

Acids											
Acetic acid	CH ₃ COOH	Conc. > 98%	2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E0	F0	G0	
			24 h	A1	B2	C1	D0	E1	F0	G0	
Chromic acid	H ₂ CrO ₄	40%	2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A5	B1	C0	D0	E0	F0	G0	
			24 h	A6	B1	C0	D0	E0	F0	G0	
Citric acid	C ₆ H ₈ O ₇	50%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Hydrochloric acid	HCl	Conc. 37%	2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E0	F0	G0	
			24 h	A5	B2	C1	D0	E1	F0	G0	
Hydrofluoric acid	HF	40%	2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A1	B2	C1	D1	E1	F0	G0	
Phosphoric acid	H ₃ PO ₄	Conc. > 85%	2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B2	C1	D0	E1	F0	G0	
Phosphoric acid	H ₃ PO ₄	38%	24 h	A0	B0	C0	D0	E0	F0	G0	
Lactic acid	C ₃ H ₆ O ₃	Conc. 90%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B1	C0	D0	E0	F0	G0	
Nitric acid	HNO ₃	Conc. 65%	2min	A5	B1	C0	D0	E0	F0	G0	
			1 h	A5	B2	C1	D0	E0	F0	G0	
			24 h	A6	B2	C1	D1	E1	F0	G0	
Nitric acid	HNO ₃	30%	2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A5	B1	C0	D0	E0	F0	G0	
			24 h	A5	B1	C0	D0	E0	F0	G0	
Oxalic acid	C ₂ H ₂ O ₄	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Sulphuric acid	H ₂ SO ₄	Conc. 98%	2min	A0	B2	C0	D0	E0	F0	G0	
			1 h	A0	B2	C2	D1	E1	F5	G0	H*
			24 h	A5	B2	C2	D1	E2	F5	G0	H*
Sulphuric acid	H ₂ SO ₄	30%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Organic solvents											
Acetone	C ₃ H ₆ O		2min	A0	B1	C0	D0	E0	F0	G0	
			1 h	A0	B1	C1	D0	E5	F5	G0	
			24 h	A0	B2	C1	D1	E5	F6	G0	
Acetonitrile	CH ₃ CN		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E0	F1*	G0	
			24 h	A0	B1	C0	D1	E5	F5	G0	
Carbon tetrachloride	CCl ₄		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B0	C0	D0	E0	F1*	G0	
			24 h	A0	B0	C0	D0	E5	F5	G0	
Chloroform	CHCl ₃		2min	A0	B1	C0	D0	E0	F0	G0	
			1 h	A0	B2	C1	D1	E5	F5	G0	
			24 h	A0	B2	C1	D1	E5	F5	G0	H*
Cyclohexane	C ₆ H ₁₂		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Cyclohexanone	C ₆ H ₁₀ O		2 min	A0	B1	C0	D0	E0	F0	G0	
			1 h	A0	B2	C2	D3	E5	F5	G0	H
			24 h	A0	B2	C2	D3	E6	F5	G0	H
Dichloroethylene	C ₂ H ₂ Cl ₂		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E0	F0	G0	
			24 h	A0	B1	C0	D0	E0	F5	G0	
Methylene Chloride	CH ₂ Cl ₂		2min	A0	B2	C0	D0	E0	F0	G0	
			1 h	A0	B2	C1	D1	E5	F5	G0	
			24 h	A0	B2	C1	D1	E5	F6	G0	
Ethanol	C ₂ H ₅ OH		1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B1	C0	D0	E0	F0	G0	

