

Technical  
Datasheet  
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Ver. 1.0

*Enzymatic  
detergent-  
disinfectant  
concentrate*



# Bensan Decazyme Extra Enzymatic Detergent – Disinfectant Concentrate

## Application Areas

Bensan Decazyme Extra is a 10-enzyme-detergent-disinfectant concentrate used for the manual and automatic cleaning & low-level disinfection of medical instruments in CSSD and Endoscopy. The 10 enzymes and the high concentration of enzymes ensure a broad cleaning or disinfection.

The short washing cycles ensure maximum throughput and reduced operational cost. The formulation is based on 3 proteases, lipase, amylase, cellulase, mannanase, catalase, pectinase and glycoamylase as well as various tensioactive agents and maintain a high level of enzymatic activity up to 24 hours after initial dilution. In addition, the added antimicrobial agents including Hydrogen Peroxide and citric acid provide excellent disinfectant properties while maintaining a high level of enzymatic efficacy and acting as preservatives.

The pH-balanced solution is suitable for use in automatic washer disinfectors, in Automatic Endoscope Reprocessors (AER), tunnel washers, cart washers, ultrasonic baths or manually in an immersion tub. The neutral pH, low foaming properties ensure maximum compatibility with the instruments and equipment.

## Composition

- Enzymes < 12%
- Isopropyl Alcohol <4%
- Hydrogen Peroxide < 3000PPM
- Surfactants
- Emollients
- Fragrance
- Dye

## Shelf Life

24 Months from the date of manufacture

## Dilution

Form	Concentration
Strong Concentrate	Dilution from 0.05% to 0.5%

## Chemical-physical data

Color	Clear Blue
Odor	Slight Fragrance odor
Flammability	Non-Flammable
Form	Liquid
pH	6.5 – 7.5 (7-7.5 when diluted)
Storage	Store at 5°C to 25°C



### Toxicological Information

Carcinogenicity	None of the components of this product are listed as a carcinogen or suspected carcinogen by OSHA, IARC, and NTP
Chronic Effects	None known
Reproductive Effects	None known
Mutagenic effects	Not expected to cause mutagenic activity
Eye	Can cause mild eye irritation
Skin	None known
Inhalation	Prolonged high concentrations may cause upper respiratory tract irritation

### Efficacy Claims

Strains	Exposure Time	EN Norm
Virucidal <ul style="list-style-type: none"> <li>Vaccinia Virus</li> <li>Corona Virus SARS Corona</li> <li>H1N1 Influenza Virus</li> </ul>	10 Minutes 10 Minutes 10 Minutes	EN14476
Bactericidal <ul style="list-style-type: none"> <li>Staphylococcus Aureus</li> <li>Pseudomonas Aeruginosa</li> <li>Enterococcus Hirae</li> </ul>	10 Minutes 10 Minutes 10 Minutes	EN13727
Fungicidal <ul style="list-style-type: none"> <li>Candida Albicans</li> <li>Candida Auris</li> </ul>	15 Minutes 15 Minutes	EN13624

### Best Practices

Use detergents safely. Always read the label and product information before use. Wearing protective personal equipment (e.g. made of nitrile rubber) is required. Do not mix with other cleaning agents.

### Instructions for Use

Adjust the concentrate, contact time and water temperature according to the level of contamination, the cleaning methods, water conditions and temperature of use following the instructions of the hardware manufacturer in case of automatic use (0.05% to 0.5%). For manual use, in case of heavy contamination or in hard water conditions, increase concentration up to 0.7%. Brush off debris and rinse carefully. Maximum temperature: 40°C. Low foaming.

Test using ATP or other approved methods to check for efficacy of the cleaning process. Be sure to use enzymatic test strips to ensure enzymatic activity of the solution.

### Order Information

Name	Unit of Measurement (UOM)	Reorder Number
Bensan Decazyme Extra	2 X 4 Liters/case	IRD1001

**Safecare Medical Industries** manufactures economically attractive high-quality disinfectants and instrument reprocessing products following environmentally friendly manufacturing processes in our state-of-the art facility.

### Safecare Medical Industries

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