

Product information

FD 333 forte quick-acting disinfection



FD 333 forte at a glance

- Alcohol-containing stock solution for rapid disinfection of medical device and medical furnishing surfaces in practices, laboratories and hospitals.
- Exposure time according to VAH incl. Tb bacteria only 1 minute.
- VAH-list.
- Comprehensive spectrum of efficacy: bactericidal, tuberculocidal, fungicidal, virucidal (enveloped viruses, incl. HBV, HCV, HIV as well as non-enveloped viruses, such as adenoviruses, polyomaviruses SV 40, noroviruses, polioviruses,).
- Virucidal activity in accordance with EN 14476.
- Tested according to current VAH methods and European standards.
- Tested in 4-field test according to VAH and EN 16615.
- Tested according to EN 13727, EN 13624, EN 14348, EN 14476, EN 16615.
- Excellent compatibility with materials.
- Especially pleasant fragrance – with fresh lemon.
- Especially recommended for use in combination with FD multi wipes/FD multi wipes compact.

Properties

FD 333 forte from Dürr System Hygiene is an aldehyde-free, ready-to-use solution with alcohol for fast-acting disinfection of alcohol-resistant surfaces on invasive and non-invasive medical devices in hospitals, private practices, and laboratories. FD 333 forte is distinguished by fast efficiency, excellent material compatibility and numerous applications. Disinfected surfaces dry rapidly. The use of FD 333 forte is recommended especially for use in combination with FD multi wipes/FD multi wipes compact.

Product composition

FD 333 forte is based on a combination of alcohols and quaternary ammonium compounds. 100 g FD 333 forte contain 55.5 g ethanol, 10 g 1-propanol, 0.05 g didecyl-dimethyl-ammonium chloride, auxiliary substances and water.

Microbiological efficacy

FD 333 forte is bactericidal¹⁾, tuberculocidal¹⁾, fungicidal¹⁾, virucidal (enveloped viruses, incl. HBV, HCV, HIV²⁾, ³⁾ as well as non-enveloped viruses, such as adenoviruses¹⁾, ²⁾, polyomaviruses SV40²⁾, noroviruses¹⁾, ²⁾, polioviruses¹⁾, ²⁾). VAH-list. Tested in accordance with EN 13727, EN 13624, EN 14348, EN 14476, EN 16615.

Directions for use

FD 333 forte is applied undiluted. Apply FD 333 forte to a cloth and fully wet the surfaces. Wipe down surfaces and objects to be disinfected and allow the exposure time to elapse. Disinfect visibly contaminated surfaces with FD 333 forte and remove contamination. Disinfect cleaned surfaces again. Allow exposure time to elapse. According to VAH the exposure time is 1 minute, for fungi 2 minutes and to inactivate viruses 30 to 60 seconds. Use FD multi wipes/FD multi wipes compact soaked with FD 333 forte in an analogue manner.

Environmental impact

FD 333 forte is biologically easily degradable in accordance with the OECD Guideline 301 D. The packaging consists of polyethylene, polypropylene and can therefore be recycled by material and ther-

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mally. For recycling, flush bottles with water.

Physical data

Appearance: clear colourless solution

Density: $D = 0.87 \pm 0.02 \text{ g/cm}^3$ (20 °C)

Flash point 16,5 °C

Shelf life

3 years

After opening the container 3 years, when using with FD multi wipes/FD multi wipes compact 3 months.

Container size

10 l canister

2.5 l bottle

1 l bottle

Storage

Store preparation between 5°C and max. room temperature.

Accessories

Spray bottle (600 ml), spray head for 1 l bottle, canister cock, FD multi wipes/FD multi wipes compact

General instructions

Disinfect the exterior surfaces of medical devices, such as polymerisation lamps, 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. Do not allow FD 333 forte to dry on aluminium surfaces. For information on fire and explosion protection, see DGUV 107-002 (BGR 206). Do not mix FD 333 forte 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.

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⁾	2 min
Enveloped viruses incl. HBV, HCV, HIV ^{2), 3)}	30 sec
Non-enveloped viruses ^{1), 2)}	1 min
Adenoviruses ^{1), 2)}	30 sec
Polyomaviruses SV 40 ²⁾	1 min
Noroviruses ^{1), 2)}	30 sec
Polioviruses ^{1), 2)}	1 min

1) Testing at low and high burden (VAH, EN 13727, EN 13624, EN 14384, EN 14476, EN 16615).

2) Testing with and without burden according to DVV/RKI Guideline.

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

Hazard warnings

FD 333 forte is classified and labelled according to 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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