Organic solvents,cont.											
Ethyl acetate	C ₄ H ₈ O ₂		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E5	F5	G0	
			24 h	A0	B1	C1	D1	E5	F6	G0	
Ethylene glycol	C ₂ H ₆ O ₂		24 h	A0	B0	C0	D0	E0	F0	G0	
Diethyl ether	(C ₂ H ₅) ₂ O		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B0	C0	D0	E0	F1*	G0	
			24 h	A0	B0	C0	D0	E5	F1*	G0	
n-Hexane	C ₆ H ₁₄		1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Formaldehyde solution	CH ₂ O	37 %	24 h	A0	B0	C0	D0	E0	F0	G0	
Methanol	CH ₃ OH		1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B1	C0	D0	E0	F0	G0	
Methyl ethyl ketone	C ₄ H ₈ O		2 min	A0	B1	C0	D0	E0	F0	G0	
			1 h	A0	B1	C2	D2	E5	F5	G0	H*
			24 h	A0	B2	C2	D2	E6	F5	G0	H*
Pet.ether (Ligroin) 80-110°C	CAS-nr: 8032-32-4		1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Tetrachloroethylene	C ₂ Cl ₄		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B1	C0	D0	E5	F5	G0	
Toluene	C ₇ H ₈		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E0	F1*	G0	
			24 h	A0	B1	C1	D1	E5	F5	G0	
Trichlorethylene	C ₂ HCl ₃		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E0	F5	G0	
			24 h	A0	B1	C1	D1	E5	F5	G0	
White spirit	EG/EC/EF-nr: 265-191-7		2 min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F1*	G0	
Xylene	C ₈ H ₁₀		2 min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E5	F1*	G0	
			24 h	A0	B1	C1	D1	E5	F6	G0	
Alkali (Bases)											
Ammonia solution	NH ₃	25%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Calcium hydroxide	Ca(OH) ₂	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Sodium hydroxide	NaOH	50%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B1	C0	D0	E0	F0	G0	
Sodium hydroxide	NaOH	10%	1 h	A0	B1	C0	D0	E0	F0	G0	
			24 h	A0	B3	C0	D0	E0	F0	G0	H
Salt solutions											
Ammonium carbonate	(NH ₄) ₂ CO ₃	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Ammonium iron (III) sulphate	NH ₄ Fe(SO ₄) ₂	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Calcium Chloride	CaCl ₂	Saturated	24 h	A0	B0	C0	D0	E0	F0	G0	
Cobaltous chloride	CoCl ₂	10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Copper (II) sulphate	CuSO ₄	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Ferrous (II) chloride	FeCl ₂	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Ferric (III) chloride	FeCl ₃	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Potassium iodide	KI	10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Potassium oxalate	K ₂ C ₂ O ₄	10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Potassium permanagnate	KMnO ₄	5% in H ₂ O	2 min	A5	B0	C0	D0	E0	F0	G0	
			1 h	A6	B0	C0	D0	E0	F0	G0	
Silver nitrate	AgNO ₃	2%	1 h	A5	B0	C0	D0	E0	F0	G0	
			24 h	A6	B0	C0	D0	E0	F0	G0	

