

Product information

Orotol® plus disinfection of suction systems



Orotol® plus at a glance

- Concentrate for simultaneous disinfection, deodorisation, cleaning and care of dental suction systems, amalgam separators and spittoons.
- Broad spectrum of activity: bactericidal, yeasticidal, with virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV and coronaviruses), non-enveloped adenoviruses and noroviruses.
- Tested in accordance with current VAH methods and European standards. Limited virucidal activity in accordance with DVV/RKI guidelines.
- VAH list, IHO list of disinfectants.
- The solution for contaminated suction systems – guarantees reliable protection against infection.
- Application concentration of only 2%.
- Extraordinary cleaning power, removes even the most stubborn deposits, even from areas that are difficult to access.
- Aldehyde-free – its mechanism of action is based on quaternary ammonium cations.
- Ideal supplement to MD 555 cleaner organic, MD 555 cleaner and MD 550 for the comprehensive and intensive disinfection, cleaning, and care of all types of dental suction systems.

Properties

Orotol® plus from Dürr System Hygiene is a highly effective concentrate for the simultaneous disinfection, deodorisation, cleaning and care of all dental suction systems as well as spittoon bowls, and is suitable for all amalgam separators. Select disinfectant and cleaning components achieve intensive care despite being foam-free and gentle on materials. Orotol® plus is aldehyde-free, phenol-free and free of active chlorine.

Product composition

Orotol plus is based on a combination of quaternary ammonium compounds. 100 g Orotol® plus contains: 4.4 g dimethyldioctylammonium chloride, 0.6 g benzyltrimethyldecylammonium chloride, 5 - 15 g alkaline cleansing agents, < 5 g complexing agents, special antifoaming agents, hexyl cinnamal, fragrances, excipients.

Antimicrobial effect

Orotol® plus is bactericidal, yeasticidal, with virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV and coronaviruses), non-enveloped adenoviruses and noroviruses. Orotol® plus is included in the VAH list and IHO list of disinfectants. Tested under high load in accordance with EN 13727, EN 14561, EN 13624, EN 14562, EN 14476, EN 17111, EN 16615, as well as DVV/RKI guidelines.

Directions for use

Use Orotol plus regularly as a 2% solution once or twice a day, e.g., before lunch and after the end of treatment. Once-daily application should be done exclusively at the end of the day. Prepare by filling 40 ml or 2 cover caps of Orotol plus to a volume of 2 L with cold water and drain 1 L using the OroCup for example. Add the remaining solution to the spittoon. In accordance with the VAH, the exposure time is 2% - 5 min. (bactericidal / yeasticidal). Viruses are inactivated at 2% for 30 min. to 60 min. Follow the device manufacturer's instructions and country-specific requirements.

Environmental impact

The packaging is made of polyethylene and polypropylene and can thus be recycled or incinerated. For recycling, flush bottles with water.

For further information see safety data sheet.

Shelf life

Do not use the product after the expiry date printed on the packaging.

Working solution (2%): 1 day

Product information

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Container size

2.5-L bottle
1-L bottle

Storage

Store in a well-ventilated place. Keep container tightly closed.

Accessories

OroCup

General notes

Do not mix Orotol plus with other products. Thoroughly flush the suction systems with at least 1 L of water before and after applications of Orotol plus. After surgical procedures, aspirate at least one glass of cold water in spurts. Do not introduce foaming agents into the suction system or the spittoon. Changes in product colour/odour may occur, especially when stored in sunlight. However, these changes in colour and/or odour have no impact on the disinfection efficacy of the product. Use exclusively by qualified personnel. All serious events that occur in association with the

product must be immediately reported to the manufacturer and the competent authority of your member state.

Hazard warnings

Orotol® plus is classified and labelled according to the CLP Regulation. For further information see safety data sheet.

Concentrate: pH value: 12.5-13.5

Working solution (2 %): pH value: 10.0 - 11.0

Independent expert opinions – in-house investigations

The expert opinions are available upon request.



Application	Concentration-Time relation	
Recommendation for use for suction system disinfection in accordance with VAH (surface and instrument disinfection)	Bactericidal / yeasticidal	2% - 5 min
Type of activity	Tested according to	Concentration-Time relation
Bacteria and yeasts		
Bactericidal / yeasticidal	EN 13727, EN 14561, EN 13624, EN 14562, EN 16615	2% - 5 min
Viruses		
Virucidal activity against enveloped viruses (enveloped viruses including HBV, HCV, HIV as well as coronaviruses)	EN 14476, EN 17111 DVV / RKI guideline	2% - 30 min ¹⁾ 2% - 30 min
Adenoviruses	EN 14476, EN 17111	2% - 30 min ²⁾
Noroviruses	EN 14476, EN 17111	2% - 60 min

1) EN 14476 at low load. High load 2% - 60 min

2) EN 14476 at low load. High load: 2% - 2 h

Sales

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