

Instructions for use

deconex® PROZYME ALKA-x

Mild alkaline, enzymatic instrument cleaning agent

For the instrument reprocessing in
Washer/Disinfectors (WD)



Scope of application

deconex® PROZYME ALKA-x is a material-friendly cleaning agent made from a sophisticated combination of enzymes and surfactants for the automated reprocessing of thermostable and thermolabile instruments and utensils, such as surgical and microsurgical devices, MIS instruments, rigid and flexible endoscopes, anaesthetic and respiratory equipment, ward utensils, dental equipment, aluminium containers and other medical equipment.

Properties

Thanks to its unique composition and formulation, deconex® PROZYME ALKA-x efficiently removes a wide range of organic impurities such as blood, tissue residues, mucus and biofilm from medical instruments which are made of a wide variety of materials. In addition to its great cleaning power and wide range of uses, deconex® PROZYME ALKA-x is characterised by various other properties:

- very good material compatibility;
- helps with biofilm removal;
- low-foaming;
- can be used in hard water;
- requires no neutralisation;
- EDTA-free;
- NTA-free;
- free of fragrances;
- free of dyes;
- biodegradable.

Use and dosage

The maximum dosage essentially depends on the water hardness and the type of contamination. Although deconex® PROZYME ALKA-x can be used in hard water, the use of fully deionised water (DI water) or reverse osmosis water (RO water) is generally recommended to achieve optimal cleaning results. Under these circumstances, a dosage of 1-5 mL/L is sufficient. When using untreated water, a dosage of up to 10 mL/L is recommended. deconex® PROZYME ALKA-x should ideally be dosed at a temperature of 35-40°C. Cleaning typically takes 5-10 minutes at a temperature of 50-60°C. Subsequent neutralisation is not required.

deconex® PROZYME ALKA-x

Dosage recommendation

Dosage	DI / RO water ¹⁾	soft to medium-hard water ¹⁾	hard water ²⁾	Temperature
deconex® PROZYME ALKA-x	1-5 mL/L	5-7.5 mL/L	7.5-10 mL/L	50-60 °C

¹⁾ with normal contamination

²⁾ with persistent or severe contamination

Processing recommendation

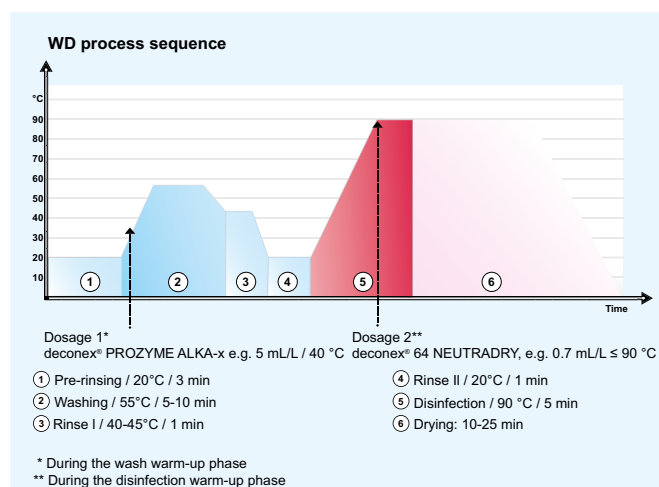
A typical WD process for reprocessing thermostable instruments is specified below:

Typical WD process (for thermostable instruments)

1. Pre-rinsing: with cold tap water, 3 min
2. Cleaning: with DI/RO water
deconex® PROZYME ALKA-x dosing temperature: 35-40°C
Wash at 55°C for 5-10 min
3. Intermediate rinse I: with warm (40-45°C) tap water, 1 min
4. Intermediate rinse II*: with cold tap water, 1 min
5. Thermal disinfection: with DI/RO water,
e.g. 5 min at 90°C; dosage if necessary e.g. of
deconex® 64 NEUTRADRY as a drying agent at ~90°C
6. Drying: 10-25 min

* Intermediate rinse II is mandatory for all Ophthalmological instruments. For all other instruments it is recommended.

WD process graphic



Safety information

For information on occupational safety and proper disposal, please refer to the deconex® PROZYME ALKA-x safety data sheet.

Storage and transport

Store the product at temperatures between 5 and 25 °C.

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

Gewerbstrasse 13, 4528 Zuchwil / Switzerland

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advanced cleaning solutions

Product data sheet

deconex® PROZYME ALKA-x

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Contents

Surface-active substances
Enzymes (proteases)
Complexing agents
Solubilising agents
Sequestering agents
Preservatives

Material compatibility

deconex® PROZYME ALKA-x is defined by excellent material compatibility.

Suitable for:

Stainless steel, aluminium, anodised aluminium, titanium, copper, brass, zinc, tin, chrome-plated materials, plastics, elastomers (including polyurethane), silicone, teflon, rubber, latex, glass and ceramic tools. There are no known material incompatibilities.

Suitable compatibility tests must be carried out on materials not mentioned above. Contact Borer Chemie AG if necessary.

Concentrate:

For compatibility with transport and peristaltic tubing, please ask for the separate information sheet.

CE marking

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

deconex® PROZYME ALKA-x

Chemical-physical data

pH value	1 % solution in deionised (DI) water	approx. 10.0
Density	Concentrate	1.09 g/mL
Appearance	Concentrate	clear, yellow

Packaging

Containers, caps and labels are made from recyclable polyethylene.

Container dimensions

Container type	Contents	Item number
Canister low	5 L	525000.00-KK5W
Canister	10 L	525000.00-K10W
Canister	25 L	525000.00-K25W
220 L barrel	210 L	525000.00-B220
Drumtainer	210 L	525000.00-D220
IBC 640 L	580 L	525000.00-IBC2

Additional information

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

Benefit from our expertise! Ask us for practical information on your specific application.

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