

Chemical Legislation

The legal responsibilities

Gloves - EN 374:2003 (Protective Gloves Against Chemicals and Micro-organisms)

When tested according to a water tightness and/or air tightness test, a glove shall not leak when an Acceptable Quality Level (AQL) is applied

Performance level	Acceptable quality level unit	Inspection levels
Level 3	< 0.65	G1
Level 2	< 1.5	G1
Level 1	< 4.0	S4

The Chemical pictogram (shown right) must be accompanied by three digits, referring to a permeation performance level 2 (or higher) achieved against three chemicals from a standard list, represented in Annex A of EN374-1:2003



Code Letter	Chemical	CAS Number	Class
A	Methanol	67-56-1	Primary alcohol
B	Acetone	67-64-1	Ketone
C	Acetonitrile	75-05-8	Nitrile compound
D	Dichloromethane	75-09-2	Chlorinated paraffin
E	Carbon disulphide	75-15-0	Sulphur containing organic compound
F	Toluene	108-88-3	Aromatic hydrocarbon
G	Diethylamine	109-89-7	Amine
H	Tetrahydrofurane	109-99-9	Heterocyclic and ether compound
I	Ethyl acetate	141-78-6	Ester
J	n-Heptane	142-85-5	Saturated hydrocarbon
K	Sodium hydroxide 40%	1310-73-2	Inorganic base
L	Sulphuric acid 96%	7664-93-9	Inorganic mineral acid

The 'Low Chemical Resistant' pictogram is used for gloves that do not achieve level 2 against at least three chemicals from the defined list, yet still comply with the Penetration test.



The 'Micro-organism' pictogram is used when a glove meets at least a performance level 2 for the Penetration test.



Protective clothing - EN ISO 6529:2001 method A (Protective Garments Against Chemicals and Micro-organisms)

The following permeation data has been produced by independent accredited laboratories using the latest test method (currently EN ISO 6529:2001 method A)

The breakthrough time is the time taken for the tested chemical to reach a permeation rate of 1 µg/cm².min and 0,1 µg/cm². min. at 20°C and environmental pressure.

Gloves and Protective clothing

When tested for chemical permeation, product performance is classified in terms of breakthrough time

Measured breakthrough time (min)	Permeation performance level
> 10	1
> 30	2
> 60	3
> 120	4
> 240	5
> 480	6

Analysis has been carried out under laboratory conditions and should only be considered as a guide for use. Chemical performance quoted may not be representative of workplace duration of protection due to the other factors that may affect performance (abrasion, temperature, degradation etc.).

This information is not intended to replace a hazard analysis and risk assessment by a safety professional or professional judgment in the selection of Personal Protective Equipment (PPE). It is the responsibility of the user to assess the type of hazards and risks associated with exposure and then decide on the appropriate PPE for each circumstance.

The data in this guide is correct as at the date of print. The data is subject to change as additional knowledge and experience is gained. To view any supplements or updates please visit

