



# Enzyguard™

MULTI ENZYMATIC CLEANER



## Composition

Protease, Amylase, Cellulase, Lipase, Non Ionic Surfactants, Chelating agent, Corrosion inhibitors, PH regulator and stabilizer.

Protease - 0-.5%

Amylase - 0-.5%

Cellulase - 0-.5%

Lipase - 0-.5%

## Enzyguard

Enzyguard is a multi enzyme based pre-soak and cleaner designed to effectively remove organic soil from contaminated medical devices prior to disinfection. It contains four enzymes to clean and remove major extracellular components of blood like Proteins, Carbohydrate, Lipids and Cellulose. Sterilisation of instruments and medical devices greatly depend upon cleaning and removal of biofilms from the devices. Effective cleaning can reduce level of contaminated microorganisms by 2-3 log<sub>10</sub>.

## Mode of Action

Biofilms constitute a protected mode of growth that allows micro-organisms to survive in hostile environments, being their physiology and behaviour significantly different from their planktonic counterparts. Biofilms may be a source of recalcitrant contaminations, causing outbreaks of pathogens. Biofilms are difficult to eradicate due to their resistant phenotype. However, conventional cleaning and disinfection regimens may also contribute to inefficient biofilm control and to the dissemination of resistance. Consequently, new control strategies are constantly emerging with main incidence in the use of enzymes.



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transforming hygiene...

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## Features

- ◆ Low Foaming solution.
- ◆ 100% bio-degradable and Nontoxic.
- ◆ Removes biofilms and cleans bio burden thoroughly.
- ◆ Non corrosive and non-carcinogenic.
- ◆ Suitable for cleaning in both automated & manual systems

## Dilution for Uses

- ◆ 4 ml per litre for automated systems like ultrasonic cleaner, washers.
- ◆ 8 ml per litre for normal soiled load.

## Directions For Use

Freshly prepared solution of ENZYGUARD is recommended with Luke warm water for better results. Submerge the instrument completely in this solution for around 3-15 minute depending upon the organic soil load.

## Hospital Areas of Application

- ◆ CSSD, OT
- ◆ Surgical Units, Dental Units
- ◆ Endoscopy / GI Department
- ◆ ENT Department
- ◆ Anaesthesia Department

## Precautions

- ◆ For External Use only.
- ◆ Avoid direct contact with eyes & skin.
- ◆ Rinse with fresh water in case of contact.
- ◆ Seek medical help in case of emergency.
- ◆ Use protective equipments (mask, goggle & gloves )
- ◆ Keep out of reach of children

## Material Compatibility

ENZYGUARD is compatible with most of the metals, Plastics elastomers and adhesives.

Colour	-	Purple.
Odour	-	Lavender
Contact time	-	3-15 minutes
PH	-	8-9 at 20°C
Shelf life	-	2 years.
Storage	-	Room Temperature

