

# MEDAPROTECT®

## Concentrated mycobactericidal disinfectant for medical and surgical instruments

MEDAPROTECT is a high-performance concentrated solution for the cleaning and disinfection of heat-resistant and heat-sensitive instruments.

It combines an excellent cleaning efficiency thanks to the powerful synergy of surfactants and a broad spectrum of antimicrobial activity including atypical mycobacteria.

It is recommended for all types of surgical and dental instruments such as scalpel, forceps, curette, mirror, scaler, etc. Its very low foaming formulation is perfectly adapted to use in ultrasonic baths.

Its formulation inhibits instrument corrosion and protects them from discoloration even with prolonged immersion

### Properties

- Very economical: 0,25 - 1% dilution
- Effectively removes organic residues
- Used in immersion bath or ultrasonic bath
- Prevents corrosion and instruments 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, chlorine 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.
	EN 14348	Mycobacterium Terrae Mycobacterium Avium	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

### Certifications

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



### Packaging

- One litre bottle with dispenser (Ref. 20009)
- 5 litre canister (Ref. 20010)

### Physical properties

- Appearance: Blue solution
- Density: 0.99 g/cm<sup>3</sup> at 20°C
- pH: 12-12.8 at 20°C
- pH (1%): 9.5-10.5 at 20°C
- Odour: Mild eucalyptus scent
- Storage: 5°C - 35°C
- Stability: 3 Years
- Biodegradability: According to OCDE 301D

### Instructions for use

Dilute 20 ml of MEDAPROTECT in 2 litres of cold water (1% dilution). Stir gently. Open all instruments with joints. Immerse them in the solution. Be sure they are fully covered and let them soak for a contact time according to the desired results (see. Table). Rinse 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.**

MEDAPROTECT 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 should be closed tightly after use.

Store the product between + 5 ° C and + 35 ° C.



**Medalkan**  
HYGIENE & DISINFECTION

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

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MEDAPROTECT is manufactured in the E.U.

**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

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

## Compatibility

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

MEDAPROTECT is not compatible with disinfecting preparations containing aldehydes.

## Composition

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