www.kcprofessional.co.uk/chemicalprotection

Chemical Protection Guides

Chemical permeation⁽¹⁾

Chemical	CAS#	Concentration	EN 374						ISO 6529: 2001			
			JACKSON SAFETY* G80 NITRILE* Gloves		JACKSON SAFETY* G80 NITRILE Gauntlet		KLEENGUARD* G20 Atlantic Green Nitrile Gloves		KLEENGUARD* A80 Fabric		KLEENGUARD* A71 Fabric	
			Class	Result	Class	Result	Class	Result	Class	Result	Class	Result
1,1,1-trichloroethane	71-55-6	100.0%	1	27	2	44						
1,1,2,2-tetrachloroethane	79-34-5	100.0%	1	14	2	31						
1,2 Dichloroethane	107-06-2	100.0%								Immediate		
1,3-dichloro-2-propanol	96-23-1	100.0%							6	>480		
1,4-Dioxane	123-91-1	100.0%							2	35		
1-pentanol	71-41-0	100.0%							6	>480		
1-phenoxy-2-propanol	770-35-4	100.0%							6	>480		
1-propanol	71-23-8	100.0%							6	>480		
2 Butoxyethanol	111-76-2	100.0%							6	>480		
2 Butoxyethanol	111-76-2	99.4%									4	193
2-acrylamido-2-methylpropane sulfonic acid, sat. sol.	15214-89-8	100.0%							6	>480		
2-Chloroethanol	107-07-3	100.0%							6	>480		
2-Chloroethanol	107-07-3	99.0%									6	>480
2-Ethoxy ethanol	110-85-5	99.0%	4	166								
2-Ethoxy Ethyl acetate	111-15-9	99.0%	3	92								
2-methyl-butan-2-ol	75-85-4	99.0%							6	>480		
2-methyl-cyclohexylamine	6864-37-5	100.0%							6	>480		
2-propenal	107-02-8	100.0%								Immediate		
3-Methylamino 1,2-Propanediol	40137-22-2	100.0%							6	>480		
Acetic Acid	64-19-7	100.0%	3	66	4	160		Immediate	6	>480	6	>480
Acetic Acid	64-19-7	10.0%						6	>480			
Acetic Anhydride	108-24-7	100.0%							6	>480		
Acetone	67-64-1	100.0%		Immediate				Immediate	2	41		Immediate
Acetonitrile	75-05-08	100.0%				Immediate			1	17	1	14
Acetonitrile	75-05-08	99.9%	1	12								
Acetophenone	98-86-2	100.0%							6	>480		
Acetophenone	98-86-2	98.0%									6	>480
Acrylamide	79-06-1	50.0%							6	>480		
Acrylamide	79-06-1	37.0%										
Acrylic acid	79-10-7	99.0%							6	>480		
Allyl alcohol	107-18-6	100.0%							6	>480		
Aluminium chlorohydrate	1327-41-9	40.0%							6	>480		
Aluminium trisulphate sat. sol.	17927-65-0	100.0%							6	>480		
Ammonium chloride saturated solution	12125-02-9	100.0%							6	>480		
Ammonium hydrogen carbonate (saturated)	10666-33-7	100.0%							6	>480		
Ammonium Hydroxide	1336-21-6	100.0%										
Ammonium Hydroxide	1336-21-6	35.0%										
Ammonium Hydroxide	1336-21-6	25.0%						Immediate			1	10
Ammonium Hydroxide	1336-21-6	20.0%										
Ammonium Hydroxide	1336-21-6	10.0%							3	105	6	>480
Ammonium nitrate sat. sol.	6484-52-2	100.0%									6	>480
Ammonium nitrate sat. sol.	6484-52-2	35.0%							6	>480		
Ammonium Sulphate Solution	7783-20-2	35.0%							6	>480	6	>480
Amyl acetate	628-63-7	100.0%	3	77								
Amyl alcohol	75-85-4	100.0%	6	>480								
Benzaldehyde	100-52-7	99.0%							3	64	2	59
Benzene	71-43-2	100.0%								Immediate		
Bromobenzene	108-86-1	100.0%								Immediate		
Butanol	71-36-3	100.0%	6	>480	6	>480		Immediate				
Butyl acetate	123-86-4	100.0%			2	33						
Butyl acetate	123-86-4	99.0%	2	57						Immediate		
Butyl acrylate	141-32-2	99.0%							1	25		
Butyl amine	109-73-9	100.0%								Immediate		
Butyl cellulosolve	111-76-2	100.0%	6	>480	6	>480						
Butyric Anhydride	106-31-0	100.0%							6	>480		
Calcium nitrate	10124-37-5	35.0%							6	>480		
Calcium Sulphate Solution	10101-41-4	35.0%							6	>480		
Carbon disulphide	75-15-0	100.0%			1	22						Immediate
Carbon disulphide	75-15-0	99.9%	1	12								
Careclean AS1 → (2)			6	>460				6	>480			
Chlorine (gas)	7782-50-5	100.0%										
Chloroacetic acid	79-11-8	50.0%							6	>480		

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(2) Aviation branded chemical

