

Product information

FD 322 quick-acting disinfection



FD 322 at a glance

- Aldehyde-free, ready-to-use solution for quick-acting disinfection of alcohol-resistant surfaces on invasive and non-invasive medical devices and medical furnishings in private practices, laboratories and hospitals
- Exposure time according to VAH only 1 minute
- Broad spectrum of activity: bactericidal, tuberculocidal, fungicidal, limited spectrum of virucidal activity (enveloped viruses incl. HBV, HCV, HIV, coronaviruses as well as non-enveloped adenoviruses, polyomaviruses SV 40, noroviruses)
- Tested in accordance with current VAH methods and European standards. Virucidal activity against enveloped viruses in accordance with DVV/RKI guidelines
- Tested in 4-field test in accordance with VAH and EN 16615
- VAH list. IHO list of disinfectants
- Good material compatibility and pleasant fragrance
- Dries quickly without residue
- Especially recommended for use in combination with FD multi wipes/FD multi wipes compact
- Also available without fragrance as FD 322 (2.5 L, 10 L)

Properties

FD 322 from Dürr System Hygiene is an aldehyde-free, ready-to-use solution for quick-acting disinfection of alcohol-resistant surfaces on invasive and non-invasive medical devices and medical furnishings in private practices, laboratories and hospitals. FD 322 is distinguished by fast efficiency and good material compatibility. Disinfected surfaces dry rapidly. FD 322 is especially recommended for use in combination with FD multi wipes/FD multi wipes compact.

Product composition

FD 322 contains a quick-acting, active substance combination of alcohols. 100 g FD 322 contains 32 g 1-propanol, 26 g ethanol, excipients and water.

Microbiological efficacy

FD 322 is bactericidal¹⁾, tuberculocidal¹⁾, fungicidal¹⁾, limited spectrum of virucidal activity (enveloped viruses incl. HBV, HCV and HIV^{2), 3)} as well as non-enveloped adenoviruses¹⁾, polyomaviruses SV 40²⁾, noroviruses⁴⁾). FD 322 is included in the VAH list and IHO list of disinfectants. Virucidal activity against enveloped viruses in accordance with DVV/RKI guidelines. Tested in accordance with DVV/RKI guidelines, EN 13727, EN 13624, EN 14348, EN 14476, EN 16615.

Directions for use

FD 322 is applied undiluted. Apply FD 322 to a cloth and fully wet the surfaces. Wipe the surfaces and objects to be disinfected and allow the exposure time to elapse. Disinfect visibly contaminated surfaces with FD 322 and remove contamination. Disinfect cleaned surfaces again. Make sure that wetting is complete throughout the entire exposure time. In accordance with VAH, the exposure time is 1 minute, for moulds 15 minutes and for viruses 30 seconds to 5 minutes. Alternatively, soak FD multi wipes/FD multi wipes compact in FD 322 and use the same procedure.

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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Physical data

Appearance: clear, colourless solution

Density: $D = 0.89 \pm 0.02 \text{ g/cm}^3$ (20°C)

Flash point: 25°C

Shelf life

After opening the container, 3 years, when using with

FD multi wipes/FD multi wipes compact, 3 months.

Container sizes

10-L canister

2.5-L bottle

1-L bottle

750-mL bottle for Hygowipe Plus

Storage

Store product at between 5°C and room temperature.

Accessories

Spray bottle (600 mL), spray nozzle for 1-L bottle, canister spigot,

FD multi wipes/FD multi wipes compact.

General instructions

Disinfect the exterior surfaces of medical devices, such as intraoral cameras, nozzles, handpieces and contra-angle handpieces, prior to processing as required in accordance with the manufacturers' instructions. Use caution with alcohol-sensitive materials (e.g. acrylic glass or similar). In the case of sensitive surfaces, test for compatibility in an inconspicuous place. For information on fire and explosion protection see DGUV 107-002 (BGR 206). Do not mix FD 322 with other products. 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. Use exclusively by qualified personnel. All serious incidents that occur in association with the product must be immediately reported to the manufacturer and the competent authority of your member state.

Sales

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Application	Time
Surface disinfection (VAH methods) ¹⁾	1 min
Bacteria ¹⁾ and yeasts ¹⁾	1 min
Tb bacteria ¹⁾	1 min
Moulds ¹⁾	15 min
Enveloped viruses incl. HBV, HCV, HIV, coronaviruses ^{2), 3)}	30 sec
Adenoviruses ¹⁾	30 sec
Polyomaviruses SV 40 ²⁾	5 min
Noroviruses ⁴⁾	30 sec

1) Testing at low and high load (VAH, EN 13727, EN 13624, EN 14348, EN 16615, EN 14476).

2) Testing with and without load in accordance with DVV/RKI guidelines.

3) In accordance with RKI statement (Federal Health Bulletin 60, 353 - 363, 2017).

4) Testing at high load (EN 14476).

Hazard warnings

FD 322 is classified and labelled in accordance with the CLP Regulation: see product label and safety data sheet.

Independent expert opinions – in-house investigations

The expert opinions are available upon request.

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