



Medalkan
HYGIENE & DISINFECTION

The next generation of
medical disinfectants



Surfaces



Instruments



Special applications

Product catalog for healthcare and dental professionals



MADE IN THE E.U.

www.medalkan.com



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Our company



MEDALKAN is the first Greek company to produce disinfectants for medical use, with an excellent reputation for product innovation in the healthcare sector.

Our products have been designed and developed by a team of Greek and French experts and are manufactured in Greece using the latest technologies. We have a strict policy of applying the latest quality standards to our products in order to guarantee efficiency and consistency in our manufacturing process.

We manufacture a full range of CE approved high-standard cleaning and disinfection products for healthcare professionals, clinics, dental clinics, diagnostic centers and hospitals.

The range of MEDALKAN products includes specific medical devices for the simultaneous cleaning and disinfection of surfaces, burs, instruments, suction units and dental impressions. We also have a special range of products specially developed for hospitals and clinics.

Particular attention has been paid to their disinfecting properties, their effectiveness, and their friendliness to the materials and the environment, while ensuring high level protection from contamination. MEDALKAN is certified ISO 9001:2015 and ISO 13485:2016 for the design and manufacture of medical devices.

Our products bear the CE marking in accordance with the 93/42/EEC directive for the medical devices.



ΕΘΝΙΚΟ ΚΕΝΤΡΟ ΑΞΙΟΛΟΓΗΣΗΣ
ΤΗΣ ΠΟΙΟΤΗΤΑΣ & ΤΕΧΝΟΛΟΓΙΑΣ
ΣΤΗΝ ΥΓΕΙΑ Α.Ε.



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The European standards for medical devices

ACTION SPECTRUM	STANDARD PHASE & STEP	TEST CONDITIONS	STRAINS	ACTION TIME	LOG
BACTERICIDAL *	EN 13727 Phase 2/ Step 1	Conditions: clean / dirty	Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae	60 Min.	5 Log
	EN 14561 Phase 2/ Step 2 (Optional)	Conditions: clean / dirty	Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae	60 Min.	5 Log
FUNGICIDAL	EN 13624 Phase 2/ Step 1	Conditions: clean / dirty	Candida albicans (yeasticidal) Aspergillus brasiliensis (fungicidal)	60 Min.	4 Log
	EN 14562 Phase 2/ Step 2 (Optional)	Conditions: clean / dirty	Candida albicans (yeasticidal) Aspergillus brasiliensis (fungicidal)	60 Min.	4 Log
TUBERCULOCIDAL / MYCOBACTERICIDAL	EN 14348 Phase 2/ Step 1	Conditions: clean / dirty	Mycobacterium terrae (Tuberculocidal) M. terrae + M. avium (Mycobactericidal)	60 Min.	4 Log
	EN 14563 Phase 2/ Step 2 (Optional)	Conditions: clean / dirty	Mycobacterium terrae (Tuberculocidal) M. terrae + M. avium (Mycobactericidal)	60 Min.	4 Log
VIRUCIDAL ** (AGAINST ENVELOPED VIRUSES)	DVV ⁽¹⁾ / RKI ⁽²⁾ (2014) Phase 2/ Step 1 Limited Virucidal	Conditions: clean / dirty	BVDV (Bovine viral Diarrhea virus) Vaccinia virus	60 Min.	4 Log
VIRUCIDAL	EN 14476 Phase 2/ Step 1	Conditions: clean / dirty	Poliovirus Adenovirus Norovirus	60 Min.	4 Log
SPORICIDAL	EN 14347 Phase 1	Clean conditions	Bacillus subtilis Bacillus cereus (Optional) Clostridium difficile (Optional)	60 Min.	4 Log
	EN 13704 Phase 2/ Step 1	Conditions: clean / dirty	Bacillus subtilis Bacillus cereus Clostridium difficile (Optional)	60 Min.	4 Log

* Includes antibiotic-resistant bacteria (MRSA, Escherichia coli, Klebsiella pneumoniae, Streptococcus pneumoniae, etc.)

** Included viruses: HIV, BVDV, Vaccinia Virus, HBV (Hepatitis B), HCV (Hepatitis C), Influenza H1N1, H5N1, H5N8, Herpes simplex, Ebola, Coronavirus, Zika virus.