Chemical Protection Guides

Chemical permeation⁽¹⁾

Chemical	CAS#	Concentration	EN 374						ISO 6529: 2001			
			JACKSON SAFETY* G80 NITRILE* Gloves		JACKSON SAFETY* G80 NITRILE Gauntlet		KLEENGUARD* G20 Atlantic Green Nitrile Gloves		KLEENGUARD* A80 Fabric		KLEENGUARD* A71 Fabric	
			Class	Result	Class	Result	Class	Result	Class	Result	Class	Result
Chlorobenzene	108-90-70	99.5%									Immediate	
Chlorosulphonic acid	7790-94-5	100.0%							Immediate			
Citric Acid	77-92-9	100.0%							6	>480		
Cumene	98-82-8	98.0%										
Cutting Oil		100.0%										
Cyclohexane	110-82-7	100.0%	6	>480	6	>480						
Cyclohexane	110-82-7	99.9%					>480					
Cyclohexane	110-82-7	99.7%	6	>480								
Cyclohexanol	108-93-0	100.0%										
Cyclohexanol	108-93-0	100.0%	6	>480	6	>480						
Cyclohexanone	108-94-1	100.0%			3	92			3	110		
Cyclohexanone	108-94-1	99.0%					1	28			2	34
Dichloromethane	75-09-2	100.0%			Immediate		Immediate				Immediate	
Dichloromethane	75-09-2	99.8%	Immediate				Immediate					
Diesel Fuel		100.0%	6	>480			4	148	2	24	Immediate	
Diestone DLS → (2)			4	136			Immediate					
Diethanolamine	111-42-2	35.0%									6	>480
Diethylamine	109-89-7	100.0%	1	11	1	22					Immediate	
Diethylamine	109-89-7	99.5%										
Diethylene glycol	111-46-6	100.0%							6	>480		
Diethylene glycol	111-46-6	99.0%	6	>480								
Diethylether	60-29-7	100.0%							Immediate			
Diethylsulphate	64-67-5	98.0%							6	>480		
Di-isobutyl ketone	108-83-8	100.0%	5	247								
Dimethyl acetamide	127-19-5	100.0%	5	247	2	46						
Dimethyl sulphoxide	67-68-5	100.0%	2	50			1	16				
Dimethylformamide	68-12-2	100.0%									2	54
Dimethylformamide	68-12-2	99.0%										
Dimethylsulphate	77-78-1	100.0%							6	>480		
Ethanol	64-17-5	100.0%			6	>480			1	27	6	>480
Ethanol	64-17-5	98.0%					Immediate					
Ethanol	64-17-5	95.0%	5	380								
Ethanol	64-17-5	70.0%					1	16				
Ethanolamine Solution	141-43-5	35.0%							6	>480		
Ethidium Bromide	1239-45-8	1.0%	6	>480			6	>480				
Ethoxyethane	60-29-7	100.0%							Immediate			
Ethyl acetate	141-78-6	100.0%			1	20					Immediate	
Ethyl acetate	141-78-6	99.7%	1	13								
Ethyl benzene	100-41-4	100.0%							Immediate			
Ethyl ether	60-29-7	100.0%	2	32	1	21						
Ethylene diamine	108-01-0	35.0%							6	>480	6	>480
Ethylene glycol	107-21-1	100.0%			6	>480						
Ethylene glycol	107-21-1	99.9%	6	>480								
Ferric (III) chloride sat. sol.	7705-08-0	100.0%							6	>480		
Formaldehyde	50-00-0	37.0%	6	>480			6	>480				
Formaldehyde	50-00-0	10.0%										
Formic acid	64-18-6	50.0%							6	>480	6	>480
Formic acid	64-18-6	5%									6	>480
Furfural	98-01-1	100.0%							4	154		
Gasoline		100.0%			6	>480						
Glutaraldehyde	111-30-8	50.0%							6	>480		
Glycerin	56-81-5	35.0%							6	>480		
Heptane	142-82-5	100.0%			6	>480			Immediate			
Heptane	142-82-5	99.0%										
Hexane	110-54-3	100.0%							Immediate			
Hexane	110-54-3	100.0%	6	>480	6	>480	Immediate				Immediate	
Hexane	110-54-3	95.0%	6	>480								
Hexanoic Acid	142-62-1	100.0%							6	>480		
Hexanoic Acid Anhydride	2051-49-2	100.0%							6	>480		
Hydraulic fluid		100.0%										
Hydrazine	7803-57-8	98.0%			6	>480					6	>480
Hydrazine	7803-57-8	65.0%	6	>480								

