

# Product information

## FD 322 quick-acting disinfection



### FD 322 at a glance

- Aldehyde-free, ready-to-use solution for fast-acting surface disinfection of invasive and non-invasive medical devices in hospitals, private practices, and laboratories.
- Exposure time in accordance with VAH only 1 minute.
- Broad spectrum of activity: bactericidal, tuberculocidal, fungicidal, with limited virucidal activity (enveloped viruses, including HBV, HCV, and HIV as well as non-enveloped viruses, such as adenoviruses, SV40 polyomaviruses, 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 material compatibility and pleasant odour.
- Dries quickly without residues.
- Especially recommended for use in combination with FD multi wipes/FD multi wipes compact.
- Also available without fragrance as FD 322 perfume free (2.5 L, 10 L).

### Properties

FD 322 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 322 features fast-acting efficacy and above-average material compatibility for a variety of potential uses. FD 322 is suitable for the disinfection of treatment units, instrument tables, instrument trays, protective covers for intraoral films, surgery light handles, and suction hoses. FD 322 is also suitable for control panels on treatment units or XR film processing machines. FD 322 dries quickly and leaves no residues. FD 322 is especially recommended for use with FD multi wipes/FD multi wipes compact.

### Product composition

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

### Microbiological efficacy

FD 322 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 viruses, such as adenoviruses<sup>1)</sup>, SV 40 polyomaviruses<sup>2)</sup>, noroviruses<sup>1)</sup>. VAH list. Tested in accordance with EN 13727, EN 13624, EN 14348, EN 16615, EN 14476.

### Directions for use

FD 322 is applied undiluted. The practical, refillable dispensing bottles by Dürr System Hygiene enable direct application to a wipe and facilitate targeted spraying of small surfaces or surfaces that are difficult to access. Wet surfaces and objects to be disinfected completely and allow to dry. Disinfect visibly contaminated surfaces with FD 322 and remove any deposits or residues with a wipe. Disinfect cleaned surfaces again. Allow exposure time to elapse. Soak FD multi wipes/FD multi wipes compact in FD 322 and apply using the same procedure.

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### Environmental impact

FD 322 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

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 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

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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>	15 min
Vaccinia viruses incl. HBV, HCV, HIV <sup>2), 3)</sup>	30 sec
Adenoviruses <sup>1)</sup>	30 sec
SV40 polyomaviruses <sup>2)</sup>	5 min
Noroviruses <sup>1)</sup>	1 min

1) Testing at low and high burden (VAH, EN 13727, EN 13624, EN 13697, EN 14348, EN 16615, EN 14476).

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

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

and/or odour have no impact on the disinfection efficacy of the product.

### 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.

**CE 0124**