



B 10

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 10 is also used 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.
- Also suitable for spray disinfecting sun beds etc.
- Tested effectiveness and comprehensive effective spectrum against bacteria, fungi and many viruses (virucidal with limited effectiveness against enveloped viruses, e.g. Vaccinia viruses, BVDV inclusive of HBV, HCV and HIV as well as non-enveloped viruses, e.g. Adeno viruses, noroviruses).
- Contact time according to VAH/DGHM: 5 minutes only at a concentration of 2%.
- VAH/DGHM listed. Tested in conformity with EN 13727, EN 13624, EN 14348, EN 14476.
- Intensive cleaning power – contains selected cleaning substances.
- Excellent material compatibility – suitable for all customary floor coverings which can be mopped with water, as well as for sensitive materials, e.g. acrylic glass.
- Economical due to low application concentration.
- Increased safety because of remnant effect (long-term effect), if used regularly.

Microbiological activity

B 10 has the following characteristics of performance:

Application	Concentration	Time
Surface disinfection (according to VAH/DGHM)	2%	5 min.
Bacteria and fungi ¹⁾	2%	5 min.
MRSA ²⁾	2%	5 min.
TB bacteria	2%	1 hour
Vaccinia viruses, BVDV inclusive of HBV, HCV and HIV ³⁾	2%	10 min.
Adeno viruses	2%	30 min.
Noroviruses ⁴⁾	2%	15 min.

¹⁾ Test for *Candida albicans*.

²⁾ Effectiveness against bacteria implies effectiveness against MRSA.

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

⁴⁾ Test for FCV surrogate virus.

Application

The wipe disinfectant requires an action period of 5 minutes and a 2% concentration according to VAH/DGHM. In order to make 10 litres of ready-to-use solution, pour 200 ml of B 10 out of the stock bottle or the bottle using the measuring beaker/dosing head in a bucket and fill up to 10 litres with cold water. We recommend appropriate wet wipe methods.

In order to disinfect surfaces of sun beds, spray a 2% solution of B 10 or wipe with a cloth. After the necessary action period, rinse thoroughly with water. Do not mix B 10 with ordinary 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 and in the case of sun beds the disinfected surfaces must be thoroughly rinsed with water after the necessary contact time. The suitability of B 10 must be tested in each individual case if materials which are not waterproof are to be disinfected.

Chemical composition

B 10 is based on quaternary ammonium compounds. 100 g of B 10 contains 4.4 g dimethyl-dioctyl ammonium chloride, 0.6 g benzyl-dimethyl-dodecyl ammonium chloride, alkaline detergents (5 – 15%), non-ionic surfactants (5 – 15%), complexing agents (< 5%), adjuvants, butyl methyl propional, citral, geraniol, limonene and linalool in aqueous solution.

Packing units

10-litre container

carton of 6 1-litre bottles

Accessories

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

Please turn over

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



Page 2

Shelf life

Concentrate: 3 years
Ready-to-use sol.: 1 day, dispose of solution after use.

Storage

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

Physical Properties

Concentrate:

Appearance: clear yellow liquid
Density: $D = 1.04 \pm 0.02 \text{ g/cm}^3$ (20°C)
pH-value: 12.8 ± 0.3

2% ready-to-use solution:

Appearance: colourless solution
pH value: 10.5 ± 0.5

Toxicology

The acute oral toxicity (LD_{50}) of B 10 concentrate in rats is $> 2400 \text{ mg/kg}$ of body weight. The acute dermal toxicity (LD_{50}) in rats is also $> 2000 \text{ mg/kg}$ of body weight. Therefore, B 10 is classified as "non-toxic". Contact of the 2% ready-to-use solution with the eyes or the skin does not entail any irritations.

Ecology

B 10 is readily biodegradable according to the OECD guideline 301 D. 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 10 concentrate is classified as "irritant" in accordance with the Directives relating to the classification, packaging and labelling of dangerous substances and preparations (R 38-41; S 26-24/25-37/39; see MSDS).

Use B 10 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