

Product information

FD 300 surface disinfection



FD 300 features in brief

- Concentrate for the simultaneous disinfection and cleaning of surfaces of non-invasive medical devices as well as surfaces and objects, e.g. floors, walls, etc.
- Comprehensive effective spectrum: bacteri-cidal, tuberculo-cidal, fungicidal, virucidal inclusive of HBV, HCV and HIV.
- Tested in accordance with the current VAH guidelines and European standards.
- VAH List.
- Intensive cleaning action, pleasant fragrance and good material compatibility.
- Cost-effective due to low application concentration.
- Increased safety due to remnant effect.
- Aldehyde-free – based on alkylamines and quaternary ammonium compounds.
- Particularly suitable for use with FD multi wipes/FD multi wipes compact.

Characteristics

FD 300 from Dürr System-Hygiene is a highly-effective, aldehyde-free preparation for the simultaneous disinfection and cleaning of surfaces of non-invasive medical devices, e.g. dental chairs, X-ray equipment, etc. as well as surfaces and objects, e.g. floors, fixtures, walls, etc. in practices, laboratories and clinics. FD 300 distinguishes itself by its intensive cleaning effect, pleasant fresh fragrance and good material compatibility. FD 300 is cost-effective due to its low application concentration. Due to its remnant effect, FD 300 guarantees an increased safety if used regularly. FD 300 is particularly suitable for use with FD multi wipes/FD multi wipes compact.

Chemical composition

The effectiveness of FD 300 is based on a synergistic combination of alkylamines and quaternary ammonium compounds. 100 g FD 300 contain 12 g 3-aminopropyl-dodecyl-1,3-propandiamine, 7 g didecyl-methyl-poly(oxyethyl)-ammonium propionate as well as 5 -15 % non-ionic surfactants, < 5 % complexing agents, < 5 % alkaline cleaning components, adjuvants and water.

Microbiological effectiveness

FD 300 is bactericidal¹⁾, tuberculocidal¹⁾, fungicidal¹⁾, virucidal (enveloped viruses, e.g. vaccinia viruses, inclusive of HBV, HCV and HIV^{2), 3)} as well as non-enveloped viruses, e.g. adeno viruses^{2), 4)}, polyoma SV 40 viruses²⁾, noro viruses^{2), 4)}, polio viruses^{2), 4)}).

VAH List. Tested in accordance with EN 13727, EN 13624, EN 14348, EN 14476, EN 14563, EN 1276, EN 1650, EN 13697.

Directions for use

The application concentration in accordance with VAH is 0.5 % or 1 %, respectively. The exposure time in accordance with VAH is 60 or 15 minutes, respectively. Short-time values: 2 % and 5 min., 3 %/2 min. We recommend using suitable wet wipe procedures for wipe disinfection of large surfaces. Wipe surfaces of medical appliances with a wet cloth. Pay attention to the even moistening of the treated surfaces. Use FD multi wipes/FD multi wipes compact soaked in FD 300 (1 to 3 %) in an analogue way.

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Environmental behaviour

The FD 300 ready-to-use solutions are ecologically safe as all organic ingredients are biodegradable if diluted in flush water. The packing is made of polyethylene and can therefore be exploited both materially and thermally. For recycling, rinse bottle with water.

Physical properties

Concentrate:

Appearance: clear, green liquid of low viscosity

Density: $D = 1.05 \pm 0.01 \text{ g/cm}^3$ (20°C)

pH: 13.9 ± 0.3

1 % ready-to-use solution:

Appearance: clear, light-green solution

pH: 11.9 ± 0.5

Shelf life

Concentrate: 3 years

Ready-to-use solution: unused solution 28 days; dispose of used solutions.

Packaging size

2.5-litre bottle

Storage

Store product at 5°C to room temperature max.

Accessories

FD multi wipes/FD multi wipes compact

Notes

Wipe disinfection and cleaning must be carried out daily in all units where infections may start or where protection against infections is necessary. If FD 300 is used, we recommend wiping off the treated surfaces regularly, at least one time per week or if necessary, with clear water. FD 300 was tested for its material compatibility with common floor coverings (e.g. PVC; linoleum with a PUR® coating). FD 300 is suitable for floor cleaning and

Application	Concentration	Time
Surface disinfection (in accordance with VAH)	0,5 % ¹⁾	60 min.
	1 % ¹⁾	15 min.
	2 % ¹⁾	5 min.
	3 % ¹⁾	2 min.
Bacteria and fungi	1 % ¹⁾	15 min.
Tb-bacteria	1 % ¹⁾	60 min.
Vaccinia viruses inclusive of HBV, HCV and HIV	1 % ^{2), 3)}	1 min.
Adeno viruses	2 % ⁴⁾	5 min.
	4 % ^{2), 4)}	5 min.
Polyoma SV 40 viruses	1 % ²⁾	5 min.
Noro viruses	2 % ⁴⁾	5 min.
	4 % ^{2), 4)}	5 min.
Polio viruses	2 % ⁴⁾	5 min.
	4 % ^{2), 4)}	5 min.

1) Testing at high burden.

2) Test with and without load.

3) In accordance with RKI recommendation (Bundesgesundheitsbl. 47, 62 - 66, 2004).

4) In accordance with EN 14476: low burden; high burden 4 %/5 min.

disinfection if the surface of the coating is intact. FD 300 must not be used on surfaces made of aluminium.

Hazard Statement

FD 300 is classified and labelled according to the CLP Regulation: see product label and safety data sheet.

Independent expert opinions – own test reports

All expert reports are available upon request.

Use disinfectants safely. Always read the label and product information before use.

CE 0297

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