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			Class	Result	Class	Result	Class	Result	Class	Result	Class	Result
Hydrazine	7803-57-8	55.0%	6	>480			6	>480	6	>480	6	>480
Hydrazine	7803-57-8	35.0%							6	>480	6	>480
Hydrobromic acid	10035-10-6	35.0%									6	>480
Hydrochloric Acid	7647-01-0	37.0%	6	>480	6	>480			6	>480	5	385
Hydrochloric Acid	7647-01-0	32.0%					4	164				
Hydrochloric Acid	7647-01-0	30.0%					4	210				
Hydrochloric Acid	7647-01-0	5.0%					6	>480				
Hydrofluoric Acid	7664-39-3	40.0%	4	190					2	38	6	>480
Hydrofluoric Acid	7664-39-3	10.0%							6	>480	6	>480
Hydrogen Bromide	10035-10-6	35.0%							6	>480		
Hydrogen peroxide	7722-84-1	50.0%							6	>480		
Hydrogen peroxide	7722-84-1	30.0%	6	>480				Immediate			6	>480
Iron (III) chloride	7705-08-0	45.0%									6	>480
Iron (III) chloride	7705-08-0	40.0%	6	>480			6	>480	6	>480		
Iron (III) chloride	7705-08-0	4.0%									6	>480
Isobutyl alcohol	78-83-1	99.0%							6	>480		
isohexane	64741-49-0	100.0%								Immediate		
Iso-octane	540-84-1	100.0%	6	>480								
Isopropanol	67-63-0	100.0%					1	11	6	>480		
Isopropanol	67-63-0	99.8%	6	>480								
Isopropanol	67-63-0	99.5%										
Isopropanol	67-63-0	70.0%					1	28				
Isopropyl acetate	108-21-4	100.0%							1	19		
Isopropyl Ether	108-20-3	100.0%								Immediate		
Isopropylamine	75-31-0	100.0%								Immediate		
Itaconic acid	97-65-4	100.0%							6	>480		
Kerosene	8008-20-6	100.0%	6	>480			1	11				
Lactic acid	50-21-5	85.0%	6	>480	6	>480						
Lithium chromate	14307-35-8	36.0%							6	>480		
Maleic acid	110-16-7	100.0%	6	>480	6	>480						
Mercapto acetic acid	68-11-1	100.0%							6	>480		
Methacrylic acid	79-41-4	99.0%							5	230		
Methacrylic anhydride	760-93-0	94.0%							6	>480		
Methane sulphonyl chloride	124-63-0	100.0%							6	>480		
Methanol	67-56-1	99.9%	2	40	2	40		Immediate	6	>480	1	23
Methoxy Acetic Acid	625-45-6	100.0%							6	>480		
Methoxypropanol	107-98-2	98.0%							6	>480		
Methoxypropyl acetate	108-65-6	98.0%							6	>480		
Methyl acetate	79-20-9	100.0%								Immediate		
Methyl Butyl Ketone	591-78-6	100.0%							1	11		
Methyl Ethyl Ketone	78-93-3	100.0%			1	15			1	25		
Methyl Ethyl Ketone	78-93-3	99.0%		Immediate								
Methyl iodide	74-88-4	100.0%								Immediate		
Methyl isobutylcarbinol	108-11-2	100.0%							6	>480		
Methyl Methacrylate	80-62-6	99.0%	1	22								
Methyl propyl ketone	107-87-9	99.0%	1	11	1	22						
Methyl t-Butyl Ether	1634-04-4	100.0%	5	376								
Methyl t-Butyl Ether	1634-04-4	99.0%										
methylene chloride	75-09-2	99.9%								Immediate		
Mineral Spirits		100.0%										
Monochloroacetic acid	79-11-8	85.0%							6	>480		
Naptha	8030-30-6	100.0%	5	311								
Nitric acid	7697-37-2	70.0%						Immediate	6	>480	6	>480
Nitric acid	7697-37-2	50.0%					1	11				
Nitric acid	7697-37-2	40.0%	6	>480	6	>480						
Nitrobenzene	98-95-3	100.0%									6	>480
Nitrobenzene	98-95-3	99.0%										
Octyl alcohol	111-87-5	100.0%	6	>480	6	>480						
Oleum	8014-95-7	30.0%							3	90		
o-toluidine	95-53-4	98.0%							6	>480		
Oxirane	106-89-8	100.0%							2	45		
Peracetic acid	79-21-0	1.0%							6	>480	6	>480
Peracetic acid	79-21-0	0.5%										

