

# Instructions for use

## deconex® SURFACE AF

### Aldehyde-free surface disinfectant

For disinfecting all types of surfaces



#### Scope of application

deconex® SURFACE AF is used to disinfect and clean surfaces in medical environments, including surfaces and floors in operating and treatment rooms, washrooms and toilets, as well as to disinfect the surfaces of furniture, devices and other medical equipment such as operating tables, examination couches, bed frames and lights etc.

#### Application

##### Recommended dose:

0.25 % for routine applications  
(60 min value in accordance with RKI guidelines)

0.25 - 5 % depending on required efficacy  
(see table)

##### Recommended use:

Cleaning e.g. with deconex® 36 INTENSIV-x is recommended before using deconex® SURFACE AF for the first time. If a product containing aldehyde has been used previously, intermediate cleaning is essential.

Bring product to room temperature.

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

Intermediate cleaning e.g. with deconex® 36 INTENSIV-x is recommended at regular intervals. These intervals depend on how often deconex® SURFACE AF is used.

#### Properties

- aldehyde-free
- rapid effect
- broad activity spectrum including tuberculocidal activity
- combined disinfection and cleaning
- simple formula, leaves no sticky residues
- certified by VAH  
(German Association for Applied Hygiene)

#### Service life

The service life of uncontaminated deconex® SURFACE AF solution if stored in a clean, closed container is up to 14 days.

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## Efficacy

Spectrum of activity	Method	Concentration (%)	Contact time
Bactericidal and levurocidal activity	Standard DGHM methods for testing chemical disinfection processes (2001): Surface disinfection - with mechanical action and high organic contamination	2	5 min
		0.5	15 min
		0.5	30 min
		0.25	60 min
Bactericidal and levurocidal activity according to SFHH requirements	EN 1276 / high organic contamination	0.25	15 min
Fungicidal activity (Aspergillus niger)	Quantitative suspension test in compliance with DIN EN 1650	1	60 min
Tuberculocidal activity (Mycobacterium terrae)	Standard DGHM methods for testing chemical disinfection processes (2001): Surface disinfection - with mechanical action and high organic contamination	5	5 min
		3	15 min
		2	30 min
		1	60 min
Efficacy against viruses:			
Active against enveloped viruses incl. HBV, HCV, HIV, influenza	EN 14476 / high contamination: BVDV, Vaccinia	0.25	5 min
DHBV	EN 14476 / high contamination	0.5	5 min
		0.25	60 min
Rotavirus	EN 14476 / high contamination	1	5 min
FCV (Norovirus substitute)	EN 14476 / high contamination	0.5	15 min
		0.25	60 min

## Safety information

Biocidal Product Regulation, EC/528/2012 Article 72:

Use disinfectants safely. Always read the label and product information before use (including safety data sheet).

There you will find information about safety at work, storage and 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.



advanced cleaning solutions

# Product data sheet

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#### Ingredients

**100 g deconex® SURFACE AF contain:**

2.8 g didecyldimethylammonium chloride  
9.9 g N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

**Excipients:**

Surfactant compounds, solvent, perfume, dye

#### Material compatibility

Suitable for routine disinfection of:  
Stainless steel, copper, brass, aluminum, plastics including polycarbonates, depending on material type

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

Elastomers, in particular silicone can age more quickly if amine-based disinfectant is used.

#### Physicochemical data

pH Value	1 % solution in tap water	approx. 10.0
Density	concentrate	1.03 g/mL
Appearance	concentrate	green, clear to slightly cloudy

#### Expert reports

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

# deconex® SURFACE AF

## Packaging

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

Dosing aids are available, please contact us for advice.

## Container sizes

Container type	Content	Item number
Bottle	1 L	518600.00-F10W
Canister	5 L	518600.00-K05W
Canister	10 L	518600.00-K10W
IBC 1000 L	920 L	518600.00-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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