

Product information

FD 333 quick-acting disinfection



FD 333 at a glance

- Aldehyde-free, ready-to-use solution for fast-acting disinfection of medical device surfaces in hospitals, private practices, and laboratories.
- Exposure time in accordance with VAH incl. Tb bacteria is 1 minute.
- Limited virucidal activity against enveloped and many non-enveloped viruses like adenoviruses and noroviruses.
- Tested in accordance with current VAH methods and European standards.
- Tested in 4-field test in accordance with VAH and EN 16615.
- VAH list.
- Excellent compatibility with materials.
- Dries quickly without residues.
- Particularly pleasant fragrance – with lemon freshness.
- Especially recommended for use in combination with FD multi wipes/FD multi wipes compact.

Properties

FD 333 from Dürr System Hygiene is an aldehyde-free, ready-to-use solution for fast-acting disinfection of alcohol-resistant surfaces on medical devices in hospitals, private practices, and laboratories. FD 333 features fast-acting efficacy and above-average material compatibility for a variety of potential uses. FD 333 is suitable for the disinfection of treatment units, instrument tables, instrument trays, protective covers for intraoral films, surgery light handles, and suction hoses. FD 333 is also suitable for control panels on treatment units or XR film processing machines. FD 333 dries quickly. FD 333 is especially recommended for use with FD multi wipes/FD multi wipes compact.

Product composition

FD 333 is based on a combination of alcohols and quaternary ammonium cations. 100 g FD 333 contain 62 g ethanol, 0.05 g didecyl-dimethyl-ammonium chloride, excipients, and water.

Microbiological efficacy

FD 333 is bactericidal¹⁾, tuberculocidal¹⁾, fungicidal¹⁾, with limited virucidal activity (enveloped viruses, including HBV, HCV, and HIV^{2), 3)} as well as non-enveloped viruses, such as adenoviruses¹⁾, noroviruses^{1), 4)}). VAH list. Tested in accordance with EN 13727, EN 13624, EN 14348, EN 14476, EN 16615.

Directions for use

FD 333 is applied undiluted. Apply FD 333 to a cloth and fully wet the surfaces or spray directly on small surfaces that are difficult to access. Wet surfaces and objects to be disinfected completely and allow to dry. Disinfect visibly contaminated surfaces with FD 333 and remove any deposits or residues with a wipe. Disinfect cleaned surfaces again. Allow exposure time to elapse. Alternatively, soak FD multi wipes/FD multi wipes compact in FD 333 and use the same procedure.

Environmental impact

FD 333 is readily biodegradable in accordance with OECD Guideline 301 D. The packaging is made of polyethylene and polypropylene and can thus be recycled or incinerated. For recycling, flush bottles

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with water. The safety data sheet includes disposal instructions.

Physical data

Appearance: clear, colourless solution

Density: $D = 0.88 \pm 0.02 \text{ g/cm}^3$ (20°C)

Flash point: 22°C (DIN 51755)

Shelf life

3 years

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 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. For information on fire and explosion protection, see DGUV 107-002 (BGR 206). Do not mix FD 333 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⁾	5 min
Enveloped viruses incl. HBV, HCV, HIV ^{2), 3)}	1 min
Adenoviruses ¹⁾	1 min
Noroviruses ^{1), 4)}	1 min

1) Testing at low burden (VAH, EN 13727, EN 13624, EN 14348, EN 16615, EN 14476).

2) Testing with adenoviruses and MNV (EN 14476) including enveloped viruses incl. HBV, HCV, HIV.

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

4) Testing at high burden (EN 14476).

Hazard warnings

FD 333 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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