

Product information

FD 322 quick-acting disinfection



FD 322 features in brief

- Aldehyde-free ready-to-use solution for quick-acting disinfection of surfaces of medical devices in practices, laboratories and clinics.
- Exposure time in accordance with VAH: 1 min. only.
- Broad effective spectrum: bactericidal, tuberculocidal, fungicidal, virucidal with limited effectiveness (enveloped viruses, e.g. vaccinia viruses inclusive of HBV, HCV, HIV and non-enveloped viruses, e.g. adeno viruses, polyoma SV 40 viruses, noro viruses).
- Tested in accordance with the current VAH methods and European standards.
- Tested in the 4-field test in accordance with VAH and EN 16615.
- VAH List.
- Excellent material compatibility.
- Dries quickly and without residue.
- Particularly suitable for use with FD multi wipes/FD multi wipes compact.
- FD 322 perfume free in 2.5-litre bottles and 10-litre canisters.

Characteristics

FD 322 from Dürr System-Hygiene is an aldehyde-free ready-to-use solution for quick-acting disinfection of alcohol-resistant surfaces of medical devices in practices, laboratories and clinics. FD 322 distinguishes itself by its fast effectiveness, good material compatibility and manifold fields of application. FD 322 is suitable for the disinfection of dental chairs, mobile trolleys, instrument cabinets, protective covers of intraoral films after exposure, operating lamp handles, suction system tubes, turbines as well as handpieces and angular pieces prior to processing according to manufacturers' instructions. FD 322 dries quickly without residue. FD 322 is particularly suitable for use with FD multi wipes/FD multi wipes compact.

Chemical composition

FD 322 is based on a combination of quick-acting alcohols. 100 g FD 322 contain: 1-propanol 32 g, ethanol 26 g, adjuvants and water.

Microbiological effectiveness

FD 322 is bactericidal¹⁾, tuberculocidal¹⁾, fungicidal¹⁾, virucidal with limited effectiveness (enveloped viruses, e.g. vaccinia viruses, inclusive of HBV, HCV and HIV^{2), 3)} as well as non-enveloped viruses, e.g. adeno viruses^{1), 4)}, polyoma SV 40 viruses²⁾, noro viruses^{1), 4)}). VAH List. Tested in accordance with EN 13727, EN 13624, EN 14348, EN 14476, EN 16615.

Directions for use

FD 322 is ready-to-use. The practical refillable dosing bottle ensures the direct application on a cloth or a troublefree specific spray application on small surfaces with difficult access. Fully wet surfaces and articles to be disinfected. Let dry disinfected surfaces. Disinfect visibly contaminated surfaces using FD 322 and then wipe with a cloth. Disinfect cleaned surfaces once again. Let preparation take effect. Use FD multi wipes/FD multi wipes compact soaked with FD 322 in an analogue way.

Environmental behaviour

FD 322 is readily biodegradable according to OECD guideline 301 D. The packing is made of polyethylene and can therefore be exploi-

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ted both materially and thermally. For recycling, rinse bottle with water.

Physical properties

Appearance: clear, colourless solution

Density: $D = 0.89 \pm 0.02 \text{ g/cm}^3$ (20°C)

Flash point: 25°C

Shelf life

3 years

3 years once the bottle has been opened,

3 month if used with FD multi wipes/FD multi wipes compact.

Packaging sizes

10-litre canister

2.5-litre bottle

800-ml bottle

750-ml bottle for Hygowipec Plus

Storage

Store product at 5°C to room temperature max.

Accessories

Spray bottle (600 ml), spray nozzle for 800-ml-bottle, container tap, FD multi wipes/FD multi wipes compact

Caution

Disinfect the outsides of turbines, hand and angular pieces prior to required processing according to manufacturers' instructions. Caution with alcohol-sensitive materials (e.g. acrylic glass or similar). In case of sensitive surfaces, check material compatibility on a discreet area.

Hazard Statement

FD 322 is classified and labelled according to the CLP Regulation: see product label and safety data sheet.

Application	Time
Surface disinfection (VAH methods) ¹⁾	1 min.
Bacteria ¹⁾ and yeast fungi ¹⁾	15 sec.
Tb bacteria ¹⁾	15 sec.
Aspergillus niger ¹⁾	10 min.
Vaccinia viruses incl. HBV, HCV and HIV ^{2), 3)}	30 sec.
Adeno viruses ^{1), 4)}	30 sec.
Polyoma SV 40 viruses ²⁾	5 min.
Noro viruses ^{1), 4)}	1 min.

1) Testing at low burden.

2) Testing with and without load.

3) In accordance with RKI recommendation (see Bundesges.bl. 47, 62-66, 2004).

4) Testing at high burden.

Independent expert opinions - own test reports

All expert reports are available upon request.

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