



Cold sterilization solution MEDSTER 2000

- 1 Bag of 10g. Of sterilizer Medster 2000 - equivalent to:
- 10 lt disinfectant 0.1%
- 2 lt high-level disinfectant 0.5%
- 1 liter cold sterilizing 1%



Product codes:

Reference: ET M1010

Product gallery:



Material	Concentration	Time	Temperature
Aluminum	0.1%	10 min	20°C
Steel	0.1%	10 min	20°C
Plastic	0.1%	10 min	20°C
Glass	0.1%	10 min	20°C
Wood	0.1%	10 min	20°C
Paper	0.1%	10 min	20°C
Textiles	0.1%	10 min	20°C
Leather	0.1%	10 min	20°C
Rubber	0.1%	10 min	20°C
Latex	0.1%	10 min	20°C
Gold	0.1%	10 min	20°C
Silver	0.1%	10 min	20°C
Copper	0.1%	10 min	20°C
Brass	0.1%	10 min	20°C
Stainless steel	0.1%	10 min	20°C
Titanium	0.1%	10 min	20°C
Inconel	0.1%	10 min	20°C
Nickel	0.1%	10 min	20°C
Aluminum alloy	0.1%	10 min	20°C
Carbon steel	0.1%	10 min	20°C
Cast iron	0.1%	10 min	20°C
Galvanized steel	0.1%	10 min	20°C
Galvanized iron	0.1%	10 min	20°C
Aluminum alloy	0.1%	10 min	20°C
Carbon steel	0.1%	10 min	20°C
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Product description:

Medical device for cold sterilization / disinfection of high level of environments, surfaces and equipment (safe for instrumentation no corrosion damage).

The powder mix in contact with water generates a sterilizing solution at neutral pH. Tested according to European methods (EN, AFNOR, DVV) in dirt / clean conditions, MEDSTER 2000 has activities:

- bactericide
- fungicide
- mycobactericidal
- virucidal
- sporicidal



AFTER ONE MINUTES OF CONTACT.

In completing the cleaning and killing action, MEDSTER 2000 delivers a balanced presence of bacteriostatic principles, further protection and protection of the treated surfaces.

MEDSTER 2000 is non-toxic, not allergic, leaves no hazardous residue, does not alter the material, is completely biodegradable.

The Technical Opinion of the Higher Institute for Occupational Prevention and Safety has defined MEDSTER 2000 as "an appropriate security measure under Title X (protection from biological agents) - Title IX (Hazardous Substances) of Legislative Decree 81/2008 "

MICROBIOLOGICAL SAFETY

The MEDSTER 2000 microbicidal performance, tested according to European methods (EN, AFNOR, DVV) is as follows:

MEDSTER 2000 BATTERICIDE AND FUNGICIDE ACTIVITIES

SOL. 0,5% AFTER 1 MONTH - METHODS EN1276 E 1650

STAPH. AUREUS - strain ATCC 6538 - ps aeruginosa STRAIN atc 15442 - C. ALBICANS strain ATCC 10231

BSA 0,3g/litro Inoculo maggiore di 1x10⁸ Tempo di contatto 10 minuti

Conclusion: Medster 2000 at 0.5% solution and with a contact time of 10 minutes is considered BATTERICIDE and FUNGICIDA up to 30 days after preparation, as it results in a reset of Staph colonies Aureus ATCC 6538 E Ps. Aeruginosa ATCC 15442 - method EN 1276 and Candida albicans ATCC 10231 - method EN 1640

RECOMMENDATIONS FOR USE

The international guidelines for the prevention and control of communicable diseases with healthcare equipment include a DECONTAMINATION phase and a HIGH LEVEL STERILIZATION / DISINFECTION phase



DECONTAMINATION

0.1 lb (1 lb. bag of 10 l of water) with a minimum contact time of 10 minutes ensures a good decontamination effect throughout the microbial spectrum. MEDSTER 2000 fragment and detach dirt with proteolytic and cleaning action superior to enzymatic or phenol-based solutions.

HIGH LEVEL STERILIZATION / DISINFECTION

High-level chemical sterilization or disinfection is reserved for non-autoclavable instruments. The recommended solution is 1% (1 sachet of 10gr in 1 liter of water). Contact times are at least 15 minutes.

DILUTION TABLE - MEDSTER 2000 Liters of solution Amount of powder to be added in grams to preparar **Solution 0,1%** **Solution 0,5%** **Solution 1%** 1 liter - - 10 (1 bag of 10g.) 2 liters - 10 (1 bag of 10g.) 20 (2 bag of 10g.) 5 liters - - 50 (5 bag of 10g.) 10 liters 10 (1 bag of 10g.) - 100 (1 bag of 100g.)

USE

Instrumental decontamination. Treatment of environments, surfaces, air conditioning systems

Treatment of environments and surfaces. Primary decontamination and high instrument disinfection. Treatment of critical and semicritical devices and instruments. Cold chemical sterilization

1. Dissolve the amount of product in the desired water volume following the dilution table.
2. Let dissolve the powder by mixing until reaching a homogeneous solvation; The melting of dust in lukewarm water allows the solution to be activated within 15 minutes
3. Immerse / treat the devices / equipment / materials or circulate the solution within the circuits for at least 15 minutes; Rinse with sterile water

CONFEZIONAMENTO

- 1 bag of 10 grams (Cod. ET M1010-1)

- 10 bags of 10 grams (Cod. ET M1010)

- 5 bags of 100 grams (Cod. ET M5100)

The single-dose sachets of 10g or 100g vacuum practices ensure:

STABILITY AND EFFECTIVENESS OF ACTIVITIES IN THE TIME.

PRECISION AND EFFICIENCY IN THE PREPARATION OF SOLUTIONS. NO SPRECE OF PRODUCT - NO HAZARD OF SUBSTATION. LOGISTIC BENEFITS OF SHIPPING AND



STORAGE

Medster2000

Unlike other peracetyl systems, thanks to the slow-release technology of the active ingredient, it has more efficacy over time, has a toxicological profile and a certified tolerability, does not cause damage and / or corrosion to the instrumentation, ensures precision in dosages and is packaged vacuum. Unlike the chlorophylls it remains active in the presence of organic material, it works effectively on biofilm, does not release irritating, sensitizing and toxic substances for lungs, conjunctivitis, and skin. It does not corrode, does not dull, it does not alter the materials and equipment. Unlike quaternary phenols and ammonia: it does not allow bacterial resistance phenomena and acts on all types of viruses, bacteria, mycobacteria and spores through the physical destruction of each structure. It also works in the presence of organic material, it is environmentally friendly.

Product features: