

# Product information

## FD 333 quick-acting disinfection



### FD 333 at a glance

- Aldehyde-free, ready-to-use solution for fast-acting surface disinfection of invasive and non-invasive medical devices and medical furnishings in private practices, laboratories and hospitals.
- Exposure time according to VAH incl. TB bacteria only 1 minute.
- Limited virucidal (enveloped viruses, including HBV, HCV, and HIV as well as non-enveloped adenoviruses and noroviruses).
- Tested in accordance with current VAH methods and European standards.
- VAH-list.
- Tested in accordance with EN 13727, EN 13624, EN 14348, EN 14476, EN 16615 as well as in the 4-field test according to VAH and EN 16615.
- Above-average material compatibility.
- Dries quickly without residues.
- Pleasant fragrance – with fresh lemon.
- 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 invasive and non-invasive 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. Disinfected surfaces dry rapidly. 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 compounds. 100 g FD 333 contain 62 g ethanol, 0.05 g didecyl-dimethyl-ammonium chloride, excipients, and water.

### Microbiological efficacy

FD 333 is bactericidal<sup>1)</sup>, tuberculocidal<sup>1)</sup>, fungicidal<sup>1)</sup>, with limited virucidal activity (enveloped viruses, including HBV, HCV, and HIV<sup>2), 3)</sup> as well as non-enveloped adenoviruses<sup>1)</sup>, noroviruses<sup>1), 4)</sup>. 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. Wipe down surfaces and objects to be disinfected and allow the exposure time to elapse. Disinfect visibly contaminated surfaces with FD 333 and remove contamination. Disinfect cleaned surfaces again. Allow exposure time to elapse. The exposure time is 1 minute, for fungi 5 minutes. 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 with water. The safety data sheet includes disposal instructions.

### Physical data

Appearance: clear, colourless solution

# Product information

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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 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 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.

### Hazard warnings

FD 333 is classified and labelled in accordance with the CLP Regulation: see product label and safety data sheet.

Application	Time
Surface disinfection (VAH methods) <sup>1)</sup>	1 min
Bacteria <sup>1)</sup> and yeasts <sup>1)</sup>	1 min
Tb bacteria <sup>1)</sup>	1 min
Moulds <sup>1)</sup>	5 min
Enveloped viruses incl. HBV, HCV, HIV <sup>2), 3)</sup>	1 min
Adenoviruses <sup>1)</sup>	1 min
Noroviruses <sup>1), 4)</sup>	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).

### Independent expert opinions – in-house investigations

The expert opinions are available upon request.

**CE 0124**

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