Salt solutions cont.											
Sodium carbonate	Na ₂ CO ₃	20%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Sodium thiosulphate	Na ₂ S ₂ O ₃	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Sodium sulphite	Na ₂ SO ₃	10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Medical Chemicals											
Aniline blue		2,5% in ethanol	1 h	A6	B0	C0	D0	E0	F0	G0	
			24 h	A6	B0	C0	D0	E0	F0	G0	
Betadine skin cleanser		75 mg/ml	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A5	B0	C0	D0	E0	F0	G0	
Bromcresol green		0,4 %	24 h	A0	B0	C0	D0	E0	F0	G0	
Eosin		1 % in ethanol	1 h	A6	B0	C0	D0	E0	F0	G0	
			24 h	A6	B0	C0	D0	E0	F0	G0	
Glutaraldehyde		25%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Hematoxylin		5%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A5	B0	C0	D0	E0	F0	G0	
Hibitane		0,5%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A5	B0	C0	D0	E0	F0	G0	
Iodine	I ₂	2% in ethanol	2min	A6	B0	C0	D0	E0	F0	G0	
			1 h	A6	B0	C0	D0	E0	F0	G0	
Iodoform		1% in ethanol	1 h	A6	B0	C0	D0	E0	F0	G0	
			24 h	A6	B0	C0	D0	E0	F0	G0	
Methylrosanilinium		0,1%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A5	B0	C0	D0	E0	F0	G0	
Disinfectants/cleaning compounds											
Product	Manuf./Rep.										
Buraton 10F	Schülke & Mayr	1%	24 h	A0	B0	C0	D0	E0	F0	G0	
		10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Citrosteril	Fresenius	Cons.	24 h	A0	B0	C0	D0	E0	F0	G0	
Debisan	Nordex	1 %	24 h	A0	B0	C0	D0	E0	F0	G0	
		10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Decon-Spore 200 Plus	Veltek Associates, Inc	0,5 %	24 h	A0	B0	C0	D0	E0	F0	G0	
		5 %	24 h	A0	B0	C0	D0	E0	F0	G0	
Dialox	Gambro	Cons.	24 h	A0	B1	C0	D0	E0	F0	G0	
Gevisol	Schülke & Mayr	0,5%	24 h	A0	B0	C0	D0	E0	F0	G0	
		5%	24 h	A5	B0	C0	D0	E0	F0	G0	
Incidur	Henkel	0,5%	24 h	A0	B0	C0	D0	E0	F0	G0	
		3%	24 h	A0	B0	C0	D0	E0	F0	G0	
Lycetol AF	Schülke & Mayr	1%	24 h	A0	B0	C0	D0	E0	F0	G0	
		5%	24 h	A0	B1	C0	D0	E0	F0	G0	
Melsept	B Braun	1%	24 h	A0	B0	C0	D0	E0	F0	G0	
		5%	24 h	A0	B0	C0	D0	E0	F0	G0	
Perform	Schülke & Mayr	0,75%	24 h	A0	B0	C0	D0	E0	F0	G0	
		2,5%	24 h	A0	B0	C0	D0	E0	F0	G0	
Sekumatic	Henkel	0,5%	24 h	A0	B0	C0	D0	E0	F0	G0	
		5%	24 h	A0	B1	C0	D0	E0	F0	G0	
Sekusept Plus	Henkel	1%	24 h	A0	B0	C0	D0	E0	F0	G0	
		5%	24 h	A0	B0	C0	D0	E0	F0	G0	
Spitacid	Henkel	Cons.	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B3	C0	D0	E0	F0	G0	
Terralin N	Schülke & Mayr	1%	24 h	A0	B0	C0	D0	E0	F0	G0	
		10%	1 h	A0	B0	C0	D0	E0	F0	G0	
		10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Tiutol KF	B. Braun	3%	24 h	A0	B0	C0	D0	E0	F0	G0	
		10%	24 h	A0	B1	C0	D0	E0	F0	G0	
Virkon S	Sterisol AB	1%	24 h	A0	B0	C0	D0	E0	F0	G0	
		2,5%	24 h	A0	B0	C0	D0	E0	F0	G0	
Incidin Plus	Ecolab	1%	24 h	A0	B0	C0	D0	E0	F0	G0	
		5 %	24 h	A0	B3	C0	D0	E0	F0	G0	

Disinfectants/cleaning compounds. cont.										
Product	Manuf./Rep.	cont.								
Incidin Extra N	Ecolab	1%	24 h	A0	B0	C0	D0	E0	F0	G0
		5%	24 h	A0	B1	C0	D0	E0	F0	G0
Mikrobac forte	BODE Chemi	1%	24 h	A0	B0	C0	D0	E0	F0	G0
		5%	24 h	A0	B0	C0	D0	E0	F0	G0
Hexaquart plus	B. Braun	1%	24 h	A0	B0	C0	D0	E0	F0	G0
		2,5%	24 h	A0	B3	C0	D0	E0	F0	G0
Miscellaneous chemicals										
EDTA	C ₁₀ H ₁₆ N ₂ O ₈	10%	24 h	A0	B0	C0	D0	E0	F0	G0
Glycerol	C ₃ H ₈ O ₃		24 h	A0	B0	C0	D0	E0	F0	G0
Hydrogen peroxide	H ₂ O ₂	30%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Olive oil			24 h	A0	B0	C0	D0	E0	F0	G0
Phenol	C ₆ H ₆ O	5%	2 min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B1	C0	D0	E0	F0	G0
			24 h	A0	B1	C0	D0	E0	F0	G0
Sodium hypochlorite	NaOCl	12%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Brake fluid	APE	Cons	1 h	A0	B0	C0	D0	E0	F0	G0
Super DOT 4	Components	AB	24 h	A0	B1	C1	D0	E5	F0	G0
Hydraulic fluid		Cons	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0

*The swelling disappears after 1-2 days.

H* Slight damage to polyurethane surface.

H Total damage to polyurethane surface.