(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

Mycobacteria

Spread and Disinfection

Spread of Mycobacteria

Tuberculosis (TB), already among the most common infectious diseases with 6–9 million new clinical cases globally, is an even greater threat now due to the combined influence of the AIDS pandemic, solid organs transplanted from infected donors, induced immunosuppression for cancer therapy and organ transplantation, malnutrition, faster and more frequent international travel, higher population density and other on-going societal changes.

Infection with tuberculosis is usually the result of droplet infection. The TB pathogens penetrate via mucous membranes, open wounds or even fresh tattoos. The probability of catching tuberculosis is many times higher in immunosuppressed hosts (for example HIV hosts).

Unlike Tuberculosis, which spreads mainly through air and is not known to replicate outside human or animal hosts, atypical mycobacteria are classic opportunistic pathogens with a very wide distribution in biofilms and in natural and engineered environments. They are inherently more resistant to microbicides and many chemotherapeutic agents as well.

Unlike Tuberculosis, mycobacteria may survive on environmental surfaces for days to months. Water and soil are the main reservoirs for environmental mycobacteria, with the nose and mouth as well as damaged soft tissue and skin being major portals of entry.

Environmental mycobacteria in biofilms in rinse water or inside automated endoscope reprocessors themselves can contaminate semicritical medical devices, leading to iatrogenic infections, pseudo-outbreaks or misdiagnoses.

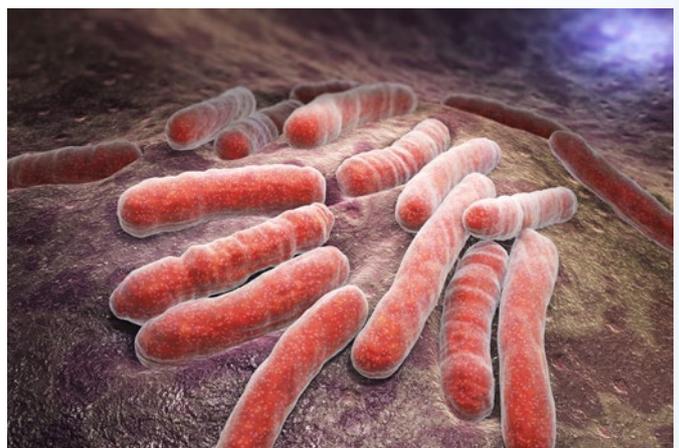
Improperly reprocessed semicritical devices such as gastroscopes and bronchoscopes can be iatrogenic means of spread.

Microbicides and Mycobacteria

Mycolic acid in mycobacterial cell walls gives them a waxy, hydrophobic and generally less permeable character. This also makes them generally more resistant to penetration by microbicides than other non-sporulating bacteria. In addition, mycobacteria might also be protected from disinfection by their ability to reside and replicate inside eukaryotes such as free-living amoebae

Chemicals are used to inactivate mycobacteria and suppress biofilm formation, to decontaminate surfaces and pieces of equipment and are used for manual or machine disinfection of medical devices and skin antisepsis. (Russel, Hugo & Ayliffe's Principle and Practice of Disinfection, Preservation and Sterilization)

Microbiological testing (EN 13438 tested with *Mycobacterium Terrae* and *Mycobacterium Avium*) ensures that **MEDASEPT 100**, **MEDABUR**, **MEDAPROTECT** and **MEDAPRINT** provide the best possible safety against *Mycobacterium tuberculosis* as well as atypical Mycobacteria.



MEDASEPT® 100

Fast acting broad spectrum surface disinfectant



MEDASEPT 100 is a fast acting and broad spectrum sprayable disinfectant for the medical devices' surfaces after each session.

It is specifically designed to avoid cross contamination between patients. It is recommended for the disinfection of medical equipment surfaces (benches, dental units, handles, spittoons, etc...) that are in direct contact with patients and medical staff.

It has excellent disinfecting properties and leaves no traces after drying. MEDASEPT 100 has a mild odor and does not affect the medical equipment.



