

New generation mildly alkaline detergent, with bio-enzymatic complex, for manual and automated reprocessing, of thermostable and thermolabile medical devices

## APPLICATION

Lysonox® D1 is the first mildly alkaline detergent with bio-enzymatic complex, taking advantage of an extremely stable protease with lysozyme, a natural enzyme with hydrolytic, preservative, fungistatic and bacteriostatic properties. Totally foam-controlled, Lysonox® D1 is characterized by an optimized cleansing power and high compatibility with all kind of materials. Lysonox® D1 is suitable for the preliminary removal of blood, tissue residues and organic contaminants in general, from reusable medical and surgical devices. Ideal for use in cycles without neutralization.

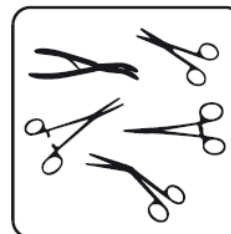
## DOSAGE \*

Use in washer disinfectors (WD)	<b>Dos: 1-10 ml/L</b> (0.1 - 1%)	<b>T° 55°C</b>
Use in edoscope washer disinfectors (EWD)	<b>Dos: 5-7 ml/L</b> (0.5 - 0.7%)	<b>T° 40-55°C</b>
Manual use for thermostable and thermolabile devices	<b>Dos: 5-10 ml/L</b> (0.5 - 1%)	<b>T° 30-40°C</b>
Use in ultrasound bath for thermostable and thermolabile devices	<b>Dos: 5-20 ml/L</b> (0.5 - 2%)	<b>T° 35-45°C</b>

\*The dosage will depend on the quality of the water used, the degree of soiling present and the medical device manufacturer's indications, as well as those of the washer-disinfector manufacturer.

## SPECIAL PROPERTIES

- Very high detergent power, thanks to the synergetic action of the mildly alkalinity, the surfactants and the new bio-enzymatic complex
- First product to use lysozyme in association with a protease
- Excellent compatibility with various types of materials
- NaOH-free and KOH-free
- Foam-controlled
- Can be used in short-cycle washing, without neutralization
- High versatility of use for automated and manual reprocessing
- Can be used in various concentrations to satisfy any type of operating need
- Contains no fragrance
- Free of dyes
- Ideal support for the removal of biofilm
- Free rinsing
- Recommended for use in association with Lysonox® LA and/or N



## FIELDS OF USE

Lysonox® D1 is recommended for the following fields of use:

- Automatic cleaning in washer disinfectors, endoscope washer disinfectors and probe washers in general. Recommended for surgical instruments, flexible endoscopes, microsurgery and anesthesia instruments, laboratory glassware, dental instruments, containers and medical devices in general.
- Manual cleaning in immersion bath.
- Cleaning in ultrasonic bath.

## MATERIAL COMPATIBILITY

Lysonox® D1, if used according to the instructions, is suitable for:

- Stainless steel
- Titanium
- Anodized aluminum
- Rubbers and plastics in general
- Silicone
- Teflon
- Glass and ceramic materials used in the laboratory

For materials not listed here, follow the instructions of the medical device manufacturer. For more information, contact ADRANOX directly.

## CHEMICAL-PHYSICAL DATA

Appearance: clear colorless liquid/pale yellow  
Density (20 °C): 1.086 g/ml  
pH: ca. 8.4 (dil. 0,5%)

## INGREDIENTS

Ingredients according to Regulation EC n°. 648/2004 on detergents:

- sequestering agent
- alkali dispenser
- anionic surfactant
- enzymatic complex (protease and lysozyme)

## STORAGE INFORMATION

Store in a cool place protected from freezing. Storage temperature range: 4°- 35°C.

Stability: 3 years if preserved according to instructions. For the expiration date, check the lot and date on the package label.

## PRECAUTIONARY STATEMENTS

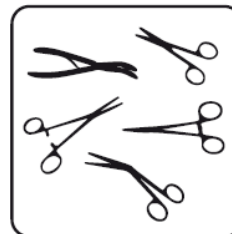
Lysonox® D1 is a concentrated product for professional use only.

In using, follow the instruction on the label and on the safety data sheet.

If a serious incident occurs with the product, report it to the manufacturer and the relevant national authority.

**CE MARKING:**  

Lysonox® D1 meets the legal requirements for medical devices in accordance with Regulation 2017/745 (MDR).



## PACKAGING AVAILABLE

- |                              |               |
|------------------------------|---------------|
| • Pkg. 2 canisters - 5 L     | Cod. AD001WD  |
| • Pkg. 2 canisters - 5L obl. | Cod. AD001WDL |
| • Pkg. 1 canister - 10 L     | Cod. AD002WD* |
| • Pkg. 1 canister - 25 L     | Cod. AD003WD* |
| • Pkg. 1 canister - 220L     | Cod. AD004WD* |

\*available on request

## ADDITIONAL INFORMATION

Before using the product, carefully read the instructions on the technical data sheet and safety data sheet.

ADRANOX is a certified company operating according to the UNI EN ISO 13485: 2016 standard.

Contact ADRANOX directly for any information on the use of Lysonox® D1, based on your specific needs.

ADRANOX favours environmentally friendly production and packaging systems aimed at limiting the use of plastic and derivatives.

### Manufacturer

#### ADRANOX srl

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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.