

Acids											
Acetic acid	CH <sub>3</sub> COOH	Conc. > 98%	2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E0	F0	G0	
			24 h	A0	B2	C1	D0	E0	F0	G0	
Chromic acid	H <sub>2</sub> CrO <sub>4</sub>	40%	2min	A5	B0	C0	D0	E0	F0	G0	
			1 h	A5	B1	C0	D0	E0	F0	G0	
			24 h	A5	B3	C1	D0	E0	F0	G0	
Citric acid	C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	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	A1	B1	C1	D0	E0	F0	G0	
Hydrofluoric acid	HF	40%	2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B3	C0	D0	E0	F0	G0	
			24 h	A1	B1	C0	D0	E0	F0	G0	
Phosphoric acid	H <sub>3</sub> PO <sub>4</sub>	Conc. > 85%	2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E0	F0	G0	
			24 h	A1	B2	C0	D0	E0	F0	G0	
Phosphoric acid	H <sub>3</sub> PO <sub>4</sub>	38%	24 h	A0	B0	C0	D0	E0	F0	G0	
Lactic acid	C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>	Conc. 90%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Nitric acid	HNO <sub>3</sub>	Conc. 65%	2min	A0	B1	C0	D0	E0	F0	G0	
			1 h	A5	B3	C1	D1	E1	F0	G0	
			24 h	A6	B3	C1	D2	E1	F6	G0	H*
Nitric acid	HNO <sub>3</sub>	30%	2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E0	F0	G0	
			24 h	A0	B2	C1	D0	E0	F0	G0	
Oxalic acid	C <sub>2</sub> H <sub>2</sub> O <sub>4</sub>	10%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	
Sulphuric acid	H <sub>2</sub> SO <sub>4</sub>	Conc. 98%	2min	A2	B1	C1	D0	E0	F0	G0	
			1 h	A6	B2	C1	D1	E1	F0	G0	H*
			24 h	A6	B2	C2	D2	E2	F6	G0	H
Sulphuric acid	H <sub>2</sub> SO <sub>4</sub>	30%	1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B3	C0	D0	E0	F0	G0	
Organic solvents											
Acetone	C <sub>3</sub> H <sub>6</sub> O		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C1	D0	E5	F1*	G0	
			24 h	A0	B1	C1	D1	E5	F1*	G0	
Acetonitrile	CH <sub>3</sub> CN		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B0	C0	D0	E5	F1*	G0	
			24 h	A0	B1	C0	D0	E5	F0	G0	
Carbon tetrachloride	CCl <sub>4</sub>		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B0	C0	D0	E0	F1*	G0	
			24 h	A0	B0	C1	D1	E0	F1*	G0	
Chloroform	CHCl <sub>3</sub>		2min	A0	B1	C0	D0	E0	F0	G0	
			1 h	A0	B1	C1	D1	E5	F5	G0	
			24 h	A0	B2	C1	D1	E5	F5	G0	
Cyclohexane	C <sub>6</sub> H <sub>12</sub>		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 <sub>6</sub> H <sub>10</sub> 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	D4	E5	F6	G0	H
Dichloroethylene	C <sub>2</sub> H <sub>2</sub> Cl <sub>2</sub>		2min	A0	B0	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E5	F2*	G0	
			24 h	A0	B1	C1	D0	E5	F2*	G0	
Methylene Chloride	CH <sub>2</sub> Cl <sub>2</sub>		2min	A0	B1	C1	D0	E0	F0	G0	
			1 h	A0	B2	C1	D1	E5	F2*	G0	
			24 h	A0	B2	C2	D2	E5	F5	G0	H*
Ethanol	C <sub>2</sub> H <sub>5</sub> OH		1 h	A0	B0	C0	D0	E0	F0	G0	
			24 h	A0	B0	C0	D0	E0	F0	G0	

