

AIRDAL[®] D-MED Surface disinfection

For all surfaces and objects. (Ready-to-use solution for spray and wiping)

Product features

- tested as medical device - not skin sensitive
- surface and object disinfectant
- free from alcohols, phenols, aldehydes and quarternary ammonium compounds
- non-flammable, not irritant, non-corrosive, not lung toxic
- mucosa compatible, dermatologically tested (+++)
- good disinfection and cleaning performance
- safe under food law
- Biofilm dissolving in air conditioning systems with remanence effect

Fields of application

AIRDAL[®] D-MED surface disinfection offers protection against the transmission of germs and interrupts infection chains. This biodegradable medical product is particularly suitable for surfaces and objects that must be disinfected several times a day e.g. aircraft cabins, lavatories, galleys, passenger tables, input devices, touch-screens, handles, arm rests.

Aerospace certification

AMS 1452C

Conforms with all tested materials like transparent plastics, painted surfaces, rubber, vinyl and tedlar surfaces.

AMS 1453

Conforms with all tested materials like plastics, painted surfaces, unpainted surfaces

BSS7434

Conforms with all tested materials like rubber, sealant, painted surface, tedlar, vinyl surface, fabric & carpet, leather and naugahyde, polycarbonate.

AIRDAL[®] D-MED surface disinfection is harmless under food law; therefore, particularly suitable for use in clinics and care facilities, hospitals, schools, aircraft galleys, trolleys, tray tables and food processing. The cleaning and disinfection of a cockpit for example does not require airing time as it is not lung toxic. The biofilm-decomposing effect of microbial contamination permits use as a rinse, in spray form or as vaporization.

Application

Completely wet objects or surfaces with AIRDAL[®] D-MED surface disinfection. Avoid wiping, since the full effect develops on a damp surface. Note: since the solution is water-based, it should only be used on coated or stainless steel surfaces in the case of metal surfaces - otherwise there is a risk of corrosion, e.g. rust. (In the case of sensitive surfaces, check compatibility beforehand in an inconspicuous place).

Effect spectrum

AIRDAL[®] D-MED surface disinfection is certified according to VAH method.

Application times

Disinfectants only work on damp surfaces; therefore: the longer, the better, the safer.

- | | |
|---|----------------|
| - Bactericidal > log _{5,10} KBE | 5 min |
| - Virucidal > log _{4,10} | |
| unshielded viruses: wie z.B. NoroV, AdenoV, PavoV | 5 min |
| enveloped viruses: z.B. nCoronaV, Influenza A/B, EbolaV | |
| HIV, HCV, HBV | 30 min |
| - Levurocidal | 5 min |
| - Tuberculocidal | 240 min |

Labelling according to the Ordinance on Hazardous Substances

2 organic acids -apathogenic-, sodium 2 ethylhexyl sulphate, CAS No 126-92-1; EC No 204-812-8, peppermint oil (Mentha Piperita), CAS No 8006-90-4-, EC No 282-015-4; adjuvant.

The organic acids are listed in ANNEX 1 of ECHA and are recorded within the scope of the simplified authorisation and are authorised without hazardous substance potential. Therefore, there is no need for hazard labelling, since auxiliary substances are negligible in percentage terms, but synergetically, like ligands, enhance the effectiveness.

Despite not needing personal protective equipment such as e.g. safety goggles and protective gloves, it can be dangerous in case of direct eye contact (splashes in the eye or on eye mucous membranes) can cause eye irritation. **In case of direct eye contact:** Rinse gently and thoroughly with water for several minutes. Remove existing contact lenses if possible. Rinse further.

If eye irritation persists: seek medical advice/attention. The solution may cause allergic reactions. Keep out of the reach of children. Read the label before use.

Composition

100 g solution contains: 0.18 g L-(+) lactic acid, 0.06g formic acid, natural or nature-identical auxiliary substances.

Expertise

- Prof. Dr. med. H.-P. Werner, HygCen Germany GmbH, Schwerin
- Dipl-Biol. T. Koburger, Hygiene Nord GmbH, Greifswald
- Dr. med. Werner Voss, Dermatest GmbH, Münster
- Dr. Ralph Derra, ISEGA Forschungs- und Untersuchungsgesellschaft mbH, Aschaffenburg [Food conformity]

Listing I Approval I Registration

- TÜV NORD Registration No. 44 235 200360
- Medical device class IIa MDD 93/42 EC, CE 0481
- ECM Certificate Registration No. Z/18/04270D
- ECM Certificate Registration No. Z/20/04641D

Chemical and physical data

- appearance of the finished solution: slightly greenish liquid
- pH value, undiluted 2.7 +/- 0.1

For multifunctional use

- aircraft cabin
- public life
- occupational medicine

Note

No personal protective equipment such as glasses and gloves required.

Manufacturer:

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Made in Germany

Supplier:

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