbonate		*	*
Sodium Chloride		*	*
Sodium Hydroxide		*	*
Sodium Hypochlorite		*	*
Sodium Nitrate		*	*
Styrene	*	*	*
Sulfuric Acid*			*

Toluene*	*	*	*
Transformer Oil	*	*	*
Trichlorethylene*	*	*	*
Triethylene Glycol	*	*	*
Turpentine*	*	*	*
Vinyl Chloride (Chlorethen)	*	*	*
Water		*	*
Xylene*	*	*	*

\* These fluids will react with polypropylene causing it to degrade.