<b>Organic solvents,cont.</b>										
Ethyl acetate	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>		2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B1	C0	D0	E5	F5	G0
			24 h	A0	B1	C1	D0	E5	F5	G0
Ethylene glycol	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>		24 h	A0	B0	C0	D0	E0	F0	G0
Diethyl ether	(C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> O		2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B0	C0	D0	E0	F1*	G0
			24 h	A0	B3	C0	D0	E0	F0	G0
n-Hexane	C <sub>6</sub> H <sub>14</sub>		1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Formaldehyde solution	CH <sub>2</sub> O	37 %	24 h	A0	B0	C0	D0	E0	F0	G0
Methanol	CH <sub>3</sub> OH		1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B3	C0	D0	E0	F0	G0
Methyl ethyl ketone	C <sub>4</sub> H <sub>8</sub> O		2 min	A0	B1	C0	D0	E0	F0	G0
			1 h	A0	B1	C1	D1	E5	F1*	G0
			24 h	A0	B2	C2	D2	E6	F5	G0
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 <sub>2</sub> Cl <sub>4</sub>		2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B1	C1	D0	E5	F5	G0
Toluene	C <sub>7</sub> H <sub>8</sub>		2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B1	C0	D0	E5	F1*	G0
			24 h	A0	B1	C0	D0	E5	F5	G0
Trichlorethylene	C <sub>2</sub> HCl <sub>3</sub>		2min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B1	C0	D0	E5	F1*	G0
			24 h	A0	B1	C1	D0	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	F0	G0
Xylene	C <sub>8</sub> H <sub>10</sub>		2 min	A0	B0	C0	D0	E0	F0	G0
			1 h	A0	B1	C1	D0	E5	F1*	G0
			24 h	A0	B1	C1	D0	E5	F5	G0
<b>Alkali (Bases)</b>										
Ammonia solution	NH <sub>3</sub>	25%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Calcium hydroxide	Ca(OH) <sub>2</sub>	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	B2	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
<b>Salt solutions</b>										
Ammonium carbonate	(NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub>	10%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Ammonium iron (III) sulphate	NH <sub>4</sub> Fe(SO <sub>4</sub> ) <sub>2</sub>	10%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Calcium Chloride	CaCl <sub>2</sub>	Saturated	24 h	A0	B0	C0	D0	E0	F0	G0
Cobaltous chloride	CoCl <sub>2</sub>	10%	24 h	A0	B0	C0	D0	E0	F0	G0
Copper (II) sulphate	CuSO <sub>4</sub>	10%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Ferrous (II) chloride	FeCl <sub>2</sub>	10%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Ferric (III) chloride	FeCl <sub>3</sub>	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 <sub>2</sub> C <sub>2</sub> O <sub>4</sub>	10%	24 h	A0	B0	C0	D0	E0	F0	G0
Potassium permanagnate	KMnO <sub>4</sub>	5% in H <sub>2</sub> O	2 min	A5	B0	C0	D0	E0	F0	G0
			1 h	A6	B0	C0	D0	E0	F0	G0
Silver nitrate	AgNO <sub>3</sub>	2%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0

<b>Salt solutions cont.</b>										
Sodium carbonate	Na <sub>2</sub> CO <sub>3</sub>	20%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Sodium thiosulphate	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	10%	1 h	A0	B0	C0	D0	E0	F0	G0
			24 h	A0	B0	C0	D0	E0	F0	G0
Sodium sulphite	Na <sub>2</sub> SO <sub>3</sub>	10%	24 h	A0	B0	C0	D0	E0	F0	G0
<b>Medical Chemicals</b>										
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	A0	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 <sub>2</sub>	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
<b>Disinfectants/cleaning compounds</b>										
<b>Product</b>	<b>Manuf./Rep.</b>									
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 %		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	A0	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	B0	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	B2	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	B1	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	B1	C0	D0	E0	F0	G0
Tiutol KF	B. Braun	3%	24 h	A0	B0	C0	D0	E0	F0	G0
"-		10%	24 h	A0	B0	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	B0	C0	D0	E0	F0	G0

<b>Disinfectants/cleaning compounds.</b>			<b>cont.</b>								
<b>Product</b>	<b>Manuf./Rep.</b>										
Incidin Extra N	Ecolab	1%	24 h	A0	B0	C0	D0	E0	F0	G0	
		5%	24 h	A0	B0	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	B0	C0	D0	E0	F0	G0	
<b>Miscellaneous chemicals</b>											
EDTA	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>8</sub>	10%	24 h	A0	B0	C0	D0	E0	F0	G0	
Glycerol			24 h	A0	B0	C0	D0	E0	F0	G0	
Hydrogen peroxide	H <sub>2</sub> O <sub>2</sub>	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 <sub>6</sub> H <sub>6</sub> O	5%	2 min	A0	B1	C0	D0	E0	F0	G0	
			1 h	A0	B1	C0	D0	E0	F0	G0	
			24 h	A0	B2	C0	D0	E0	F0	G0	
Sodium hypochlorite	NaOCl	12%	1 h	A0	B1	C0	D0	E0	F0	G0	
			24 h	A0	B1	C0	D0	E0	F0	G0	
Brake fluid	APE	Cons	1 h	A0	B1	C0	D0	E0	F0	G0	
Super DOT 4	Components	AB	24 h	A0	B1	C1	D0	E0	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.