

SURFACE / DISINFECTANT CONCENTRATES

OPTISAL®
PLUS



PRESERVE

LIQUID CONCENTRATE FOR SURFACE DISINFECTION AND CLEANING

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Improved water hardness stability
High efficiency due to broad spectrum of efficacy
Particularly suitable for alcohol-sensitive surfaces

Applicable as
part of an HACCP
concept



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PRODUCT DESCRIPTION

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OPTISAL PLUS is a liquid concentrate for disinfection and cleaning of near-patient surfaces as well as non-invasive medical devices.

OPTISAL PLUS is characterised by an excellent cleaning performance and a range of efficacy specially designed for routine applications. In addition to its effectiveness against enveloped viruses (HBV, HIV, HCV), **OPTISAL PLUS** is highly effective

against adenovirus, norovirus and rotavirus. **OPTISAL PLUS** also shows good bactericidal, levurocidal and tuberculocidal activity. **OPTISAL PLUS** is odour-free and fragrance-free.

APPLICATIONS AND NOTES

Acc. to Biocidal Products Regulation (BPR)

Disinfection and cleaning of surfaces and inventory in medical, industrial and public areas. Suitable for use in the food sector.

Acc. 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 PLUS 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.

Instructions for use

Before first use of OPTISAL PLUS, it is recommended to thoroughly clean the surfaces with a suitable product, e.g. HANSA CLEAN SPEZIAL. Do not use OPTISAL PLUS in direct connection with products containing aldehyde. OPTISAL PLUS is not permitted as a spray application. Thoroughly rinse surfaces and tools that come into contact with food with clean water (drinking water quality) after the exposure time.

Composition

100 g contain:

7.2 g N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine,
6.6 g alkyl(C12-16) dimethylbenzylammonium chloride,
2.3 g didecylidimethylammonium chloride,

REGULATION (EC) No 648/2004 (Detergent Regulation):
Contains: < 5 % non-ionic surfactants.

Material compatibility

Wide range of applications on surfaces and medical devices.
(see page 4-6)

Product status

Medical device (IIa) and biocide (PT 2, 4)

Precautionary and hazard statements

Harmful if swallowed. Causes severe skin burns and eye damage. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects. Contains N-dodecylpropane-1,3-diamine. May produce an allergic reaction. 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 INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Call a POISON CENTER/doctor. 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.

Read label before use.

Use disinfectants safely.

Always read label and product information before use.

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SPECTRUM OF EFFICACY AND CONTACT TIMES

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SPECTRUM OF EFFICACY AND CONTACT TIMES			5 min	15 min	30 min	60 min
Application recommendation for surface disinfection						
bactericidal ¹ , yeasticidal ¹	VAH/EN 16615 DGHM	with mechanical action, dirty conditions	2,5 % ²	1,5 % ²	1 %	0,5 % ²
tuberculocidal (M.terrae)	EN 14348	dirty conditions				1,5 %
limited spectrum virucidal	EN 14476	dirty and clean conditions			2 %	1 %
active against enveloped viruses	EN 14476	dirty and clean conditions	1 %			0,5 %
Application in the food sector (incl. canteen kitchens), industry, household and public areas						
bactericidal	EN 13697 EN 1276	dirty conditions	0,5 %			
yeasticidal	EN 13697 EN 1650	dirty conditions	0,5 %			
Additional test results						
bactericidal	EN 13727	dirty conditions	0,5 %			
	EN 16615	dirty conditions	2,5 %	1,5 %		0,5 %
	EN 17387	dirty conditions	1 %			
yeasticidal	EN 13624	dirty conditions	0,5 %			
	EN 16615	dirty conditions	2,5 %	1,5 %		0,5 %
	EN 17387	dirty conditions	1 %			
active against noroviruses (MNV)	EN 14476	clean conditions	2 %	1 %		0,5 %
	EN 14476	dirty conditions	2 %	1 %		
active against adenoviruses	EN 14476	clean conditions		2 %		1 %
	EN 14476	dirty conditions			2 %	1 %
fungicidal (A. brasiliensis)	DGHM	dirty conditions				3 %

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

² – VAH listed

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MATERIAL COMPATIBILITY

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

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MATERIAL COMPATIBILITY

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MATERIAL PLASTICS: THERMOPLASTICS	not recommended	limited recommended	recommended	APPLICATION PRODUCT EXAMPLE
PA (polyamide)			•	X-ray chute
PE-HD (polyethylene-high density)			•	Storage and transport containers
ABS (acrylonitril-butadiene-styrene)			•	X-ray devices
PP (polypropylene)			•	
PMMA (polymethylmethacrylate)			•	Acrylic and plexiglass
PC (polycarbonate e.g. Makrolon)	•			Ultrasound devices
PC/ABS (polycarbonate/acrylonitril-butadiene-styrene)	•			

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MATERIAL COMPATIBILITY

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MATERIAL PLASTICS: ELASTOMERS	not recommended	limited recommended	recommended	APPLICATION PRODUCT EXAMPLE
silicones			•	Medical keyboards and mice
PUR (polyurethane)			•	Medical transport chairs
			•	Dashboards
CR (neoprene)		•		
EPDM (ethylene propylene diene (monomer) rubber)		•		

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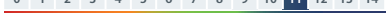
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PURCHASING INFORMATION

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Product	Single unit	Delivery unit	Content	REF
OPTISAL PLUS	sachet	200	20 ml	00-245-0002E
	dosage bottle	10	1 L	00-245-010E
	canister	3	5 L	00-245-050E

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