

# Product information

## FD 333 forte quick-acting disinfection



### FD 333 forte at a glance

- Aldehyde-free, alcohol-based ready-to-use solution for quick-acting disinfection of surfaces on 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
- VAH list, IHO list of disinfectants
- Comprehensive spectrum of activity: bactericidal, tuberculocidal, mycobactericidal, fungicidal, virucidal (enveloped viruses incl. HBV, HCV, HIV, coronaviruses as well as non-enveloped viruses, such as adenoviruses, polyomaviruses SV 40, noroviruses, polioviruses)
- Virucidal activity in accordance with DVV/RKI guidelines and EN 14476
- Tested in accordance with current VAH methods and European standards
- 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/EN 16615
- Good material compatibility
- Fresh lemon fragrance
- 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, alcohol-based 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 333 forte is distinguished by fast efficiency and good material compatibility. Disinfected surfaces dry rapidly. FD 333 forte is especially recommended 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 contains 55.5 g ethanol, 10 g 1-propanol, 0.05 g didecyldimethylammonium chloride, excipients and water.

### Microbiological efficacy

FD 333 forte is bactericidal<sup>1)</sup>, tuberculocidal<sup>1)</sup>, mycobactericidal<sup>1)</sup>, fungicidal<sup>1)</sup>, virucidal (enveloped viruses incl. HBV, HCV and HIV<sup>2)</sup>, <sup>3)</sup> as well as non-enveloped viruses, such as adenoviruses<sup>1)</sup>, <sup>2)</sup> polyomaviruses SV 40<sup>2)</sup>, noroviruses<sup>1)</sup>, <sup>2)</sup>, polioviruses<sup>1)</sup>, <sup>2)</sup>). FD 333 forte is included in the VAH list and IHO list of disinfectants. Tested in accordance with DVV/RKI guidelines, 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 the 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. Make sure that wetting is complete throughout the entire exposure time. In accordance with VAH, the exposure time is 1 minute, for moulds 2 minutes and for viruses 30–60 seconds. Alternatively, soak FD multi wipes/FD multi wipes compact in FD 333 forte and use the same procedure.

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### 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.

### 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 sizes

10-L canister  
2.5-L bottle  
1-L bottle

### 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. 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 col-

Application	Time
Surface disinfection (VAH methods) <sup>1)</sup>	1 min
Bacteria <sup>1)</sup> and yeasts <sup>1)</sup>	1 min
Mycobacteria <sup>1)</sup>	1 min
Tb bacteria <sup>1)</sup>	1 min
Moulds <sup>1)</sup>	2 min
Enveloped viruses incl. HBV, HCV, HIV, coronaviruses <sup>2), 3)</sup>	30 sec
Non-enveloped viruses <sup>1), 2)</sup>	1 min
Adenoviruses <sup>1), 2)</sup>	30 sec
Polyomaviruses SV 40 <sup>2)</sup>	1 min
Noroviruses <sup>1), 2)</sup>	30 sec
Polioviruses <sup>1), 2)</sup>	1 min

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

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).

our 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.

### Hazard warnings

FD 333 forte 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.

**CE 0124**

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