Properties

- Bactericidal, fungicidal, tuberculocidal, mycobactericidal
- Virucidal (HBV, HIV, HCV, Herpes, Vaccinia, BVDV, Influenza, Ebola, Coronavirus...)
- Active in 30 seconds
- Does not affect the medical equipment
- Leaves no residue after drying
- 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	30 sec.
FUNGICIDAL (Dirty conditions)	EN 13624	Candida Albicans Aspergillus Brasiliensis (Fungicidal)	30 sec. 5 min.
VIRUCIDAL (Dirty conditions)	DVV ⁽¹⁾ /RKI ⁽²⁾ 2014 EN 14476	BVDV, Vaccinia, HBV, HIV, HCV, Ebola, Herpes, Influenza H1N1, H5N1, Coronavirus	30 sec.
TUBERCULOCIDAL (Dirty conditions)	EN 14348	Mycobacterium Terrae (Surrogate M. tuberculosis)	3 min.
MYCOBACTERICIDAL (Dirty conditions)	EN 14348	Mycobacterium Terrae Mycobacterium Avium	3 min.

* Includes antibiotic-resistant bacteria (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

Packaging

- One litre spray bottle (Ref. 20001)
- 5 litre canister (Ref. 20002)

Physical properties

- Appearance: Transparent solution
- Density: 0.97 g/cm³ at 20°C
- pH: 9.0-9.6 at 20°C
- Odour: Mild (alcohol)
- Storage: 5°C - 35°C
- Stability: 3 Years
- Biodegradability: According to OCDE 301D

Composition

Isopropyl alcohol, didecyl-dimethyl ammonium chloride, N-(3-aminopropyl)-N dodecylpropano-1,3-diamine, excipients.

Certifications

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

NOSOPROTECT 100®

Foaming disinfectant spray for instrument pre-treatment

NOSOPROTECT 100 is a disinfecting detergent foam with a broad spectrum of activity for the quick pre-treatment of instruments immediately after use.

NOSOPROTECT 100 keeps the instruments moist, protects from corrosion and avoids organic residues such as blood or proteins from drying. It makes the reprocessing of instruments safer and significantly easier.

NOSOPROTECT 100 contains a complex of highly stabilized enzymes, surfactants, amines and corrosion inhibitors for an enhanced protection and cleaning action. It does not contain alcohol, quaternary ammonium compounds, phenols, aldehydes, chlorine, EDTA, fragrances or colorants.

Properties

- Ready-to-use
- High efficiency instrument cleaning and disinfection foam
- Keeps the instruments moisted
- Bactericidal, fungicidal, tuberculocidal, mycobactericidal
- Virucidal (HBV, HIV, HCV, Herpes, Vaccinia, BVDV, Influenza, Ebola, Coronavirus)
- Highly stabilized enzymatic solution
- Protects from corrosion and instrument discoloration
- Fully compatible even with the most sensitive materials

Disinfecting properties

ACTIVITY SPECTRUM	STANDARD	STRAINS	CONTACT TIME
BACTERICIDAL* (Dirty conditions)	EN 13727	Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae	5 Min.
FUNGICIDAL (Dirty conditions)	EN 13624	Candida Albicans	5 Min.
VIRUCIDAL (Dirty conditions)	DVV ⁽¹⁾ /RKI ⁽²⁾ 2014 EN 14476	BVDV, Vaccinia, HBV, HIV, HCV, Ebola, Herpes, Influenza H1N1, H5N1, Coronavirus	2 Min.
TUBERCULOCIDAL (Dirty conditions)	EN 14348	Mycobacterium Terrae (Surrogate: M. tuberculosis)	15 Min.
MYCOBACTERICIDAL (Dirty conditions)	EN 14348	Mycobacterium Terrae Mycobacterium Avium	15 Min.

* Includes antibiotic-resistant bacteria (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



Packaging

- One litre bottle with spray (Ref. 20034)
- 5 litre refill canister (Ref. 20008)

Physical properties

- Appearance: Transparent foaming solution
- Density: 0.99 g/cm³ at 20°C
- pH: 9.5-10.5 at 20°C
- Odour: Neutral
- Storage: 5°C - 35°C
- Stability: 3 Years
- Biodegradability: According to OCDE 301D

Compatibility

NOSOPROTECT 100 is compatible with most materials such as stainless steel, aluminium, glass, ceramics, hard plastics, rubber, plexiglass, polycarbonate, ebonite, etc.

