

# 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 is recommended for all surgical instruments as well as medical examination instruments. It effectively removes organic residues and prevents corrosion and discoloration of instruments.

It is suitable for the cleaning of all types of endodontic instruments (rays, reamers,...) as well as general use instruments (tweezers, mirrors, scissors, forceps,...).

MEDAPROTECT does not contain phenols, aldehydes, chlorine or EDTA.

## 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...)

## Disinfecting properties

ACTIVITY SPECTRUM	STANDARD	STRAINS	CONTACT TIME
<b>BACTERICIDAL*</b> (Dirty conditions)	EN 13727	Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae	0.25% - 5 Min.
<b>FUNGICIDAL</b> (Dirty conditions)	EN 13624	Candida Albicans	0.25% - 5 Min.
<b>VIRUCIDAL</b> (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.
<b>TUBERCULOCIDAL</b> (Dirty conditions)	EN 14348	Mycobacterium Terrae (Surrogate M. tuberculosis)	2% - 15 Min. 1% - 60 Min.
<b>MYCOBACTERICIDAL</b> (Dirty conditions)	EN 14348	Mycobacterium Terrae Mycobacterium Avium	1% - 60 Min.

\* Including all antibiotic resistant bacteria such as MRSA, 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)

## Physical properties

- Appearance: Transparent - 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.

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for medical and surgical instruments



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.