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			Class	Result	Class	Result	Class	Result	Class	Result	Class	Result
Perchloric acid	7601-90-3	100.0%	6	>480	6	>480			6	>480		
Perchloric acid	7601-90-3	60.0%							6	>480		
Petroleum distillate	64741-65-7	100.0%							1	17		
P-fluoro aniline	371-40-4	100.0%							3	105		
Phenol	108-95-2	85.0%							6	>480		
Phenol	108-95-2	80.0%										
Phosphoric Acid	7664-38-2	85.0%	6	>480					6	>480		
Phosphoric Acid	7664-38-2	5.0%									6	>480
Pine Oil		80.0%										
Potassium dichromate	7778-50-9	1.0%							6	>480		
Potassium hydroxide	1310-58-3	50.0%	6	>480	6	>480						
Potassium methoxide	865-33-8	32.0%							6	>480		
Potassium nitrate sat. sol.	7757-79-1	100.0%							6	>480		
Propionaldehyde	123-38-6	100.0%							Immediate			
Propyl acetate	109-60-4	100.0%	1	14	3	68						
Propyl bromide	106-94-5	99.0%										
Purasolv Ethyl Lactate → (2)			4	201			1	12				
Round Up Weedkiller		100.0%										
Sodium acetate trihydrate, sat. sol.	6131-90-4	100.0%							6	>480		
Sodium cyanide sat. sol.	143-33-9	100.0%							6	>480		
Sodium dichromate	10588-01-9	10.0%							6	>480		
Sodium Hydroxide	1310-73-2	50.0%	6	>480	6	>480	6	>480	6	>480	6	>480
Sodium Hydroxide	1310-73-2	40.0%					6	>480	6	>480	6	>480
Sodium Hydroxide	1310-73-2	37.0%					6	>480				
Sodium Hydroxide	1310-73-2	10.0%							6	>480		
Sodium hypochlorite	7681-52-9	14.0%			6	>480	6	>480				
Sodium hypochlorite	7681-52-9	13.0%										
Sodium hypochlorite	7681-52-9	12.0%							6	>480		
Sodium hypochlorite	7681-52-9	10.0%	6	>480							6	>480
Sodium Metabisulphate solution	7681-57-4	40.0%							6	>480		
Sodium methylate in methanol	124-41-4	30.0%							6	>480		
Sodium Nitrate	7631-99-4	35.0%							6	>480		
Sodium Sulphate	7757-82-6	35.0%							6	>480		
Styrene	100-42-5	100.0%							Immediate			
Sulphuric Acid	7664-93-9	100.0%			4	150						
Sulphuric Acid	7664-93-9	96.0%	4	>120			Immediate		6	>480	6	>480
Sulphuric Acid	7664-93-9	95.0%									6	>480
Sulphuric Acid	7664-93-9	51.0%										
Sulphuric Acid	7664-93-9	50.0%					6	>480				
Sulphuric Acid	7664-93-9	30.0%			6	>480			6	>480	6	>480
Sulphuric Acid	7664-93-9	5.0%					6	>480				
Tannic acid	1401-55-4	30.0%							6	>480		
Techniclean OX1 → (2)			4	227			1	11				
Tetrachloroethylene	124-18-4	100.0%										
Tetrachloroethylene	124-18-4	99.0%	5	278								
Tetrahydrofuran	109-99-9	100.0%									Immediate	
Tetrahydrofuran	109-99-9	99.9%	Immediate									
Thiophene	110-02-1	100.0%							Immediate			
Thoinyl chloride	7719-09-7	100.0%							Immediate			
Titanium tetrachloride	7550-45-0	100.0%										
Toluene	108-88-3	100.0%			2	39					Immediate	
Toluene	108-88-3	99.9%	1	21			Immediate					
Trichloroacetic acid	76-03-9	80.0%							6	>480		
Triethylamine	121-44-8	100.0%							Immediate			
Triethylorthoformate	122-51-0	100.0%							3	94		
Trifluoro methane sulphonic acid	1493-13-6	100.0%							Immediate			
Trimethylacetylchloride	3282-30-2	100.0%							2	35		
Trimethylorthoformate	149-73-5	100.0%							3	113		
Turpentine		100.0%			6	>480						
unleaded petrol	86290-81-5	100.0%					Immediate				Immediate	
Valeric acid	109-52-4	100.0%							6	>480		
Valeric anhydride	2082-59-9	100.0%							5	248		
Vinyl Acetate		99.0%										
Xylene	1330-20-7	98.5%	2	40	3	115	Immediate					

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(2) Aviation branded chemical

Chemical Protection Guides

Chemical penetration⁽¹⁾

EN ISO 6530:2005 - Resistance of materials to penetration by liquids/chemicals of low volatility

In ISO 6530:2005, also known as the “gutter test”, a measured quantity of the test chemical is applied to the fabric in the form of a fine stream or jet. The amount of chemical which penetrates and is repelled by the fabric is measured. There are 3 classifications for penetration and repellency (defined in EN 14325:2004).