NOSOPROTECT 100 is not compatible with disinfecting preparations containing aldehydes.

Composition

Enzymes (protease, lipase, amylase), N-(3-aminopropyl)-N-dodecylpropano-1,3-diamine, non-ionic surfactants <5%, corrosion inhibitor, wetting agent, excipients

Certifications

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

NOSOPROTECT 100 is manufactured in the EU. MEDALKAN satisfies the requirements of ISO 9001 for quality management system and the requirements of ISO 13485 for the design and manufacture of medical devices.

MEDAZYM®

Tri-enzymatic cleaner for medical and surgical instruments

MEDAZYM is a concentrated enzyme-based solution especially designed for the cleaning of medical and surgical instruments before disinfection or sterilization.

It contains a combination of three enzymes (protease, lipase, amylase) that degrade proteins, fats, starch, blood residues and effectively removes the toughest organic deposits.

MEDAZYM's neutral pH formulation allows a safe cleaning routine for the user as well as for the instruments, even the most sensitive.

It is recommended for the cleaning in ultrasonic bath, in immersion bath or by conventional hand washing.

Properties

- A combination of three enzymes for a triple cleaning action
- Quickly removes organic residues
- Very economical: 0.5 - 1% dilution
- Recommended for the cleaning in ultrasonic bath, in immersion bath or by conventional hand washing.
- Does not foam, prevents corrosion and instrument discoloration
- Compatible with heat-resistant as well as heat-sensitive instruments

Ultrasonic bath

MEDAZYM can be used in all common types of ultrasonic baths. If the solution is heated, do not exceed 55°C. In ultrasonic bath, it can be used at 0,5% dilution.

Certifications

- CE mark according to the medical devices Directive (Directive 93/42/EEC)
- Medical device class I
- Approved by the Greek National Organization of Medicines



Packaging

- One litre bottle with dispenser (Ref. 20019)

Physical properties

■ Appearance:	Transparent yellow solution
■ Density:	1.02 g/cm ³ at 20°C
■ pH:	7.0 - 8.0 at 20°C
■ pH (0.5% - 1%):	7.0 - 8.0 at 20°C
■ Odour:	Neutral
■ Storage:	5°C - 35°C
■ Stability:	3 Years
■ Biodegradability:	According to OCDE 301D

Compatibility

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

Composition

Protease, lipase, amylase, non ionic surfactants <5%, corrosion inhibitor, pH regulator, excipients.

MEDABUR®

Ready-to-use disinfectant for rotary instruments and burs

MEDABUR is a ready-to-use disinfecting detergent with a broad antimicrobial activity spectrum. It effectively removes organic residues and prevents corrosion and instrument discoloration.

It has been especially formulated for rotary instruments such as diamond, cutting burs, drills, etc ...

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

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

Properties

- Ready-to-use
- Effectively removes organic residues
- For use in immersion bath or ultrasonic bath
- Prevents corrosion and instrument discoloration
- Fully compatible even with the most sensitive materials
- Bactericidal, yeasticidal
- Tuberculocidal, mycobactericidal
- Virucidal (HBV, HIV, HCV, Herpes, Vaccinia, BVDV, Influenza, Ebola, Coronavirus)

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>	5 Min.
FUNGICIDAL (Dirty conditions)	EN 13624	<i>Candida Albicans</i>	5 Min.
VIRUCIDAL (Dirty conditions)	DVV ⁽¹⁾ /RKI ⁽²⁾ 2014 EN 14476	BVDV, Vaccinia, HBV, HIV, HCV, Ebola, Herpes, Influenza H1N1, H5N1, Coronavirus	2 Min.
TUBERCULOCIDAL (Dirty conditions)	EN 14348	<i>Mycobacterium Terrae</i> (Surrogate: <i>M. tuberculosis</i>)	15 Min.
MYCOBACTERICIDAL (Dirty conditions)	EN 14348	<i>Mycobacterium Terrae</i> <i>Mycobacterium Avium</i>	15 Min.

* Includes antibiotic-resistant bacteria (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

MEDABUR is manufactured in the EU. MEDALKAN satisfies the requirements of ISO 9001 for quality management system and the requirements of ISO 13485 for the design and manufacture of medical devices.



