

SURFACE / DISINFECTANT CONCENTRATES

OPTISAL® N



PREVENT

LIQUID CONCENTRATE FOR SURFACE DISINFECTION AND CLEANING

1 / 8

Excellent material compatibility

Low cleaning effort due to combination of very good cleaning and disinfection performance

No odor nuisance due to pleasant fresh scent

Active against
enveloped viruses
and tuberculocidal
from 0.5 % in 60 min.



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PRODUCT DESCRIPTION

2 / 8

0 % QAV
0 % Aldehyd
100 % Amine formulation

OPTISAL N is an user-friendly concentrate for disinfection and cleaning of non-invasive medical devices, medical inventory and all kinds of surfaces. The product has a remarkably high cleaning power. Moreover, it has a fresh and pleasant scent, as it contains neither aldehydes nor phenols. Due to its QAC (quaternary ammonium compounds)-free formulation, adhesive effects on treated surfaces are avoided.

The use of **OPTISAL N** is especially recommended for all areas where, in addition to the compliance with high hygienic demands, the avoidance of unpleasant odors is required. Well suited for use on PVC/linoleum-floors.

APPLICATIONS AND NOTES

According to Biocidal Products Regulation (BPR)

Disinfection and cleaning of medical inventory and all kind of surfaces.

According to EU Medical Devices Regulation

Aldehyde-free disinfection and cleaning of non-invasive medical devices.

Application

Surface disinfection: Wet the surface to be disinfected completely with a sufficient amount of the freshly prepared OPTISAL N working solution and spread it mechanically (scrub-wipe disinfection). In routine use, the disinfected surfaces can be used again immediately after drying taking the exposure time into account. Concentrate - only use diluted! Prepare the desired concentration of the usage solution with water of suitable quality (max. 40 °C). Medical devices that come into contact with the body during intended use should be rinsed for 15 s under running water of suitable quality after the exposure time has elapsed.

According to the EU Medical Device Regulation, users/patients are obligated to report any serious incident that has occurred in relation to the device to the manufacturer and the competent authority of the EU Member State in which the user/patient is established.

Application notes

Do not use OPTISAL N in direct connection with products containing aldehyde. Before first use of OPTISAL N, it is recommended to thoroughly clean the surfaces with a suitable product, e.g. HANSA CLEAN SPEZIAL. After preparation of the application concentration of OPTISAL N, turbidity of the solution may occur. Turbidity has no effect on effectiveness.

FILLING OF WIPE DISPENSER

Wipe dispenser	Filling quantity	Standing time
ONE SYSTEM BASIC	2,5 L	42 days
ONE SYSTEM PLUS	3 L	42 days
DESCO WIPES	3 L (100 sheet)	28 days
	1,5 L (70 sheet)	
	1,5 L (50 sheet)	
ECO WIPES	2,5 L (120 sheet)	28 days
	3 L (100 sheet)	
	1,5 L (50 sheet)	

Composition

100 g contain: 7.2 g N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine. Regulation (EC) No 648/2004 (Regulation on detergents): Non-ionic surfactants 5 - 15 %, Contains fragrances: Limonene, Linalool.

Material compatibility

Wide range of applications on surfaces and medical devices. (see page 5 - 7)

Product status

Dual labeling (medical device/biocide)

SURFACE / DISINFECTANT CONCENTRATES

OPTISAL® N



PREVENT

APPLICATIONS AND NOTES

3 / 8

Precautionary and hazard statements

Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Avoid release to the environment. Dispose of contents/container to approved disposal company or local collection.

For professional use only by personnel with corresponding specialist knowledge according to national directives.

Use disinfectants safely.

Always read label and product information before use.

SURFACE / DISINFECTANT CONCENTRATES

OPTISAL® N



PREVENT

SPECTRUM OF EFFICACY AND CONTACT TIMES

4 / 8



SPECTRUM OF ACTIVITY AND CONTACT TIMES			5 min	15 min	30 min	60 min
application recommendation						
application recommendation for surface disinfection: Bactericidal, yeasticidal ¹	VAH/EN 16615	with mechanical action, dirty conditions		1 %		0.5 %
application recommendation for surface disinfection: tuberkulocidal (M.terrae)	EN 14348	clean conditions				0.5 %
enveloped viruses						
active against enveloped viruses	EN 14476	dirty and clean conditions		1 %		0.5 %
additional test results						
bactericidal	EN 16615	dirty conditions		1 %		0.5 %
	EN 13727	clean conditions		0.25 %		
	EN 13727	dirty conditions		0.25 %		
yeasticidal	EN 16615	dirty conditions		1 %		0.5 %
	EN 13624	clean conditions		0.125 %		
	EN 13624	dirty conditions		0.25 %		
active against enveloped viruses	RKI/DVV	incl. HBV/HIV/HCV		1 %		0.5 %

¹ – including phase 2 step 1 and phase 2 step 2 tests (quantitative suspension tests and quantitative carrier tests)

SURFACE / DISINFECTANT CONCENTRATES

OPTISAL® N



PREVENT

MATERIAL COMPATIBILITY

5 / 8



MATERIAL METALS	not recommended	limited recommended	recommended	APPLICATION PRODUCT EXAMPLE
stainless steel V2A			•	Medical transport chairs
			•	Rollators
stainless steel V4A			•	Bed frame
			•	Walking frames
aluminium			•	
copper	•			
brass	•			

SURFACE / DISINFECTANT CONCENTRATES

OPTISAL® N



PREVENT

MATERIAL COMPATIBILITY

6 / 8



MATERIAL PLASTICS: ELASTOMERS				APPLICATION PRODUCT EXAMPLE
	not recommended	limited recommended	recommended	
PUR (polyurethane)			•	Medical transport chairs
silicone			•	Medical keyboards and mice
EPDM (ethylene-propylene-diene (monomer) rubber)		•		Nursing trolleys
CR (chloroprene rubber)		•		

SURFACE / DISINFECTANT CONCENTRATES

OPTISAL® N



PREVENT

MATERIAL COMPATIBILITY

7 / 8



MATERIAL PLASTICS: THERMOPLASTICS	not recommended	limited recommended	recommended	APPLICATION PRODUCT EXAMPLE
ABS (acrylonitrile-butadiene-styrene copolymer)			•	Patient monitoring monitors
			•	Medical keyboards and mice
POM (polyoxymethylene)			•	Seating shells
PMMA (polymethyl methacrylate)	•			Acrylic and plexiglass, incubators
PC (polycarbonate e.g. Makrolon)	•			MRT devices, ultrasound devices
ABS (acrylonitrile-butadiene-styrene copolymer)	•			Parts used in dosing systems (as concentrate)

SURFACE / DISINFECTANT CONCENTRATES

OPTISAL® N



PREVENT

PURCHASING INFORMATION

8 / 8

Product	Single unit	Unit	Content	REF
OPTISAL N	Dosage bottle	10	1 L	00-214-010E
	Canister	3	5 L	00-214-050E

National information may differ. For further information, please contact our subsidiary or your local dealer.
The availability of the products and container sizes depend on a completed national registration.

pH 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14  CE 0123

CERTIFICATIONS



For an overview of our current certifications, scan the QR code to visit:
<https://www.schumacher-online.com/en/cert>

Dr. Schumacher is certified according to DIN EN 13485, DIN EN ISO 9001, DIN EN ISO 14001, BS OHSAS 18001,
has a validated environment management system according to EMAS and is a member of IHO, VCI, BAH, DGSV and of the DGKH.