

Product information

Orotol® plus pH 7 disinfection of suction systems



Orotol® plus pH 7 at a glance

- Neutral concentrate for simultaneous disinfection, deodorisation, cleaning and care of dental suction systems, amalgam separators and spittoons.
- Broad spectrum of activity: bactericidal, yeasticidal, virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV and coronaviruses)
- Tested in accordance with current VAH methods and European standards. Virucidal activity against enveloped viruses in accordance with DVV/RKI guidelines
- 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 compounds
- 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 pH 7 from Dürr System Hygiene is a neutral, 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 pH 7 is aldehyde-free, phenol-free and free of active chlorine.

Product composition

Orotol® plus pH 7 is based on a combination of quaternary ammonium compounds, cleaning components, complexing agents, special antifoaming agents, fragrances and adjuvants. 100 g Orotol® plus pH 7 contains 3.25 g alkyl benzyl dimethyl ammonium chloride, 5 – 15 g cleaning components, < 5 g complexing agents, special antifoaming agents, hexyl cinnamal, linalool, fragrances and adjuvants.

Antimicrobial effect

Orotol® plus pH 7 is bactericidal, yeasticidal, virucidal activity against enveloped viruses (enveloped viruses including HBV, HCV, HIV and coronaviruses). Orotol® plus pH 7 has been registered with the VAH list. Orotol® plus pH 7 is listed in the IHO list of disinfectants. Tested under high load in accordance with EN 13727, EN 14561, EN 13624, EN 14562, EN 14476, EN 17111 as well as DVV/RKI guidelines.

Directions for use

Use Orotol® plus pH 7 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 pH 7 to a volume of 2 litres with cold water and drain 1 litre using the Oro-Cup for example. Add the remaining solution to the spittoon. The exposure time is 15 to 30 minutes (see Table). 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 pH 7 with other products. Thoroughly flush the suction systems with at least 1 litre of water before and after applications of Orotol[®] plus pH 7. 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 pH 7 is classified and labelled according to the CLP Regulation. For further information see safety data sheet.
Concentrate: pH value: 7.0 - 8.0
Working solution (2 %): pH value: 6.0 - 7.0

Independent expert opinions – in-house investigations

The expert opinions are available upon request.

CE 0124

Application		Concentration-Time relation
Recommended application for disinfection of suction systems according to VAH	Bactericidal / Yeastocidal	2% - 30 min.
Type of activity	Tested according to	Concentration-Time relation
Bacteria and Yeasts		
Bactericidal / Yeastocidal	EN 13727, EN 14561, EN 13624, EN 14562	2% - 30 min.
Viruses		
Virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV as well as Coronaviruses)	EN 14476, EN 17111, DVV/RKI-Guideline	2% - 15 min.

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