Packaging

- 2.5 litre bottle (Ref. 20005)

Ultrasonic bath

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

Compatibility

MEDABUR is compatible with most materials such as stainless steel, aluminium, glass, ceramics, hard plastics, ebonite, etc . MEDABUR is not compatible with disinfecting preparations containing aldehydes.

Physical properties

- Appearance: Transparent solution
- Density: 0.992 g/cm³ at 20°C
- pH: 9.5-11.0 at 20°C
- Odour: Neutral
- Storage: 5°C - 35°C
- Stability: 3 Years
- Biodegradability: According to OCDE 301D

Composition

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

MEDAPROTECT®

Concentrated mycobactericidal disinfectant for medical and surgical instruments

MEDAPROTECT is a highly concentrated solution for the cleaning and disinfection of heat-resistant and heat-sensitive instruments. It combines an excellent cleaning efficiency due to the powerful synergy of surfactants and a broad antimicrobial activity spectrum even at low concentrations.

It is recommended for all surgical instruments as well as medical examination instruments.

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

Properties

- Very economical: 0,25 - 1% dilution
- Effectively removes organic residues
- Use 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...)

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.
FUNGICIDAL (Dirty conditions)	EN 13624	<i>Candida Albicans</i>	0.25% - 5 Min.
VIRUCIDAL (Dirty conditions)	DVV ⁽¹⁾ /RKI ⁽²⁾ 2014 EN 14476	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.

* Includes antibiotic-resistant bacteria (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)
- 5 litre canister (Ref. 20010)
- Dosing pump for 5 litre canister (Ref. 20023)

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.

Physical properties

- Appearance: Transparent - blue 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: Light natural Eucalyptus fragrance
- Storage: 5°C - 35°C
- Stability: 3 Years
- Biodegradability: according to OCDE 301D

Composition

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

MEDASPIR®

High efficiency disinfectant for suction systems

MEDASPIR is a high efficiency concentrated solution for the cleaning and disinfection of all common types of vacuum systems, amalgam separators and spittoons. It removes all organic residues as saliva, blood, proteins and drilling dusts from drain pipes and neutralizes bad smells. It dissolves biofilm leaving the walls of the pipes clean, disinfected with a mild aromatic freshness. The use of MEDASPIR is recommended as a daily routine at the end of the working day.

Properties

- Very economical: 2% dilution
- Quadruple action: cleans, disinfects, removes limestone deposits, perfumes
- Does not foam, prevents corrosion and instrument discoloration
- Contact time: 15 Minutes
- Does not contain phenols, aldehydes or chlorine
- Does not affect the medical equipment
- Bactericidal, fungicidal, tuberculocidal
- Virucidal (HBV, HIV, HCV, Herpes, Vaccinia, BVDV, Influenza, Ebola, Coronavirus...)

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>	5 Min.
FUNGICIDAL (Dirty conditions)	EN 13624	<i>Candida Albicans</i> <i>Aspergillus Brasiliensis</i> (Fungicidal)	5 Min. 60 Min.
VIRUCIDAL (Dirty conditions)	DVV ⁽¹⁾ /RKI ⁽²⁾ 2014 EN 14476	BVDV, Vaccinia, HBV, HIV, HCV, Ebola, Herpes, Influenza H1N1, H5N1, Coronavirus	15 Min.
TUBERCULOCIDAL (Dirty conditions)	EN 14348	<i>Mycobacterium terrae</i> (Surrogate M.Tuberculosis)	60 Min.

* Includes antibiotic-resistant bacteria (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 IIa



Packaging

- 2,5 litre bottle (Ref. 20013)

Physical properties

- Appearance: Transparent yellow solution
- Density: 1.03 g/cm³ at 20°C
- pH: 12.30 - 12.80 at 20°C
- pH (2%): 10.00 - 10.80 at 20°C
- Odour: Mild aromatic (citrus)
- Storage: 5°C - 35°C
- Stability: 3 Years
- Biodegradability: According to την OCDE 301D

Compatibility

MEDASPIR is compatible with all common types of vacuum systems, amalgam separators and spittoons.

