



Ready-to-use disinfectant and cleaning foam for the simultaneous disinfection and cleaning of all medical devices surfaces.



FEATURES

Lysonox® S10 is a liquid product, ready to use, for the simultaneous cleaning and disinfection of all surfaces of medical devices and furnishings (e.g. scialytics, operating tables, electromedical devices, touch screens, monitors, PCs, etc.). The biocidal complex is alcohol-free, making Lysonox® S10 compatible with all materials found in the medical field. The absence of CMR substances (carcinogens, mutagens and teratogens), allows to have the maximum level of safety for the operator and the patient. The dispensing takes place directly by nebulizing the product under foam form, which avoids unnecessary dispersions in the air and allows for greater economy of use. Finally, the broad spectrum of action makes Lysonox® S10 the ideal product for all operational needs in the field of environmental disinfection.

SPECIAL PROPERTIES AND CLINICAL BENEFIT

- Ready-to-use product with a broad spectrum of action
- Without aldehydes and derivatives
- Without chlorinated agents or polyhexanide and chlorhexidine, without phenolic compounds
- Alcohol-free
- Without CMR substances
- No CLP pictogram
- No need to rinse
- Dries quickly
- Does not leave any kind of residue
- Foam dispenser for maximum safety and economy of use
- High compatibility with materials
- Product stability (unused): 36 months
- Fast: contact time starting from 5 min

FIELDS OF USE

Lysonox® S10 is suitable for the following fields of application:

Disinfection and simultaneous cleaning of all medical devices surfaces, such as:

- Scialytics
- Operating beds
- Trolleys
- Monitors and touch screens
- Medical equipments
- Work plans
- Incubators and thermal cradles in general
- Hemodialysis equipments
- Surfaces in general of hospital wards



CONTACT TIME AND USE

Intermediate level disinfection (bactericidal, fungicidal, yeasticidal, mycobactericidal and virucidal activity)	Ready To Use	5 - 30 min
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Lysonox® S10 is a ready-to-use product and therefore must not be diluted. Position the front ring of the trigger to "ON" and dispense the product directly onto the surface to be treated or indirectly through a non woven cloth and distribute the product. Do not rinse.

Since Lysonox® S10 does not have to be rinsed, the contact times indicated in the table above will potentially always be respected.

The foam dispenser greatly limits the formation of aerosols and the possible volatility of the components. The compact foam avoids any excess on the surface to be treated.

MECHANISM OF ACTION

The biocidal system of Lysonox® S10 allows for a broad spectrum of action. In particular:

Didecyl dimethyl ammonium chloride:

4th generation quaternary ammonium salt, with precipitating, complexing and denaturing effects of bacterial proteins, which causes damage to the cytoplasmic membrane of cells. The natural surfactant effect increases the effectiveness of removing organic residues.

N-(3-aminopropyl)-N-dodecylpropan-1,3-diamine

Diamine is a biocidal compound that acts through membrane denaturation, resulting in cell death. It has an excellent biocidal power on both Gram + and Gram - It finds its maximum synergy in formulations with Quac's. Simultaneously performs a cleansing activity, stabilizing and increasing the cleansing power of the product

The synergy between the active ingredients and the excipients present in the product allow Lysonox® S10 to be easily used in various situations, where high compatibility with materials and a broad spectrum of action are required.

ANTIMICROBIAL ACTIVITY

The biocidal activity tests of Lysonox® S10 were performed according to the current standards published by the European Committee for Standardization (CEN TC 216) by Test Centers Certified as operating according to GLP (Good Laboratory Practices) and ISO 17025 certified. Lysonox® S10 has a biocidal activity as follow:

Biocidal activity	EN Tests	Contact Time
Bactericide (S.Aureus, P.Aeruginosa, E.Hirae, E.Coli)	EN 13727*, EN 13697*, EN 16615* (with mechanical action) EN17387*	5 min
Fungicide and Yeasticide (Candida Albicans, Candida Auris, Aspergillus Brasiliensis)	EN 13624*, EN 13697*, EN 17387*, EN 16615* (with mechanical action)	15 min 5 min
Mycobactericide (M.Terrae, M.Avium)	EN 14348	15 min
Virucide (HIV, HBV, HCV, Vaccinia virus, Coronavirus included, as SARS CoV-2 virus, Adenovirus, Norovirus, Rotavirus)	EN 14476 EN 16777	15 min 30 min (Adenovirus Norovirus) 15 min (Vaccinia Virus)

*Tests in dirty conditions



MATERIALS COMPATIBILITY

In vitro tests carried out in the laboratory have allowed us to verify the compatibility of the product with various surfaces. The long-term effect was simulated by immersing the various materials in Lysonox® S10. In fact, it has been verified that static exposure is a predictive factor of long-term effects.

The samples of the various materials were immersed in the solution as they were for periods of different lengths. At established intervals (from 15 min up to 100 hours), the samples were dried and individually examined under a digital microscope, to ascertain the possible presence of corrosion and/or degradation. They were then re-immersed and exposure to the product continued. All the materials listed on the following page have been tested and found to be free from corrosion, degradation and morphological and visual alteration after immersion for prolonged periods of exposure.

Lysonox® S10, if used according to the indications for use, is compatible with:

- Stainless steel
- Aluminum
- Zinc
- Polypropylenes (PPE)
- PVC
- Polystyrene
- Teflon (PTFE)
- Polycarbonates

The use with materials such as copper and derivatives is not recommended. In any case, for confirmation, and in case of materials not present in this list, you can contact ADRANOX directly

CHEMICAL-PHYSICAL DATA

Appareance: clear liquid

Density: 0,990 – 1,010

pH : 7 - 8

COMPOSITION

100 g of ready-to-use solution contains:

Didecyldimethylammonium chloride, N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine, non-ionic surfactant, excipients and purified water qs to 100

STORAGE INFORMATION

Store tightly closed. Storage temperature: between 5°C and 35°C. Keep out of reach of children.

Stability: 36 months (product not used) if stored according to the indications provided. Once opened and dispensed for the first time, the product, in unopened packaging, is stable for 12 months as long as it is within the expiry date indicated on the label.

WARNINGS

Lysonox® S10 is a ready-to-use product for professional use only. When using, follow the warnings on the label and in the safety data sheet. Empty bottles and residual solutions must be disposed of according to current legislation.

Report any serious accident involving the user and/or patient that has occurred in connection with the use of the device to the manufacturer and the competent authority of the Member State in which the user and/or patient is established



CE MARKING:   0051

Lysonox® S10 is a class IIa medical device and meets the legal requirements for medical devices according to the Regulation 2017/745 (MDR).

PACKAGING AVAILABLE

- Pack. 750 ml X 12 Flac. Cod. ADMR201.075
- Pack. 1000 ml X 12 Flac. Cod. ADMR201.10
- Pack. 5000 ml X 4 Tanks Cod. ADMR201.50

ADDITIONAL INFORMATION

Lysonox® S10 is not a product considered dangerous from a chemical-physical point of view and for use.

ADRANOX is a certified company and operates according to the UNI EN ISO 13485:2016 standard

Contact ADRANOX directly for any information on the use of Lysonox® S10, according to your needs.

ADRANOX favors production and packaging systems that respect the environment and aim at limiting the use of plastic and derivatives.

Manufacturer

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The information contained is based on our knowledge as of the date indicated below. It refers to the product indicated and is not a specific guarantee of particular characteristics of the product.