Class	Penetration	Repellency
1	<10%	>80%
2	<5%	>90%
3	<1%	>95%

The four defined chemicals, NaOH (10%), H2SO4 (30%), o-xylene and butan-1-ol have been identified for these standard tests as representative of a range of chemical properties but do not cover all types chemicals and concentrations.

All users of PPE are legally required to carry out risk assessments for any task they wish to perform. It is our intention to supply the information regarding the performance of PPE which will allow a qualified safety officer to make the correct choice of PPE based on the risk assessment.

We have tested additional chemicals which are listed in the table below.

To comply with the standard, a product must meet the following:

- Class 3 for repellency for at least one of the four selected liquid chemicals
- Class 2 for penetration for at least one of the four selected liquid chemicals

			KLEENGUARD* A20 Fabric		KLEENGUARD* A40 Fabric		KLEENGUARD* A50 Fabric	
			Penetration	Repellency	Penetration	Repellency	Penetration	Repellency
2 Butoxyethanol	111-76-2	98.0%					2	1
Acetic Acid	64-19-7	40.0%			3	3		
Acetone	67-64-1	100.0%			3	1		
Acetophenone	98-86-2	100.0%			3	3		
Actellic 25 EC		1.0%					2	2
Bromobenzene	108-86-1	100.0%					2	1
Buraton 10F		100.0%			3	1	3	1
Butan-1-ol	71-36-3	100.0%					3	1
Chlorobenzene	108-90-70	100.0%					2	1
Coopex W		1.0%					3	3
Coopex WP		0.5%					3	3
Demon 40WP		0.37%					3	3
Empire 20		2.5%					3	3
Ethanol	64-17-5	95.0%			3	2		
Ethanol	64-17-5	90.0%	0	0			2	1
Ethyl benzene	100-41-4	100.0%					2	1
Ethyl bromide	74-96-4	100.0%					2	0
Ethylene glycol	107-21-1	100.0%					3	2
Fenitrothion 50 ec		2.0%					2	2
Ferric nitrate	10421-48-4	50.0%					3	2
Ficam W		30.0%					3	3
Fluorosilicic acid	16961-83-4	35.0%					2	1
Formaldehyde	50-00-0	37.0%			3	3		
Formic acid	64-18-6	40.0%			3	3		
Heptane	142-82-5	100.0%	0	0	3	0		
Hexane	110-54-3	100.0%					2	0
Hydrochloric Acid	7647-01-0	37.0%			3	2		
Incidin Extra N		100.0%			3	1	3	1
Incidin Plus		100.0%			3	1	3	2
Incidur		100.0%			3	1	3	1
Manganese (II) nitrate	10377-66-9	50.0%					3	2
Methyl formate	107-31-3	100.0%					1	0
N Butyl acetate	123-86-4	100.0%					1	1
Nickel nitrate	13138-45-9	5.0%					3	3
Nitric acid	7697-37-2	40.0%			3	3		
Peripel		20.0%					3	2
Peripel		16.0%					3	3
Phosphoric Acid	7664-38-2	50.0%					3	2
Potassium hydroxide	1310-58-3	48.0%					3	1
Propionic acid	79-09-4	98.0%					1	0
Propionic acid	79-09-4	30.0%					2	1
Quartacid Plus		100.0%			3	1	3	1
Reslin premium		33.0%					3	2
Reslin premium		11.0%					2	2
Sekusept		100.0%			3	1	3	2
Sodium Hydroxide	1310-73-2	48.0%			3	2		
Sodium Hydroxide	1310-73-2	47.0%					3	2
Sodium Hydroxide	1310-73-2	10.0%	3	3	3	3	3	3
Sodium Nitrate	7631-99-4	44.0%					3	2
Sulphuric Acid	7664-93-9	35.0%			3	3		
Sulphuric Acid	7664-93-9	30.0%	3	3	3	3	3	2
Xylene	1330-20-7	100.0%					2	1

(1) For the latest information on Chemical protection, please visit our website: www.kcprofessional.co.uk/chemicalprotection.