

# Instructions for use

## deconex® 50 FF

**Disinfectant for surfaces and  
instruments**

**Formaldehyde-free**



### Scope of application

deconex® 50 FF is used for wipe disinfection and to clean surfaces of all kinds, including floors, walls, furniture and equipment in operating rooms, treatment rooms, bathrooms, washrooms and toilets, and in patient transport vehicles.

deconex® 50 FF can also be used for immersion disinfection of medical devices and instruments, such as ward and dental instruments.

### Application

#### Recommended dose:

Instrument disinfection: 0.5 - 1.5 %  
depending on required efficacy (see table)

Surface disinfection: 0.25 – 1.5 %  
depending on required efficacy (see table)

#### Recommended use:

Instrument disinfection:

Prepare the disinfection solution by diluting with water to the desired use concentration – deconex® 50 FF can be used with any water hardness. Before immersing instruments in the disinfection bath, 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 use solutions must be replaced immediately. If switching product to deconex® 50 FF, intermediate cleaning of the instruments with deconex® 36 INTENSIV-x or a similar product is recommended.

Surface disinfection:

Before first use of deconex® 50 FF, cleaning of surfaces with deconex® 36 INTENSIV-x or a similar product is recommended. If a product containing amine has been used previously, intermediate cleaning is essential. Intermediate cleaning, e.g. with deconex® 36 INTENSIV-x, is recommended at regular intervals. Frequency of intermediate cleaning depends on the frequency of use of deconex® 50 FF. As a rule, no products containing soap and/or anionic surfactants should be used for intermediate cleaning, as these can influence the efficacy of deconex® 50 FF.

### Properties

- widely applicable for the disinfection of surfaces and instruments
- combined cleaning and disinfectant properties for use on surfaces and instruments
- low dosage
- pleasant odour
- good efficacy, even under blood and protein contamination
- use solution with a service life of up to 7 days as determined by suspension test under low contamination

## Efficacy

Spectrum of activity	Method	Concentration (%)	Contact time
Bactericidal and levurocidal activity (Instrument disinfection)	DGHM guidelines on the testing of chemical disinfection processes (1981 and 1984) – disinfection of contaminated instruments	1	30 min
		0.5	60 min
Bactericidal and levurocidal activity (Surface disinfection)	DGHM guidelines on the testing of chemical disinfection processes (1981, 1984, 1991) – surface disinfection	0.5	30 min
		0.25	60 min
Tuberculocidal effect (Mycobacterium phlei)	DGHM guidelines (1981 and 1984)	1.5	60 min
Efficacy against viruses:			
Active against enveloped viruses incl. HBV, HCV, HIV, influenza	DVV guidelines, with contamination BVDV and Vaccinia	1	5 min
		0.25	30 min
MNV (Norovirus)	EN 14476, without contamination	1	30 min
Rotavirus*	DVV guidelines without contamination	0.25	30 min

\* experimental contamination not possible

## 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.

# Product data sheet

## deconex® 50 FF

**Disinfectant for surfaces and instruments**

**Formaldehyde-free**



### Ingredients

**100 g deconex® 50 FF contain:**

12 g ethanedial  
0.5 g pentanedial  
7.5 g didecyldimethylammonium chloride

**Excipients:**

Surfactant compounds, perfume, dye, corrosion inhibitor

### Material compatibility

Suitable for:

Stainless steel, chrome-plated brass, all common plastics including ABS, polyamide, PE, acrylic glass, polycarbonate, PET, POM, PSU and PVC, seals (acrylic dispersions), linoleum and PVC floorings

In addition, deconex 50 FF has been approved and listed accordingly by Karl Storz and Pentax for the processing of their endoscopes

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

### Expert reports

deconex® 50 FF has been investigated in accordance with DGHM methods with regard to its efficacy and service life. Expert reports are available on request.

### CE marking

deconex® 50 FF satisfies the requirements for medical devices in accordance with the directive 93/42/EEC.

### Physicochemical data

pH	1 % solution in tap water	approx. 7.0
Density	concentrate	1.06 g/mL
Appearance	concentrate	clear, green

# deconex® 50 FF

## Packaging

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

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

## Container sizes

Container type	Content	Item number
Bottle	1 L	504400.00-F10W
Canister	5 L	504400.00-K05W
Canister	10 L	504400.00-K10W
Canister	25 L	504400.00-K25W
IBC 1000 L	920 L	504400.00-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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