

NOSOZYM®

Tri-enzymatic detergent
for surgical instruments and endoscopes

NOSOZYM is a very efficient concentrated detergent with neutral pH. It contains a combination of three enzymes (protease, lipase, amylase) that degrade proteins, fats, and blood residues.

It drastically removes organic residues and prevents corrosion and instruments discoloration. It removes even the toughest deposits.

It is suitable for the cleaning in ultrasonic bath, in immersion bath or by conventional hand washing as well as in automated endoscope reprocessors for the cleaning of all kinds of flexible endoscopes.

Properties

- A combination of three enzymes for a triple cleaning action
- Effectively removes organic residues
- Very economical: < 0,5% dilution
- Suitable for the cleaning in ultrasonic bath, in immersion bath or by conventional hand washing as well as in automated endoscope reprocessor
- Does not foam, prevents corrosion and instruments discoloration
- Appropriate for heat-resistant as well as heat-sensitive instruments

Composition

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

Compatibility

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

Ultrasonic bath

NOSOZYM can be used in all ultrasonic baths. In ultrasonic bath, it can be used up to 0,5% dilution.



Packaging

- 5 litres canister (Ref. 20022)
- Dosing pump for 5 litres canister (Ref. 20023)

Physical properties

■ Appearance:	Transparent - yellow solution
■ Density:	1.02 g/cm ³ at 20°C
■ pH:	7.0-8.0 (neutral) at 20°C
■ pH (0,5% - 1%):	7.0-8.0 (neutral) at 20°C
■ Odour:	Neutral
■ Storage:	5°C - 35°C
■ Stability:	3 Years
■ Biodegradability:	According to OCDE 301D

Instructions for use

Dilute NOSOZYM in running water at a dilution up to 0,5%. Open all instruments with joints. Immerse them into the solution. Be sure they are fully covered and leave them soak for at least 5 minutes.

Rinse your instruments with running water. Dry thoroughly with a clean cloth. Your instruments are ready for sterilization.
Change the solution every 48 hours or when it becomes dirty.

Do not mix with other disinfectants. The packaging must be closed tightly after use. Store the product between + 5 ° C and + 35 ° C.

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Certifications

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

NOSOZYM is manufactured in Greece.

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.

Endoscope cleaning

Cleaning is the critical step in endoscopes reprocessing.

Endoscope cleaning consists of the mechanical cleaning of internal and external surfaces. This includes brushing and flushing of internal channels with sterile, filtered or drinking-quality water and detergent. The purpose of cleaning is to remove all inorganic and organic material from the internal and external surfaces of flexible endoscopes.

If the manual cleaning, brushing and rinsing steps are not properly carried out, protein debris can harden and lead to formation of biofilm on the biopsy channel of the endoscope. Inadequate cleaning can thus result in material remaining on the endoscope surfaces which prevents disinfection and sterilization fluids or gases reaching all parts of potentially contaminated surfaces.

The endoscope should be cleaned with an enzymatic detergent immediately after use and before manual or automated disinfection.

NOSOZYM contains a combination of three enzymes. The enzymes break down the soil into tiny fragments, making it water soluble and thus easier to remove by rinsing.

Use NOSOZYM for endoscope cleaning:

- by manual cleaning at a dilution up to 0,5%
- in automated reprocessor at a dilution up to 0,5% (Please follow the manufacturer's instructions)

