



Beta Guard Neu

Surface disinfection

EN-Instructions for use

Thank you for purchasing this product from Laboratorium Dr. Deppe GmbH.

If you have any questions about the contents of these instructions for use or the application of the product, please contact us. Your Laboratorium Dr. Deppe Team.



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Instructions for use version: 3.0_EN
Date of issue: 05.03.2026

REF 480030-G

About these instructions for use

These instructions for use contain the necessary information for the correct use of Beta Guard Neu (referred to below as the "product"). The instructions for use must be kept in the immediate vicinity of the product and must be available to the user at all times. Anyone using the product must have read and understood the instructions for use in full, in particular the section on safety and the accompanying documents. Report all serious incidents (damage, injuries, infections, etc.) that occur in connection with the product to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

Accompanying documents

The following documents must be complied with in addition to the instructions for use: Labels on the product packaging, product data sheets, material safety data sheets, operating instructions, dosing tables, information on the shelf life of open containers. The documents can be downloaded from the Laboratorium Dr. Deppe GmbH website or requested by e-mail.

Explanation of symbols

These instructions for use and the labelling on the product use symbols to draw your attention to certain information and hazards.

Symbol	Explanation
	Manufacturer
	Use-by date
	Lot number
	Catalogue number, DrDeppe item number
	Consult instructions for use
	Medical device
	Unique Device Identifier
	The letters CE stand for European Conformity; this symbolises the compliance of the product with the applicable requirements that the European Community places on the manufacturer.
	Corrosive
	Hazardous to the environment

Safety

The following section provides information on the safe use of the product. Read and follow all safety instructions and contact the manufacturer if anything is unclear.

Personal protective equipment*

Eye protection: Tight-fitting safety goggles (EN 166)

Skin and body protection: Protective work clothing

Hand protection: Impermeable protective gloves. Use skin protection and skin care products before and after work.

Respiratory protection: Wear suitable respiratory protective equipment if ventilation is inadequate.

*Section 8.2. Exposure controls / Safety data sheet

Safety information

The following safety instructions apply when handling the product

Do not use the product on humans. Do not use the product for the disinfection of instruments, semi-critical and critical medical devices. Check that the packaging is intact before use. Do not use the product if the packaging is damaged.

Do not use the product after the expiry date. Wear the necessary personal protective equipment. Ensure good ventilation during and after use. Do not eat, drink or smoke when using the device. Protect the product from direct sunlight and keep it away from sources of ignition, food, drink and animal feed. Avoid contact with the skin, eyes and mucous membranes. Do not inhale mists, vapours or aerosols. In case of accidental release, carefully clean and ventilate the contaminated area. The product is harmful to aquatic organisms with long-term effects. Avoid releasing it into the environment. Wash your hands carefully after use. Remove clothing that has come into contact with the product immediately after use and wash it before wearing it again. Do not use the product in combination with disinfectants containing aldehyde.

Special safety information

The product is very toxic to aquatic organisms with long-term effects. Avoid releasing it into the environment. The product has a harmful effect on human health and the environment. On contact, the product causes severe eye damage and severe skin burns.

Contains

2-Phenoxyethanol; N-(3-Aminopropyl)-N-dodecylpropane -1,3-diamine

Safety measures

Take the following measures in the event of improper use or accidents with the product.

First-aid measures

General: If you are unsure of anything or if symptoms persist, consult a doctor. Call a doctor immediately.

After inhalation: Move the person to fresh air and ensure unobstructed breathing.

After skin contact: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a doctor immediately. Acute and delayed symptoms: Chemical burns.

After eye contact: Rinse carefully with water for several minutes. Remove any contact lenses if possible. Continue rinsing. Call a doctor immediately. Acute and delayed symptoms: Serious eye damage.

After ingestion: Rinse mouth. Do not induce vomiting. Call a doctor immediately. Acute and delayed symptoms: Chemical burns.

Firefighting measures

Comply with the following instructions and measures in the event of fire. Suitable extinguishing media: Suitable extinguishing media for surrounding fires (water spray jet, dry extinguishing powder, foam, carbon dioxide). Unsuitable extinguishing media: Full jet of water.

Special hazards arising from the substance or mixture

In the event of fire, toxic fumes may be released as hazardous decomposition products.

Advice for firefighters

Protection during firefighting: Do not attempt to work without suitable protective equipment. Use a self-contained breathing apparatus and full protective clothing.

Disposal of extinguishing media: Do not allow the extinguishing water to enter the sewage system or watercourses. The disposal of extinguishing water must be carried out in accordance with official regulations.

Accidental release measures

Comply with the following instructions and measures in the event of accidental release of the product.

Personal safety precautions

For non-emergency personnel: Ventilate the contaminated area. Avoid contact with eyes and skin and do not inhale mist, vapour or aerosol. For emergency responders: Do not attempt to work without suitable protective equipment.

