

# NOSOPROTECT®

## Highly concentrated mycobactericidal surgical instrument disinfectant

NOSOPROTECT is a very concentrated mycobactericidal disinfectant for instrumentation combining excellent cleaning and disinfection efficiency. It has a broad spectrum of antimicrobial activity (tuberculocidal and mycobactericidal) and effectively removes organic residues such as blood, lipids, polysaccharides, etc

Its specific formula is perfectly adapted to heat-sensitive materials. It can be used on any type of surgical instrument (scalpels, curettes, forceps, scissors ...) or medical instrument (speculum, mirrors, stethoscope, etc.). It protects instruments from corrosion and discoloration.

It can be used in ultrasonic baths or immersion baths.

### Properties

- Very economical: 0,25 - 1% dilution
- Effectively removes organic residues
- Used in immersion bath or ultrasonic bath
- Prevents corrosion and instrument discoloration
- Fully compatible even with the most sensitive materials
- Bactericidal, fungicidal, tuberculocidal, mycobactericidal
- Virucidal (HBV, HIV, HCV, Herpes, Vaccinia, BVDV, Influenza, Ebola, Coronavirus...)
- Does not contain phenols, aldehydes, chlore or EDTA

### Disinfecting properties

ACTIVITY SPECTRUM	STANDARD	STRAINS	CONTACT TIME
BACTERICIDAL* (Dirty conditions)	EN 13727	Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae	0.25% - 5 Min.
	EN 14561	Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae	0.50% - 5 Min. 0.25% - 5 Min. 0.25% - 5 Min.
FUNGICIDAL (Dirty conditions)	EN 13624	Candida Albicans	0.25% - 5 Min.
	EN 14562		
VIRUCIDAL (Dirty conditions)	DVV <sup>(1)</sup> /RKI <sup>(2)</sup> 2014	BVDV, Vaccinia, HBV, HIV, HCV, Ebola, Herpes, Influenza H1N1, H5N1, Coronavirus	1% - 15 Min. 0.75% - 30 Min.
TUBERCULOCIDAL (Dirty conditions)	EN 14348	Mycobacterium Terrae (Surrogate M. tuberculosis)	2% - 15 Min. 1% - 60 Min.
MYCOBACTERICIDAL (Dirty conditions)	EN 14348	Mycobacterium Terrae Mycobacterium Avium	1% - 60 Min.
SPORICIDAL (Dirty conditions)	EN 13704	Bacillus Subtilis	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/cm<sup>3</sup> 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

### Instructions for use

Dilute NOSOPROTECT in cold water according to the required activity spectrum (See the table of disinfecting properties).

Stir gently. Open all instruments with joints. Immerse them into the solution. Be sure they are fully covered and let them soak for the corresponding contact time.

Rinse carefully your instruments with running water and wipe them with a single-use paper.

After use, keep the solution covered.

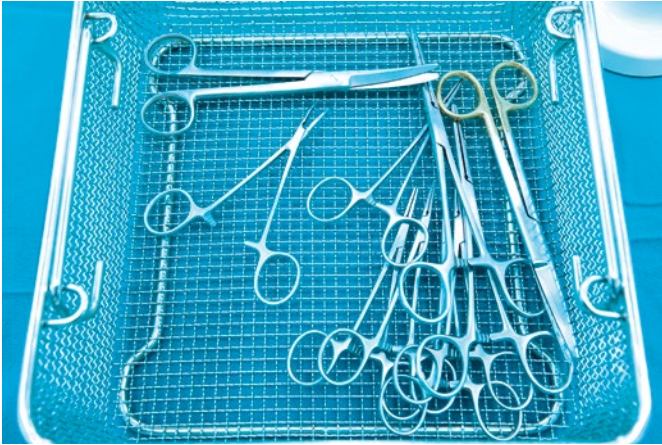
**Change the solution every 15 days or when it becomes very dirty.** NOSOPROTECT has been tested and is suitable for long-term immersion of surgical instruments up to 72 hours. Do not mix with other disinfectants. The packaging must be closed tightly after use. Store between +5°C and + 35°C.

For further information, please visit [www.medalkan.com](http://www.medalkan.com)



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## 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.

## 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.