



B 15

Wipe Disinfectant

Product Information

Area of Application

Aldehyde-free concentrate for simultaneously disinfecting and cleaning all washable surfaces and objects (floors, walls, fixtures, devices) in all fields in clinics, e.g. in operating rooms, intensive care units, casualty wards, central sterilization departments and for diagnosis devices which are also used for operations. B 15 is also used by rescue services, in care homes (old people's homes, etc.), the food industry and in all fields where impeccable hygienic conditions are necessary

Advantages of the product

- For all washable surfaces and objects. B 15 can also be used for disinfecting respirators.
- Tested effectiveness and comprehensive effective spectrum against bacteria, fungi and all viruses (virucidal against enveloped and non-enveloped viruses).
- VAH/DGHM listed. Tested according to EN 13727, EN 13624, EN 14348, EN 14476, EN 14563.
- Intensive cleaning power, contains selected cleaning substances.
- Excellent material compatibility – suitable for all customary floor coverings which can be mopped with water.
- Economical due to low application concentration.
- Increased safety because of remnant effect (long-term effect) if used regularly.
- Pleasant fresh fragrance.

Microbiological activity

B 15 has the following characteristics of performance:

Application	Concentration	Time
Surface disinfection (in accordance with VAH/DGHM)	0.5%	1 hour
	1%	15 min.
	2%	5 min.
	3%	2 min.
Bacteria incl. MRSA ¹⁾ and fungi ²⁾	0.5%	1 hour
	1%	15 min.
	2%	5 min.
	3%	2 min.
TB bacteria (in accordance with EN 14348, EN 14563)	1%	1 hour
Vaccinia viruses, BVDV incl. HBV, HCV and HIV ³⁾	0.5%	1 min.
Adeno viruses ⁴⁾	1%	15 min.
Polyoma SV 40 viruses	1%	5 min.
Polio viruses ⁴⁾	2%	5 min.
Noro viruses ⁵⁾	2%	5 min.

¹⁾ Effectiveness against bacteria implies effectiveness against MRSA.

²⁾ Test for *Candida albicans* and *Aspergillus niger*.

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

⁴⁾ Values without organic load; Adenovirus with organic load: 2%/15 min.; poliovirus with load: 4%/5 min. in accordance with EN 14476

⁵⁾ Effectiveness against poliovirus implies effectiveness against norovirus.

Application

The wipe disinfectant requires an action period of 1 hour and a 0.5% concentration in accordance with VAH/DGHM or 15 minutes and a 1% concentration or 5 minutes and a 2% concentration and 2 minutes and a 3% concentration (short-time values). We recommend 2% and 15 minutes for disinfecting all viruses. In order to make 10 litres of a 1% ready-to-use solution for example, pour 100 ml of B 15 out of the stock bottle or the bottle using the measuring beaker/dosing head into a bucket and fill up to 10 litres with cold water. We recommend using appropriate wet wipe methods. Do not mix B 15 with household detergents.

Notes

Wipe disinfection and cleaning must be carried out daily in all units where infections may start or where protection against infections is necessary. In the food industry the disinfected surfaces must be thoroughly rinsed with water after the necessary contact time. The suitability of B 15 must be tested in each individual case if materials which are not waterproof are to be disinfected. B 15 must not be used on linoleum.

Chemical composition

The effectiveness of B 15 is based on alkylamines and quaternary ammonium compounds. 100 g of B 15 contains 12 g 3-aminopropyl-dodecyl-1,3-propanediamine, 7 g didecyl-methyl-poly(oxyethyl)-ammonium propionate and 5 – 15% non-ionic surfactants, < 5% complexing agents, < 5% alkaline cleaning components, adjuvants and hexylcinnamal in aqueous solution.

Packing units

10-litre container

carton of 6 1-litre bottles

Please turn over

Accessories • Shelf life • Storage • Physical properties • Toxicology • Ecology • Caution



Page 2

Accessories

Container tap, 100 ml measuring beaker, dosing head for 1-litre bottle, dosing bottle.

Shelf life

Concentrate: 3 years
Ready-to-use solution: unused solution: 28 days. Dispose of solution after wipe disinfection. When dip disinfecting respirators and similar objects, the service life is 5 days, dispose of the solution afterwards

Storage

Store the preparation in a cool place, but not below 5°C.

Physical properties

Concentrate:

Appearance: clear green liquid of low viscosity
Density: $D = 1.05 \pm 0.01 \text{ g/cm}^3$ (20°C)
pH: 13.8 ± 0.5

1% ready-to-use solution:

Appearance: clear, light green solution
pH: 11.9 ± 0.5

Toxicology

The acute oral toxicity (LD_{50}) in rats is $> 200 \text{ mg/kg}$ of body weight. Therefore, B 15 is classified as harmful. The acute dermal toxicity (LD_{50}) of the 1% ready-to-use solution in rats is $> 2000 \text{ mg/kg}$ of body weight. Therefore, the B 15 ready-to-use solution (1%) is classified as non-toxic. B 15 is corrosive when getting into contact with the skin or the mucous membranes or the eyes. The 1% ready-to-use solution of B 15 has no sensitizing properties. There is no risk from inhalation under normal conditions of use.

Ecology

The ready-to-use solutions of the preparation are ecologically safe as all active ingredients are biodegradable when appropriately diluted in flush water. The surfactants meet the requirements of the OECD guidelines. The packing is made of polyethylene and can therefore be exploited both materially and thermally. To recycle, rinse the containers or bottles with water.

Caution

B 15 concentrate is classified as "corrosive" and "dangerous to the environment" in accordance with the Directives relating to the classification, packaging and labeling of dangerous substances and preparations (R 35-22-50, S 26/28-37/39-61; see MSDS).

Use B 15 safely. Always read the label and product information before use.

The information on our products is based on detailed internal and external scientific examinations, and recommendations are given to the best of our knowledge. Liability is being judged in accordance with our General Terms of Sale and Delivery which are available at any time upon request.

Complementary products from oro[®] Hygienesystem

Instrument disinfection • Disinfection of surfaces and inventory • Disinfection and care of hands and skin • Disinfection of special applications • Accessories

Information as of 01/10