

CHEMICAL RESISTANCE GUIDE



SHIELDskin CHEM* NEO NITRILE* 300



- Category III PPE glove (PPE Regulation (EU) 2016/425)
- Complex Design - For mortal & irreversible risks
- Class 1 MDD glove (Council Directive 93/42/EEC)
- Powder-free red/white polychloroprene/nitrile glove
- twinSHIELD* double-walled protection
- Ambidextrous
- 300 mm / 0.31 mm (EN 420:2003+A1:2009)
- Biological risk (ISO 374-5:2016 VIRUS)
- AQL 0.25 (EN 374-2:2014 Level 3)
- Viral penetration test (ISO 16604:2004 Procedure B)
- Chemical risk (ISO 374-1:2016+A1:2018 - Type A AJKLNPT)
- Good chemical protection
- Tested for chemical permeation (EN 16523-1:2015+A1:2018)

64-19-7 Acetic acid 99%	LEVEL 3 81 min
108-24-7 Acetic anhydride	LEVEL 1 21 min
67-64-1 Acetone 99.8%	LEVEL 0 7 min
75-05-8 Acetonitrile 99.9%	LEVEL 1 20 min
10127-02-3 Acridine orange	LEVEL 6 480 min
79-06-1 Acrylamide 40%	LEVEL 6 480 min
79-10-7 Acrylic acid 99%	LEVEL 2 47 min

1336-21-6 Ammonium hydroxide 28-30%	LEVEL 4 153 min
62-53-3 Aniline 99.9%	LEVEL 2 46 min
8007-56-5 Aqua regia	LEVEL 6 480 min
71-43-2 Benzene 99%	LEVEL 0 5 min
98-11-3 Benzenesulfonic acid 20% solution in water	LEVEL 6 480 min
100-51-6 Benzyl alcohol	LEVEL 4 123 min
7726-95-6 Bromine	LEVEL 0 7 min
71-36-3 Butanol 99.4%	LEVEL 5 448 min
111-76-2 2-Butoxyethanol 99%	LEVEL 4 134 min
97-88-1 Butyl methacrylate 99.9%	LEVEL 1 22 min
75-15-0 Carbon disulfide 99.9%	LEVEL 0 1 min
56-23-5 Carbon tetrachloride	LEVEL 1 12 min
Mixed Solution Chemosil 225	LEVEL 1 11 min
Mixed Solution Chemosil 211	LEVEL 1 14 min

79-11-8 Chloroacetic acid 80%	LEVEL 5 260 min
67-66-3 Chloroform 99.8%	LEVEL 0 4 min
77-92-9 Citric acid 30%	LEVEL 6 480 min
548-62-9 Crystal violet	LEVEL 6 480 min
110-82-7 Cyclohexane	LEVEL 6 480 min
108-94-1 Cyclohexanone 99%	LEVEL 1 24 min
66-81-9 Cycloheximide	LEVEL 6 480 min
91-95-2 Diaminobenzidine	LEVEL 6 480 min
79-43-6 Dichloroacetic acid 99%	LEVEL 3 80 min
107-06-2 1,2-Dichloroethane 99%	LEVEL 0 5 min
75-09-2 Dichloromethane 99%	LEVEL 0 2 min
68334-30-5 Diesel fuel	LEVEL 5 304 min
109-89-7 Diethylamine 99.5%	LEVEL 0 3 min
111-96-6 Diethylene glycol dimethyl ether 99%	LEVEL 1 19 min

60-29-7 Diethyl ether 99%	LEVEL 0 6 min
108-20-3 Diisopropyl ether 99%	LEVEL 1 29 min
7087-68-5 Diisopropyl ethylamine 99%	LEVEL 5 322 min
127-19-5 Dimethyl acetamide 99%	LEVEL 1 14 min
616-38-6 Dimethyl carbonate 99%	LEVEL 1 13 min
68-12-2 Dimethyl formamide 99%	LEVEL 0 9 min
67-68-5 Dimethyl sulfoxide 99% (DMSO)	LEVEL 4 179 min
123-91-1 Dioxane 99%	LEVEL 1 10 min
64-17-5 Ethanol 99.8%	LEVEL 4 154 min
1239-45-8 Ethidium bromide 5%	LEVEL 6 480 min
141-78-6 Ethyl acetate 99.8%	LEVEL 0 5 min
107-15-3 Ethylene diamine 99%	LEVEL 2 50 min
Mixed Solution Euro 95 unleaded petrol	LEVEL 1 16 min
314-13-6 Evans blue	LEVEL 6 480 min

50-00-0 Formaldehyde 10%	LEVEL 6 480 min
50-00-0 Formaldehyde 37%	LEVEL 6 480 min
75-12-7 Formamide 99%	LEVEL 4 123 min
64-18-6 Formic acid 98.5%	LEVEL 4 125 min
111-30-8 Glutaraldehyde 25%	LEVEL 6 480 min
50-01-1 Guanidine hydrochloride	LEVEL 6 480 min
999-97-3 Hexamethyldisilazan 99%	LEVEL 6 480 min
Mixed Solution Hydranal® -Composite 2	LEVEL 6 480 min
7803-57-8 Hydrazine monohydrate 80%	LEVEL 6 480 min
7803-57-8 Hydrazine monohydrate 98%	LEVEL 6 480 min
7647-01-0 Hydrochloric acid 37%	LEVEL 6 480 min
7664-39-3 Hydrofluoric acid 48%	LEVEL 4 168 min
7664-39-3 Hydrofluoric acid 60%	LEVEL 2 42 min
7722-84-1 Hydrogen peroxide 30%	LEVEL 6 480 min

