

# Instructions for use

## deconex® 53 PLUS

### Aldehyde-free instrument disinfectant

For the pre-cleaning and disinfection of medical instruments, including rigid and flexible endoscopes



### Scope of application

deconex® 53 PLUS is used for the particularly mild pre-treatment of instruments and serves as a measure of staff protection.

It is suitable for instruments and care utensils in all hospital departments, including rigid and flexible endoscopes and anaesthetic material.

It can be used as well to disinfect dental instruments including drills and other rotary instruments.

### Application

#### Recommended dose:

1 - 2 % according to desired efficacy (see table)  
up to 4 % for special requirements (e.g. Adenovirus)

#### Recommended use:

Prepare the disinfectant solution by diluting with water to the desired use concentration.

Before immersing instruments in the disinfection bath, open or disassemble them into their component parts as far as possible. The entire surface must be covered. Avoid air bubbles in cavities.

After the contact time has elapsed, rinse the instruments well using demineralised water for the final stage of rinsing.

Visibly contaminated solutions must be replaced immediately.

If switching product to deconex® 53 PLUS, intermediate cleaning of the instruments with deconex® 36 INTENSIV-x or a similar product is recommended.

Please refer to the information leaflet for professional decontamination with deconex® 53 PLUS.

### Properties

- aldehyde free
- no active ingredients that contain chloride salts
- broad activity spectrum including tuberculocidal effect
- active against enveloped viruses and also against Adenovirus and Polyoma SV40
- particularly gentle on materials
- combined cleaning and disinfection effect
- suitable for use in ultrasonic bath
- use solution with a service life of up to 14 days as determined by suspension test with low organic contamination certified by the VAH (German Association for Applied Hygiene)

# deconex® 53 PLUS

## Efficacy

Spectrum of activity	Method	Concentration (%)	Contact time
Bactericidal and levurocidal activity	Standard methods of the DGHM to test instrument disinfection (2001) with high organic contamination	2	15 min
		1.5	30 min
		1	60 min
Tuberculocidal activity (Mycobacterium terrae)	Standard methods of the DGHM to test instrument disinfection (2001) with high organic contamination	2	15 min
		1.5	30 min
		1	60 min
Efficacy against viruses:			
Active against enveloped viruses incl. HBV, HCV, HIV Influenza	DVV/RKI guidelines with contamination, BVDV and Vaccinia	2	15 min
		1	30 min
		1	60 min
Adenovirus	DVV/RKI guidelines with contamination	4	30 min
		2	60 min
Polyomavirus	DVV/RKI guidelines with contamination	2	30 min
		1	60 min

## Safety information

Please refer to deconex® 53 PLUS safety data sheet for information about industrial safety and proper disposal.

## Storage

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

Light may cause a light green-yellowish colour change but this will not affect the activity of the product.

### Manufacturer:

#### Borer Chemie AG

Gewerbestrasse 13, 4528 Zuchwil / Switzerland

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



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advanced cleaning solutions

# Product data sheet

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### Ingredients

#### 100 g deconex® 53 PLUS contains:

3.8 g alkyl propylene diamine guanidinium diacetate

5.6 g N,N-Didecyl-N-methyl-poly(oxyethyl)ammonium propionate

#### Excipients:

Corrosion inhibitors, surfactant compounds, solubiliser, perfume, dye

### Material compatibility

Suitable for:

Aluminium, anodized aluminium, stainless steel, copper, brass, chrome-plated brass, for plastics such as polyamide, polyethylenes, polypropylenes, PET, POM, PVC. For ABS, acrylic glass and polysulfone, depending on type and product concentration.

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

### Expert reports

deconex® 53 PLUS has been extensively investigated in accordance with DGHM methods with regard to its efficacy and service life. Expert reports are available upon request.

### CE marking

deconex® 53 PLUS satisfies the requirements for medical devices in accordance with the directive 93/42/EEC.

### Physicochemical data

pH	1 % solution in deionised water	approx. 9
Density	concentrate	1.00 g/mL
Appearance	concentrate	clear, green

# deconex® 53 PLUS

## Packaging

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

Measuring aids and disinfection baths are available as accessories. Please contact us for advice.

## Container sizes

Container type	Content	Item number
Bottle	1 L	505000.00-F10W
Canister	5 L	505000.00-K05W
Canister	10 L	505000.00-K10W
IBC 1000 L	920 L	505000.00-IBC1

## 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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