Composition

N-(3-aminopropyl)-Ndodecylpropano-1,3-diamine, quaternary ammonium salts, non ionic surfactants <5%, pH regulator, anti-foaming agent, corrosion inhibitor, perfume, excipients.

MEDAPRINT FOAM®

Disinfecting foam for dental impressions

MEDAPRINT FOAM is a disinfecting spray especially developed for the quick and easy cleaning and disinfection of dental impressions.

It does not affect the dimensional accuracy of the impression materials.

It is fully compatible with alginate, silicone, polyether and hydrocolloids.

Properties

- Ready-to-use
- Effectively removes organic residues
- Contact time: 15 minutes
- 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 (1% Dilution)	STANDARD	STRAINS	CONTACT TIME
BACTERICIDAL * (Dirty conditions)	EN 13727	Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae	5 Min.
FUNGICIDAL (Dirty conditions)	EN 13624	Candida Albicans	5 Min.
VIRUCIDAL (Dirty conditions)	DVV ⁽¹⁾ , RKI ⁽²⁾ 2014 EN14476	BVDV, Vaccinia, HBV, HIV, HCV, Ebola, Herpes, Influenza H1N1, H5N1, Coronavirus	2 Min.
TUBERCULOCIDAL (Dirty conditions)	EN 14348	Mycobacterium Terrae (Surrogate M. tuberculosis)	15 Min.
MYCOBACTERICIDAL (Dirty conditions)	EN 14348	Mycobacterium Terrae Mycobacterium Avium	15 Min.

* Includes antibiotic-resistant bacteria (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 spray bottle (Ref. 20035)

Physical properties

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

Compatibility

MEDAPRINT FOAM is compatible with impressions from alginate, silicone, polyether and hydrocolloids.

MEDAPRINT FOAM is not compatible with disinfecting preparations containing aldehydes.

Composition

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

MEDAPRINT®

Concentrated disinfectant for dental impressions

MEDAPRINT is a concentrated solution specially designed for the cleaning and disinfection of dental impressions. It does not affect the dimensionnal accuracy of the impression materials.

It does not contain aldehydes and is very economical to use due to its high concentration.

Properties

- Very economical: 1% dilution
- Contact time: 15 minutes
- Compatible with impressions from alginate, silicone, polyether and hydrocolloids
- Effectively removes organic residues
- 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 (1% Dilution)	STANDARD	STRAINS	CONTACT TIME
BACTERICIDAL * (Dirty conditions)	EN 13727	Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae	5 Min.
FUNGICIDAL (Dirty conditions)	EN 13624	Candida Albicans	5 Min.
VIRUCIDAL (Dirty conditions)	DVV ⁽¹⁾ /RKI ⁽²⁾ 2014 EN 14476	BVDV, Vaccinia, HBV, HIV, HCV, Ebola, Herpes, Influenza H1N1, H5N1, Coronavirus	15 Min.
TUBERCULOCIDAL (Dirty conditions)	EN 14348	Mycobacterium Terrae (Surrogate M. tuberculosis)	60 Min.
MYCOBACTERICIDAL (Dirty conditions)	EN 14348	Mycobacterium Terrae Mycobacterium Avium	60 Min.

* Includes antibiotic-resistant bacteria (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. 20015)
- 5 litre canister (Ref. 20016)
- Dosing pump for 5 litre canister (Ref. 20023)

Compatibility

MEDAPRINT is compatible with impressions from alginate, silicone, polyether and hydrocolloids.

MEDAPRINT is not compatible with disinfecting preparations containing aldehydes.

Physical properties

- Appearance: Transparent solution
- Density: 0.99 g/cm³ at 20°C
- pH: 12-12.8 at 20°C
- pH (1%): 9.5-10.5 at 20°C
- Odour: Neutral
- Storage: 5°C - 35°C
- Stability: 3Years
- Biodegradability: According to OCDE 301D

Composition

Didecyl-dimethyl ammonium chloride, N- (3-aminopropyl)-N dodecylpropano-1,3-diamine, isopropanol, non-ionic surfactants <5%, anti-foaming agent, excipients.

MEDAPRINT is manufactured in the EU. MEDALKAN satisfies the requirements of ISO 9001 for quality management system and the requirements of ISO 13485 for the design and manufacture of medical devices.