

Product information

FD 312 Surface disinfection



FD 312 at a glance

- Concentrate for the cleaning and disinfection of surfaces on non-invasive medical devices in accordance with the EU Medical Devices Regulation (EU MDR) and medical furnishings as well as on floors in private practices, laboratories and hospitals in accordance with the EU Biocidal Products Regulation (EU BPR).
- Broad range of effectiveness: Bactericidal, yeasticidal, with virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV, coronaviruses) and limited spectrum of virucidal activity (incl. rotaviruses, adenoviruses, noroviruses).
- Tested in accordance with current VAH methods, DVV/RKI guidelines, and European standards.
- Tested in 4-field test in accordance with VAH and EN 16615.
- VAH list. IHO Disinfectant List.
- Good material compatibility and pleasant fragrance.
- Economical due to its low application concentration.
- Aldehyde-free – its mechanism of action is based on quaternary ammonium cations.
- Especially recommended for use in combination with FD multi wipes/FD multi wipes compact.

Properties

FD 312 from Dürr System Hygiene is a highly effective, aldehyde-free concentrate for the cleaning and disinfection of surfaces on non-invasive medical devices in accordance with the EU Medical Devices Regulation (EU MDR) and medical furnishings as well as on floors in private practices, laboratories and hospitals in accordance with the EU Biocidal Products Regulation (EU BPR). FD 312 is gentle on materials. FD 312 is especially recommended for use with FD multi wipes/FD multi wipes compact.

Product composition

The FD 312 mechanism of action is based on quaternary ammonium cations. 100 g FD 312 contains 6.5 g alkyl benzyl dimethyl ammonium chloride, 5–15 g non-ionic surfactants, < 5 g alkaline cleaning components, < 5 g complexing agents, hexyl cinnamal, linalool, butylphenyl methylpropional, fragrances and excipients in aqueous solution.

Antimicrobial effect

Bactericidal, yeasticidal, with virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV, coronaviruses) and limited spectrum of virucidal activity (incl. rotaviruses, adenoviruses, noroviruses). FD 312 is included in the VAH and IHO lists of disinfectants. Tested under high load in accordance with EN 13727, EN 13624, EN 14476, EN 16615, as well as the DVV/RKI guidelines.

Directions for use

PT 2. FD 312 is used as a 1% to 4% solution. For a 1% solution, measure out 100 mL FD 312 using the measuring beaker in the cap (graduation corresponds to 20 mL) and top up to 10 litre with water. Apply FD 312 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. In accordance with the VAH, the concentration time relation is 1% - 15 min. or 2% - 5 min. (bactericidal / yeasticidal). Viruses are inactivated at 1% - 60 minutes to 4% - 30 minutes. Use FD multi wipes/FD multi wipes compact saturated with FD 312 (1%-4%) in the same way.

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.

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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.

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

Wipe disinfection and cleaning must be performed daily in all areas where infections may originate or where protection against contamination is required. In the case of non-water-resistant materials, FD 312 must be tested for suitability on a case-by-case basis. FD 312 has been tested for material compatibility with common floor coverings (e.g. PVC; linoleum with PUR® reinforcement). FD 312 is suitable for floor cleaning and disinfection if the reinforcement surface is intact. Do not mix FD 312 with other products. 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 312 is classified and labelled according to the CLP Regulation. For further information see safety data sheet.

Concentrate: pH value: 12.5 - 13.5

Working solution (1 %): pH value: 9.0 - 10.0

Independent expert opinions – in-house investigations

The expert opinions are available upon request.

Use disinfectants carefully. Always read the label and summary of product characteristics before use.
(Biocide reg. no.: FD 312: N-21211)



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
Viruses		
Virucidal activity against enveloped viruses (enveloped viruses including HBV, HCV, HIV as well as coronaviruses)	DVV / RKI guideline	1% - 60 min 2% - 15 min
Limited spectrum of virucidal activity (including rotaviruses, adenoviruses, noroviruses)	EN 14476	4% - 30 min

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