

# Instructions for use

## deconex® 54 SPORCIDE

### Manual instrument disinfectant based on glutaraldehyde

For the terminal sporicidal disinfection of all medical instruments including flexible endoscopes



#### Scope of application

deconex® 54 SPORCIDE can be used for the manual terminal disinfection of all types of non-sterilizable medical instruments, such as surgical instruments, anesthetic utensils and rigid and flexible endoscopes.

The instruments must be thoroughly cleaned with deconex® 54 SPORCIDE prior to disinfection.

#### Application

##### Recommended dose:

deconex® 54 SPORCIDE is ready to use and does not require dilution.

##### Recommended use:

The endoscopes and instruments must always be thoroughly cleaned e.g. with deconex® POWER ZYME, deconex® 36 INTENSIV-x or deconex® 36 BS ALKA and extensively rinsed with water prior to disinfection with deconex® 54 SPORCIDE.

deconex® 54 SPORCIDE should always be used in a well-ventilated room or under an extractor. The disinfection tank should always be covered with a lid.

Ensure that instruments with recesses and channels are covered without any bubbles.

Following disinfection with 54 SPORCIDE the instruments must be rinsed thoroughly with clean, if possible sterile, water.

#### Properties

- contains stabilized glutaraldehyde
- pH-neutral
- ready-to-use, no activation required
- extensive range of effectiveness including against spores
- compatible with an extremely wide range of materials
- tested service life of uncontaminated disinfectant solution 35 days

#### Service life

Uncontaminated deconex® 54 SPORCIDE solution has a minimum service life of at least 35 days, provided the disinfection bath is always covered. The actual service life depends on the extent of water carried over and any residual contaminants on the instruments. The instruments to be disinfected must, therefore, be clean and dry before being placed in the disinfecting bath. As soon as the solution shows signs of contamination (turbidity, precipitations, discoloration etc.) it must be replaced with fresh solution.

# deconex® 54 SPORCIDE

## deconex® TEST 54 SPOR

A safe high-level disinfection with sporicidal effect is only guaranteed if there is a minimum glutaraldehyde concentration of 2 % in the use solution.

deconex® TEST 54 SPOR test strips are available to verify the glutaraldehyde concentration.

## Efficacy

Spectrum of activity	Method	Concentration (%)	Contact time
Bactericidal activity (S. aureus)	NF T 72 301 EN 1040	undiluted	10 min.
Levurocidal activity (C. albicans)	NF T 72 301 EN 1275	undiluted	10 min.
Tuberculocidal activity (M. tuberculosis)	NF T 72 301	undiluted	10 min.
Sporicidal activity (B. subtilis)	NF T 72 231	undiluted	60 min.
Efficacy against viruses:			
Poliovirus	NF T 72 180	undiluted	10 min.

## Safety information

Please refer to the deconex® 54 SPORCIDE safety data sheet for information about industrial safety and proper disposal.

## Storage

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

## Manufacturer:

### Borer Chemie AG

Gewerbestrasse 13, 4528 Zuchwil / Switzerland  
Tel +41 32 686 56 00 Fax +41 32 686 56 90  
office@borer.ch, www.borer.ch

All information provided is based on our comprehensive knowledge and does not constitute a legally binding assurance of specific product properties.

# Product data sheet

## deconex® 54 SPORCIDE

### Manual instrument disinfectant based on glutaraldehyde

For the terminal sporicidal disinfection of all medical instruments including flexible endoscopes



#### Ingredients

**100 g deconex® 54 SPORCIDE contain:**  
2.5 g glutaraldehyde

#### Excipients:

surfactant compounds, solubilizers, corrosion inhibitors

#### Material compatibility

Suitable for:  
stainless steel, aluminum, anodized aluminum, copper, brass, glass, common plastics including polycarbonate and PMMA, rubber, latex

The user should conduct appropriate compatibility tests for materials not mentioned here or contact Borer Chemie AG.

#### Physicochemical data

pH	ready-to-use solution	approx. 5.9
Density	ready-to-use solution	1.0 g/ml
Appearance	ready-to-use solution	clear, colorless

#### Expert reports

deconex® 54 SPORCIDE has been extensively investigated in accordance with DGHM methods and EN/ISO standards with regard to its efficacy and service life. Expert reports are available upon request.

#### CE marking

deconex® 54 SPORCIDE satisfies the requirements for medical devices in accordance with the directive 93/42/EEC.

#### Additional information

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

Benefit from our know-how! Ask us for practical information regarding your specific application.

# deconex® 54 SPORCIDE

## Packaging

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

Disinfection baths are also available, please contact us for advice.

## Container sizes

Type of container	Container content
0.5 l bottle	0.5 kg
1 l bottle	1 kg
5 l canister	5 kg
10 l canister	10 kg

### Manufacturer:

#### Borer Chemie AG

Gewerbestrasse 13, 4528 Zuchwil / Switzerland

Tel +41 32 686 56 00 Fax +41 32 686 56 90

office@borer.ch, www.borer.ch

All information provided is based on our comprehensive knowledge and does not constitute a legally binding assurance of specific product properties.