

Product information

FD 300 Surface disinfection



FD 300 at a glance

- Concentrate for cleaning and disinfection of surfaces on non-invasive medical devices and other surfaces in hospitals, private practices, and laboratories.
- Extensive range of effectiveness: Bactericidal, yeasticidal, tuberculocidal, virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV and coronaviruses), limited spectrum of virucidal activity (incl. rotaviruses, adenoviruses, noroviruses), virucidal (enveloped and non-enveloped viruses).
- Tested in accordance with current VAH methods, DVV/RKI guidelines, and European standards.
- VAH list. IHO Disinfectant List.
- Above-average material compatibility.
- Low application concentration.
- Aldehyde-free – its mechanism of action is based on alkylamines and quaternary ammonium cations.
- Especially recommended for use in combination with FD multi wipes/FD multi wipes compact.

Properties

FD 300 from Dürr System Hygiene is a highly effective, aldehyde-free concentrate for the cleaning and disinfection of surfaces on non-invasive medical devices and medical furnishings in private practices, laboratories and hospitals. FD 300 features excellent material compatibility. FD 300 is especially recommended for use with FD multi wipes/FD multi wipes compact.

Product composition

The FD 300 mechanism of action is based on a synergistic combination of alkylamines and quaternary ammonium cations. 100 g FD 300 contains 12 g 3-aminopropyl-dodecyl-1, 3-propandiamine (with by-products), 7 g didecyl-methyl-poly(oxy-ethyl)-ammonium propionate and 5 – 15 % non-ionic surfactants, < 5 % complexing agents, < 5 % alkaline cleaning components, excipients and water.

Antimicrobial effect

FD 300 is bactericidal, yeasticidal, tuberculocidal, with virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV and coronaviruses), limited spectrum of virucidal activity (incl. rotaviruses, adenoviruses, noroviruses), virucidal (enveloped and non-enveloped viruses). FD 300 is included in the VAH and IHO lists of disinfectants. Tested under high load in accordance with EN 13727, EN 13624, EN 14348, EN 14476, EN 16615, as well as DVV/RKI guidelines.

Directions for use

FD 300 is used as a 1% to 4% solution. For a 2% solution, measure out 20 ml FD 300 using the measuring beaker in the cap (the mark is equivalent to 20 ml) and top up to 1 litre with water. Apply FD 300 ready-to-use solution to a cloth and wet the surfaces thoroughly. Wipe the surfaces and objects to be disinfected and allow the product to take effect. Disinfect visibly contaminated surfaces with the ready-to-use solution and remove contamination. Disinfect cleaned surfaces again. Make sure that wetting is complete throughout the entire action time. According to the VAH (bactericidal, yeasticidal), the concentration time relation is 1% - 15 min. or 2% - 5 min. Inactivation of viruses takes place at 1% - 1 min. to 4% - 5 min. and for Tb-bacteria at 1% - 60 min. Use FD multi wipes/FD multi wipes compact saturated with FD 300 (1% - 4%) in the same way. Make sure to wet surfaces completely.

Environmental impact

The packaging is made of polyethylene and polypropylene and can thus be recycled or incinerated. For recycling, flush bottles with water.

For further information see safety data sheet.

Shelf life

Concentrated liquid: Do not use the product after the expiry date printed on the packaging.

Working solution: Unused solution 28 days, dispose of used solution following use.

Product information

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Container size

2.5-L bottle

Storage

Store in a well-ventilated place. Keep container tightly closed.

Accessories

FD multi wipes/FD multi wipes compact

General notes

Cleaning and disinfection must be performed daily in all areas where infections may originate or where protection against contamination is required. Do not mix FD 300 with other products. Do not use FD 300 on surfaces that have already been treated with products containing aldehydes such as glutaraldehyde or glyoxal. Contact with FD 300 may result in discolouration. In order to prevent surface changes when using FD 300, surfaces should be wiped regularly at least once each week and/or rinsed with clear water, as necessary. FD 300 is not suitable for aluminium surfaces. In isolated cases, the release of ingredients from glove materials (e.g. latex) may cause discolouration of plastic surfaces. Always follow the manufacturer's instructions in the case of surfaces made from unknown materials and/or test for compatibility in an inconspicuous place. Changes in product colour/odour may occur, especially when

stored in sunlight. However, these changes in colour and/or odour have no impact on the disinfection efficacy of the product. Recycle cleaned packaging. Use exclusively by qualified personnel. All serious events that occur in association with the product must be immediately reported to the manufacturer and the competent authority of your member state.

Hazard warnings

FD 300 is classified and labelled according to the CLP Regulation. For further information see safety data sheet.

Concentrate: pH value: > 13.0

Working solution (1 %): pH value: 11.5 - 12.5

Independent reports – own tests

The reports are available on request.



Application		Concentration-Time relation
Recommendation for use for surface disinfection in accordance with VAH	Bactericidal / yeasticidal	1% - 15 min 2% - 5 min

Type of activity	Tested according to	Concentration-Time relation
Bacteria and yeasts		
Bactericidal / yeasticidal	EN 13727, EN 13624, EN 16615	1% - 15 min 2% - 5 min
	Tuberculocidal	EN 14348
Viruses		
Virucidal activity against enveloped viruses (enveloped viruses including HBV, HCV, HIV as well as coronaviruses)	EN 14476	2% - 5 min ¹⁾ 4% - 5 min
	DVV / RKI guideline	1% - 1 min
Limited spectrum of virucidal activity (including rotaviruses, adenoviruses, noroviruses)	EN 14476	2% - 5 min ¹⁾ 4% - 5 min
	DVV / RKI guideline	4% - 5 min
Virucidal (enveloped and non-enveloped viruses)	EN 14476	2% - 5 min ¹⁾ 4% - 5 min
	DVV / RKI guideline	4% - 5 min

1) Testing under low burden.

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