

# Instructions for use

## deconex® I-ZYME

### Enzymatic detergent for use in ultrasonic baths

Specially designed for reprocessing cannulated instruments in ultrasonic baths with irrigation\*



#### Scope of application

deconex® I-ZYME is an enzymatic detergent which can be used for pre- /cleaning of surgical instruments, MIS instruments and dental instruments in ultrasonic baths either with or without irrigation.

#### Properties

Thanks to its enzymatic formulation, specially designed for ultrasonic application, deconex® I-ZYME enables safe and effective cleaning. deconex® I-ZYME features necessary characteristics needed for use in ultrasonic baths with irrigation: non-foaming and non-clouding. deconex® I-ZYME can also be used for manual pre-soaking. deconex® I-ZYME's composition means it rapidly breaks down and removes a wide variety of different organic contaminants, such as proteins incl. water-insoluble fibrin, fats and carbohydrates, essentially a vast range of deposits normally found on surgical instruments.

Key features of deconex® I-ZYME:

- non-foaming
- non-clouding
- low dosage
- broad material compatibility
- biodegradable

#### Application and dosage

The use solution should be changed after each process.

After the cleaning phase, ensure the instruments are thoroughly rinsed inside and out. If no additional cleaning and/or disinfection step immediately follows, instruments must be dried after rinsing (lumens with compressed air).

The optimum dosage is dependent on the quantity of soil and the water quality available, DI/RO water leads to a better cleaning performance due to the contained enzymes.

The following parameters have proven performance in practical application:

Dosage	DI / RO water	soft to medium-hard water	hard water	Temperature
deconex® I-ZYME	2 - 4 mL/L	4 - 6 mL/L	6 - 8 mL/L	up to 45 °C

\* e.g. Sonic Irrigation™ (Medisafe International)

## Safety information

Please refer to deconex® I-ZYME safety data sheet for information about industrial safety and proper disposal.

## Storage and transport

Store the product at temperatures between 5 and 25 °C. The product may darken during storage. This will not affect the performance when stored as recommended.

This medical device is frost-sensitive. Avoid whenever possible transportation of this product during the cold periods. If transport during such periods is inevitable, this product must be shipped using temperature controlled lorry / sea container above 5° Celsius, or use protection hoods for short-time transports not longer than 10 hours with transport temperatures not falling below minus 5°C.

**Distributor / importer:**

**Manufacturer:**

**Borer Chemie AG**

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advanced cleaning solutions

# Product data sheet

## deconex® I-ZYME

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instruments in ultrasonic baths with irrigation\*



#### Ingredients

Surfactants  
Enzyme (protease)  
Solubiliser  
Sequestering agent  
Preservatives

#### Material compatibility

deconex® I-ZYME offers broad material compatibility.

Suitable for:

Stainless steel, aluminum, anodised aluminum, titanium, and  
all commonly used plastics, elastomers, and silicon. No known  
material incompatibility.

Please carry out appropriate compatibility tests for materials  
not listed or contact Borer Chemie AG.

#### CE marking

deconex® I-ZYME satisfies the requirements for medical  
devices in accordance with the regulation (EU) 2017/745.

\* e.g. Sonic Irrigation™ (Medisafe International)

# deconex® I-ZYME

## Physicochemical data

pH value	1% solution in de-ionised (DI) water	approx. 9.7
Density	Concentrate	1.08 g/mL
Appearance	Concentrate	blue

## Packaging

The container, seals and labels are made of recyclable polyethylene.

## Container sizes

Container type	Content	Item number
Canister	5 L	526900.00-K05W
Canister	10 L	526900.00-K10W
220 L barrel	200 L	526900.00-B220

## Additional information

Before using the product please read the instructions for use and the relevant safety data sheet.

Benefit from our know-how! Please contact us for further information regarding your specific application.

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