7722-84-1 Hydrogen peroxide 12%	LEVEL 6 480 min
78-83-1 Isobutanol 99%	LEVEL 6 480 min
540-84-1 Iso-Octane 99%	LEVEL 6 480 min
4098-71-9 Isophorone diisocyanate 100%	LEVEL 6 480 min
67-63-0 Isopropanol 100%	LEVEL 6 480 min
67-63-0 Isopropanol 70%	LEVEL 6 480 min
Mixed Solution LiPF ₆	LEVEL 6 480 min
7550-35-8 Lithium bromide 30%	LEVEL 6 480 min
108-39-4 m-Cresol 98.5%	LEVEL 4 212 min
60-24-2 2-Mercaptoethanol 99%	LEVEL 3 63 min
67-56-1 Methanol 99.9%	LEVEL 2 36 min
109-86-4 Methoxyethanol	LEVEL 2 49 min
107-98-2 1-Methoxy-2-propanol 99%	LEVEL 3 72 min
5332-73-0 3-Methoxypropylamine 99%	LEVEL 0 7 min

37143-54-7 1-Methoxy-2-propylamine 95%	LEVEL 1 12 min
108-87-2 Methylcyclohexane 99.9%	LEVEL 2 58 min
78-93-3 Methyl ethyl ketone 99%	LEVEL 0 2 min
108-10-1 Methyl Isobutyl Ketone 99%	LEVEL 0 8 min
80-62-6 Methyl Methacrylate 99%	LEVEL 0 8 min
75-65-0 2-methyl-2-propanol 99.5%	LEVEL 6 480 min
1634-04-4 Methyl Tert Butyl Esther (MTBE)	LEVEL 1 14 min
96-47-9 2-Methyltetrahydrofuran 99.9%	LEVEL 0 4 min
Mixed Solution Mucocit®-T branded mixture	LEVEL 6 480 min
142-82-5 n-Heptane 99%	LEVEL 2 37 min
110-54-3 n-Hexane 95%	LEVEL 4 138 min
7697-37-2 Nitric Acid 70%	LEVEL 4 122 min
7697-37-2 Nitric acid 99%	LEVEL 0 2 min
872-50-4 N-methyl-2-pyrrolidone	LEVEL 2 43 min

109-66-0 n-Pentane 98%	LEVEL 2 45 min
71-23-8 n-Propanol	LEVEL 5 304 min
79-37-8 Oxalyl chloride	LEVEL 0 1 min
7601-90-3 Perchloric acid 70%	LEVEL 6 480 min
64742-49-0 Petroleum benzene 80-100°C	LEVEL 6 480 min
108-95-2 Phenol 50%	LEVEL 4 163 min
108-95-2 Phenol 85%	LEVEL 4 138 min
Mixed Solution Phenol:Chloroform Isoamyl Alcohol 25:24:1	LEVEL 0 9 min
108-95-2 Phenol 0.1% solution	LEVEL 6 480 min
7664-38-2 Phosphoric Acid 30%	LEVEL 6 480 min
7664-38-2 Phosphoric acid 85%	LEVEL 6 480 min
3761-53-3 Ponceau 2R	LEVEL 6 480 min
6226-79-5 Ponceau S	LEVEL 6 480 min
1310-58-3 Potassium Hydroxide 40%	LEVEL 6 480 min

123-38-6 Propionaldehyde 97%	LEVEL 0 2 min
75-56-9 Propylene oxide 99%	LEVEL 0 2 min
110-86-1 Pyridine	LEVEL 0 6 min
598-75-4 Secondary isoamyl alcohol 98%	LEVEL 6 480 min
127-09-3 Sodium acetate Sat. solution	LEVEL 6 480 min
1310-73-2 Sodium Hydroxide 40%	LEVEL 6 480 min
1310-73-2 Sodium Hydroxide 50%	LEVEL 6 480 min
7681-52-9 Sodium Hypochlorite 13%	LEVEL 6 480 min
100-42-5 Styrene 99.9%	LEVEL 0 5 min
7664-93-9 Sulphuric Acid 10%	LEVEL 6 480 min
7664-93-9 Sulphuric Acid 95%-98%	LEVEL 2 59 min
7664-93-9 Sulphuric Acid 50%	LEVEL 6 480 min
127-18-4 Tetrachloroethylene 99%	LEVEL 1 10 min
109-99-9 Tetrahydrofuran 99.9%	LEVEL 0 1 min

75-59-2 Tetramethylammonium hydroxide 2.5%	LEVEL 6 480 min
108-88-3 Toluene 99.9%	LEVEL 0 4 min
584-84-9 Toluene diisocyanate 95%	LEVEL 0 0 min
76-03-9 Trichloroacetic acid 10%	LEVEL 6 480 min
121-44-8 Triethylamine 99%	LEVEL 2 37 min
76-05-1 Trifluoroacetic acid 99%	LEVEL 2 57 min
95-63-6 1,2,4- Trimethylbenzene 98%	LEVEL 1 21 min
108-67-8 1,3,5-Trimethylbenzene 98%	LEVEL 1 19 min
77-86-1 Tris (hydroxymethyl) aminomethane Sat. solution	LEVEL 6 480 min
72-57-1 Trypan blue	LEVEL 6 480 min
1330-20-7 Xylene 98.5%	LEVEL 0 8 min

DISCLAIMER: The data provided was based on gloves tested under laboratory conditions, in accordance with EN 16523-1:2015 (formerly EN 374-3:2003) and EN 374-4:2013. The information is for guidance only and may not reflect the user's application. A risk assessment should always be made by purchaser to assess the suitability of gloves for a specific application.