

NOSOPROTECT®

Highly concentrated mycobactericidal surgical instrument disinfectant

NOSOPROTECT is a highly concentrated mycobactericidal instrument disinfectant combining excellent cleaning and disinfection performance in a single process.

NOSOPROTECT provides a broad-spectrum antimicrobial efficacy, including tuberculocidal and mycobactericidal activity, while effectively removing organic soils such as blood, lipids, and polysaccharides.

Its advanced formulation is optimized for use on heat-sensitive materials and instrumentation, including scalpels, curettes, forceps, scissors, specula, mirrors, stethoscopes, and similar devices.

NOSOPROTECT helps protect instruments against corrosion and discoloration, supporting longer instrument lifespan and reduced maintenance costs.

NOSOPROTECT can be used in ultrasonic and immersion baths, allowing flexible integration into reprocessing workflows.

Properties

- Highly concentrated mycobactericidal disinfectant
- Broad-spectrum antimicrobial activity
- Very economical: 0,25 - 1% dilution
- Effective removal of organic residues
- Used in immersion or ultrasonic baths
- Prevents corrosion and instrument discoloration
- Fully compatible even with the most sensitive materials
- Does not contain phenols, aldehydes, chlorine or EDTA

Disinfecting properties

ACTIVITY SPECTRUM	STANDARD	STRAINS	CONTACT TIME
BACTERICIDAL* (Dirty conditions)	EN 13727	<i>Pseudomonas aeruginosa</i> <i>Staphylococcus aureus</i> <i>Enterococcus hirae</i>	0.25% - 5 Min.
	EN 14561	<i>Pseudomonas aeruginosa</i> <i>Staphylococcus aureus</i> <i>Enterococcus hirae</i>	0.50% - 5 Min. 0.25% - 5 Min. 0.25% - 5 Min.
FUNGICIDAL (Dirty conditions)	EN 13624	<i>Candida Albicans</i>	0.25% - 5 Min.
	EN 14562		
VIRUCIDAL (Dirty conditions)	DVV ⁽¹⁾ /RKI ⁽²⁾ 2014	BVDV, Vaccinia, HBV, HIV, HCV, Ebola, Herpes, Influenza H1N1, H5N1, Coronavirus	1% - 15 Min. 0.75% - 30 Min.
TUBERCULOCIDAL (Dirty conditions)	EN 14348	<i>Mycobacterium Terrae</i> (Surrogate <i>M. tuberculosis</i>)	2% - 15 Min.
			1% - 60 Min.
MYCOBACTERICIDAL (Dirty conditions)	EN 14348	<i>Mycobacterium Terrae</i> <i>Mycobacterium Avium</i>	1% - 60 Min.
SPORICIDAL (Dirty conditions)	EN 13704	<i>Bacillus Subtilis</i>	2% - 15 Min. 1% - 60 Min.

* Including all antibiotic resistant bacteria such as *Escherichia coli*, *Klebsiella pneumoniae*, *Streptococcus pneumoniae*, etc.)

(1) DVV: Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten (German Association for the Control of Virus Diseases)

(2) RKI: Robert Koch Institute - German Federal Health Authority



Packaging

- 5 litre canister (Ref. 20012)
- Dosing pump for 5 litre canister (Ref. 20023)

Physical properties

- Appearance: Transparent solution
- Density: 0.99 g/cm³ at 20°C
- pH: 12.0-12.8 at 20°C
- pH (1%): 9.5-10.5 at 20°C
- Odour: Neutral
- Storage: 5°C - 35°C
- Stability: 3 Years
- Biodegradability: according to OCDE 301D

Ultrasonic bath

NOSOPROTECT can be used in all common types of ultrasonic baths.

Compatibility

NOSOPROTECT is compatible with most materials such as stainless steel, aluminum, glass, ceramics, hard plastics, ebonite, etc.

NOSOPROTECT is not compatible with disinfecting preparations containing aldehydes.

Composition

N-(3-aminopropyl)-N-dodecylpropano-1,3-diamine, didecyl-dimethyl ammonium chloride, non-ionic surfactants <5%, isopropyl alcohol, corrosion inhibitor, anti-foaming agent, excipients.



For further information, please visit www.medalkan.com

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Instructions for use

1. Immediately after use, remove gross contamination (e.g. blood, saliva, debris) from instruments under running water.
2. Dilute NOSOPROTECT in cold or warm water according to the required antimicrobial activity (see disinfecting properties table).
3. Mix gently until the solution is homogeneous.
4. Fully open all hinged or jointed instruments prior to immersion.
5. Completely immerse the instruments in the prepared solution, ensuring that all surfaces, lumens, and joints are fully covered by the solution.
6. Allow the instruments to soak for the required contact time, according to the selected concentration and intended antimicrobial activity. If necessary, apply mechanical action (e.g. brushing of accessible surfaces).
7. Rinse your instruments thoroughly
8. Dry the instruments using a single-use disposable paper or wipe.
9. After use keep the solution covered.
Proceed with subsequent sterilisation.

Change the solution every 15 days or when it becomes visibly contaminated.

NOSOPROTECT has been tested and is suitable for long-term immersion of surgical instruments for up to 72 hours.

For professional use only.
Do not mix with other chemicals.
Keep container tightly closed after use.
Store between +5°C and +35°C.

Certifications

- CE mark according to the medical devices Directive (Directive 93/42/EEC)
- Medical device class IIb

NOSOPROTECT is manufactured in the EU.

MEDALKAN satisfies the requirements of ISO 9001:2015 for quality management system and the requirements of ISO 13485:2016 for the design and manufacture of medical devices.