

# Instructions for use

## deconex® 50 AF

### Aldehyde-free surface disinfectant

For disinfecting floors, walls and medical devices



#### Scope of application

deconex® 50 AF is used to clean and disinfect surfaces of all kinds, including floors and walls in operating rooms, treatment rooms, bathrooms, washrooms and toilets as well as furniture, equipment and other objects in a medical setting. These include medical devices such as OR tables, examination tables, bedsteads, etc.

#### Application

##### Recommended dose:

0.5 % for routine applications  
(60 min. value according to RKI guidelines)

0.25 - 4 % depending on required efficacy  
(see table on reverse)

##### Recommended use:

Before deconex® 50 AF is used for the first time, intermediate cleaning should be carried out with deconex® 36 INTENSIV-x. Intermediate cleaning is essential if an aldehyde product was previously used.

The efficacy of deconex® 50 AF is reduced by soaps, anionic surfactants and active chlorine. Therefore no products containing soap and/or anionic surfactants should be used for intermediate cleaning.

#### Properties

- aldehyde-free surface disinfectant
- excellent disinfection properties permit rapid disinfection at low dosages
- tested in accordance with DGHM guidelines
- non-greasy formulation does not leave surfaces sticky as is often the case with QAV-based products
- pleasant perfume

# deconex® 50 AF

## Efficacy

Spectrum of activity	Method	Concentration (%)	Contact time
Bactericidal and levurocidal activity	DGHM guidelines on the testing and evaluation of chemical disinfection processes – surface disinfection (1991)	2	5 min
		1.5	15 min
		1	30 min
		0.5	60 min
		0.25	4 h
Tuberculocidal activity (Mycobacterium terrae)	Quantitative suspension test according to Hygiene&Medicine 1996	4	15 min
		2	30 min
		2	60 min
Efficacy against viruses:			
HBV/HIV	HBsAg inactivation test / high protein contamination	0.5	30 min
		0.5	15 min
	HBsAg inactivation test / low protein contamination	0.25	60 min
BVDV	DVV/RKI guidelines / high protein contamination	0.5	15 min
	DVV/RKI guidelines / without contamination	0.25	15 min
Rotavirus*	DVV/RKI guidelines	0.5	15 min
		0.25	30 min
FCV (Norovirus Surrogate)	DVV/RKI guidelines / high protein contamination	1 %	60 min
		1 %	60 min
	DVV/RKI guidelines / without contamination	0.5 %	2 h

\* experimental contamination not possible

## Safety information

Please refer to deconex® 50 AF 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.



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# Product data sheet

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#### Ingredients

##### 100 g deconex® 50 AF contains:

- 6.0 g didecyldimethylammonium chloride
- 5.5 g N,N-Bis(3-aminopropyl)-dodecylamine
- 4.2 g coco propylenediamine-1.5-bis-guanidinium acetate

##### Excipients:

Surfactant compounds, complexing agents, perfume, dye

#### Material compatibility

Suitable for:

Stainless steel, non-ferrous metals, aluminium, linoleum and PVC flooring, acryl-dispersion-based seals, plastics including polystyrene except polycarbonate and with limitations for certain types of acrylic glass

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

#### Expert reports

deconex® 50 AF has been investigated in accordance with DGHM methods with regard to its efficacy. Expert reports are available upon request.

#### Physicochemical data

pH	1 % solution in deionised water	approx. 9.8
Density	concentrate	0.99 g/ml
Appearance	concentrate	clear, greenish

# deconex® 50 AF

## Packaging

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

Dosing aids such as pumps, measuring cups, etc. are available. Please contact us for advice

## Container sizes

Type of container	Container content
0.5 l bottle	0.5 kg
1 l bottle	0.99 kg
5 l canister	4.95 kg
10 l canister	9.9 kg

## 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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