

schülke -†



terralin® protect

Liquid disinfectant and cleaner concentrate, based on a combination of aromatic alcohols, quaternary ammonium compounds, amphoteric glycine derivatives and non-ionic surfactants.

Our plus:

- contains no aldehydes
- offers first-class protection
- provides excellent cleaning performance
- has a discreet, pleasant and fresh fragrance
- ÖGHMP-registered

Areas of application

Disinfection and cleaning of medical devices [CE 0297] and all types of surfaces in all areas where hygienic safety is paramount, e.g.:

- In all hospital areas
- Particularly for odour-sensitive areas (e.g. neo-natal intensive care units)
- On sensitive materials (e.g. acrylic glass)
- In critical/sensitive production areas (e.g. within the pharmaceutical and cosmetic industry)

Instructions for Use

Prepare use-solution in concentration desired. Exact dosages can be achieved with the use of schülke dosage aids. Dosing with central and peripheral metering units is also possible.

With a damp cloth, wipe down medical devices, floors and other wipeable surfaces. Always aim for complete surface coverage. Clean equipment well with water.

As this product contains cation-active ingredients, mixing this product with cleaners or other wipe care products may affect its microbiological effectiveness and cause problems during application. Therefore, please seek advice from schülke before attempting such mixtures.

terralin® protect provides excellent cleaning performance, so that the addition of other cleaning additives is not needed under normal circumstances. Depending on floor type and properties, it may be useful to use additional floor care products.

Microbiological effectiveness

terralin® protect is effective against:

- Bacteria (incl. TB and MRSA) • Fungi • Viruses (e.g. hepatitis B, HIV, rotaviruses and adenoviruses)

Working concentrations / Contact times

Effective against	5 min.	15 min.	30 min.	60 min.	90 min.	2 h	4 h
Surface disinfection within hospitals and medical practices (incl. MRSA) acc. to DGHM/VAH ²		2 % (20 ml/l)		0.5 % (5 ml/l)			0.25 % (2.5 ml/l)
Tb ³						0.5 % (5 ml/l)	0.25 % (2.5 ml/l)
Effective against enveloped viruses ⁴ (incl. HIV, HBV, HCV)		1 % (10 ml/l)		0.5 % (5 ml/l)			
BVDV		0.25 % (2.5 ml/l)					
Vaccinia viruses		1 % (10 ml/l)		0.5 % (5 ml/l)			
Rotaviruses		0.25 % (2.5 ml/l)					
Polyoma SV40 without load		0.5 % (5 ml/l)					
with load		1 % (10 ml/l)					
Adenoviruses							2 % (20 ml/l)
Noroviruses ⁵ without load				0.5 % (5 ml/l)			
with load						2 % (20 ml/l)	0.5 % (5 ml/l)
Noroviruses ⁶ without load						1 % (10 ml/l)	
with load						2 % (20 ml/l)	
Bathtub	Conc.						

¹ Tested in accordance with new standard methods of DGHM = German Society for Hygiene and Microbiology.


² VAH = German Association for Applied Hygiene.

³ In the suspension test

⁴ In accordance with the Robert Koch Institute guideline – German Federal Health Gazette 01/2004

⁵ Tested with the surrogate feline calicivirus (FCV)

⁶ Murine Noro-Virus according to EN 14 476

 Already tested to EU standards in the areas of food, industrial and institutional areas:		60 min.
EN 1276	(fungicidal, with load)	0.5 % (5 ml/l)
EN 1650	(fungicidal, with load)	0.5 % (5 ml/l)
EN 13 697	(bactericidal, with/without load, quantitative surface test)	0.5 % (5 ml/l)
EN 13 697	(fungicidal, with/without load, quantitative surface test)	0.5 % (5 ml/l)

Product data

Composition:

100 g contains: 22 g benzalkonium chloride (benzyl-C12-18 alkyldimethylammonium, chloride); 17 g 2-phenoxyethanol; 0.9 g aminoalkylglycine (amines, n-C10-16-alkyltrimethylenedi-, reaction products with chloroacetic acid)

Labelling according to Regulation (EC) No. 648/2004:

5 – 15 % non-ionic surfactants, perfumes

Chemical/physical data:

Appearance:	clear, green liquid
pH value (concentrate):	8.6 approx
pH-value (0.5 % solution):	between 8 and 9
Density (20 °C):	1.01 g/cm ³ approx.

Labelling according to EC-Directives

(relates to the concentrated product)

- C:** Corrosive.
- R22:** Harmful if swallowed.
- R34:** Causes burns.
- S26:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S35:** This material and its container must be disposed of in a safe way.
- S36/37/39:** Wear suitable protective clothing, gloves (e.g. made of butyl rubber) and eye/face protection.
- S45:** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Special instructions

Use disinfectant safely. Always read the label and product information before use.

Accessories / Dosage aids

	Art. Nr.
2-litre bottle dispenser (20 ml dispensed each time)	183 401
5-litre canister tap	135 501
30-litre canister tap	126 101
5-litre canister dispenser (20 ml dispensed each time)	117 101
30-litre canister dispenser (100 ml dispensed each time)	182 501
5-litre canister opener	135 810
30-litre canister opener	135 901
Measuring beaker 500 ml	136 101
Decanter funnel	117 901

For more information on our dosage aids, please ask for our Hygiene Technology brochure.

Environmental information

schülke manufactures products economically and with advanced, safe and environmentally friendly production processes while at the same time maintaining our high quality standards.

Expert opinions and informations

Please visit our website for an overview of all available literature/reports on terralin® protect www.schuelke.com

For answers to your specific questions, please call our product/user helpline on: +49-(0)40-521 00-666



Schülke & Mayr GmbH is certified according to DIN EN ISO 9001, DIN EN ISO 14001 and DIN EN ISO 13485 (Reg.-No. 004567-MP23) and has a validated environmental system in accordance with the Eco Audit Regulation (Reg.-No. DE-150-00003).

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