Environmental precautions

If the product enters the sewage system or public waters, the authorities must be notified. Avoid penetration into the subsoil. Prevent the product from entering the sewage system and public waters.

Methods and material for containment and cleaning up

For containment: Collect spillage.

Cleaning procedure: Absorb the spilled liquid with absorbent material. Pick up the absorbent material using mechanical methods (wiping up, sweeping up) and collect it in suitable containers for disposal.

Disposal: Disposal must be carried out in accordance with official regulations.

Intended purpose

The product is an alcohol- and aldehyde-free disinfectant for surface disinfection. It is intended for use on all surfaces and objects in the vicinity of patients, in clinics, surgeries, outpatient clinics and care areas, as well as surfaces in industry, public facilities and food areas.

Requirements for the user

The product is intended exclusively for use by trained medical personnel and cleaning specialists from the healthcare sector. Anyone using the product must have read and understood the entire instructions for use and in particular the section on safety before use.

Requirements for the usage environment

The product is intended for use within the following temperature ranges. Outside the temperature limits there are no data on efficacy. Recommended ambient temperature for use (min. - max.): 20 - 25°C

Material compatibility

The product shows good material compatibility with negligible changes on surfaces made of various plastics, metals, glass and rubber. The changes observed do not lead to any usage restrictions. We recommend testing material compatibility for any specific application on an inconspicuous area before the first application.

Product properties

The product can be used as a disinfectant for professional surface disinfection of non-invasive medical devices and surfaces in medical environments. It serves to prevent diseases caused by viruses and bacteria by reducing the number of pathogenic germs and thus minimising the likelihood of infection.

Composition/Active substance

The following information refers to 100 g of the product:
Alkyl(C12-16) dimethylbenzylammonium chloride: 7,0 g
N-(3-Aminopropyl)-N-dodecylpropane -1,3-diamine: 5,0 g
2-Phenoxyethanol: 2,0 g

Chemical and physical properties

Colour: colourless to yellowish

State: fluid

pH-value: 10,5 - 12

Density: 0,9880 - 0,9980 g/ml

Contact Times

The efficacy of the product depends on the combination of concentration and exposure time of the product on the treated surface. The amount that needs to be applied to the surface depends on the application conditions.

Influencing factors: Increase the exposure time and/or concentration for rough surfaces and low temperatures. Keep the surface moistened with working solution for the entire exposure time for a safe effect.

Efficacy: bactericidal (EN 13727; EN 16615*)/yeastocidal (EN 13624; EN 16615*) with mechanical action, dirty condition 0,5% 5 min.; bactericidal (EN 13727; EN 1276; EN 13697)/yeastocidal (EN 13624; EN 1650; EN 13697) without mechanical action, dirty condition 1,5% 5 min.; tuberculocidal/mycobactericidal (M. terrae, M. avium/EN 14348), dirty condition 2% 30* min., 1% 60** min.; active against enveloped viruses (Modified Vaccinia Ankara/EN 14476) dirty condition 3% 5 min.; limited spectrum of virucidal activity: Adenovirus type 5 (EN 14476) dirty condition 4% 60** min.; Murine Norovirus (EN 14476) dirty condition 3% 60** min.; Rotavirus Stamm Wa (EN 14476) without condition 1% 30** min.; virucidal effective against Polyomavirus SV-40 (EN 14476) dirty condition 2% 60** min.

*tested on reference wipe **not for near patient surfaces

Use

Dosing the product correctly

The product is supplied as a concentrate for the preparation of a ready-to-use solution. Before use, the working solution is prepared taking into account the required concentration for the planned application. Mix the concentrate with water of drinking quality to form a working solution.

Application example: To prepare 1 litre of a 1% working solution, mix 990 ml of water with 10 ml of concentrate.

Using the product

Carry out the following steps to disinfect surfaces with the product.

Preparing the product

Prepare the working solution according to the requirements for the planned application. Remove visible soiling from the surface to be disinfected with a soft, clean wipe.

Wipe disinfection with ready-to-use solution

The ready-to-use solution is preferably to be applied using the wiping method with a disposable wipe. Spray disinfection should preferably be limited to areas that are not reachable by wiping disinfection. When using the spray method, it should be combined with wiping method. Test material compatibility on an inconspicuous area, taking into account the planned application time. Apply the working solution to the entire surface to be disinfected. Spread the working solution with a clean disposable wipe until the surface is completely wetted. It is important to keep the surface to be disinfected moist throughout the entire contact time to achieve efficacy. Dispose of the disposable wipe properly.

Storage and disposal

Requirements for the storage environment

Store the product in a well-ventilated place in a sealed condition and protect it from unauthorised access.

Shelf life

Do not use the product after the expiry date indicated on the packaging and dispose of it properly. The product has a shelf life of 12 months after opening.

Disposal

Disposal must be carried out in accordance with the applicable national and local regulations. The instructions in the safety data sheet for the concentrate must also be complied with.