

Product information

Orotol[®] ultra disinfection of suction systems

Characteristics and application

Orotol[®] ultra from Dürr System-Hygiene is a highly effective, powdery concentrate for the simultaneous disinfection, deodorization, cleaning and care of all dental suction systems, amalgam separators as well as spittoon bowls. Selected disinfecting and cleaning components produce an intensive foam-free care which – at the same time – is kind to materials and to the environment. When used daily, Orotol[®] ultra ensures trouble-free operation of all dental suction systems and amalgam separators, even with extremely high dirt and germ loads (e.g. saliva, amalgam and dentine dust, blood, etc.), both with regard to function and hygiene.

Chemical composition

The activity of Orotol[®] ultra is based on available oxygen. 100 g Orotol[®] ultra contains: 22 g sodium peroxoborate, alkaline cleansing agents, complexing agents, surfactants, special antifoaming agents and adjuvants.

Microbiological effectiveness

Orotol[®] ultra is bactericidal, tuberculocidal, fungicidal¹⁾, virucidal²⁾ (enveloped viruses, e.g. vaccinia viruses inclusive of HBV, HCV and HIV, and non-enveloped viruses, e.g. adeno viruses, polyoma SV 40 viruses, polio viruses). VAH/DGHM List. Tested in accordance with EN 13727, EN 13624, EN 14348, EN 14561, EN 14562, EN 14563.



Orotol[®] ultra features in brief

- Powdery concentrate for the automatic and simultaneous disinfection, deodorization, cleaning and care of all suction systems, amalgam separators and spittoon bowls.
- Broad effective spectrum: bactericidal, tuberculocidal, fungicidal, virucidal inclusive of HBV, HCV and HIV.
- Tested in accordance with the current DGHM guidelines and European standards.
- List of VAH/DGHM. Tested in accordance with EN 13727, EN 13624, EN 14348, EN 14561, EN 14562, EN 14563.
- The solution for contaminated suction systems - guarantees safe infection control.
- 1% application concentration only;
- Excellent cleaning activity – removes stubborn deposits, even in difficultly accessible places.
- Modern combination of active substances – based on available oxygen; chlorine-free, phenol-free, aldehyde free.
- Kind to the environment – biodegradable according to OECD guidelines

COMPRESSED AIR
SUCTION
IMAGING
DENTAL CARE
HYGIENE

Any 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 upon demand at any time.

Product information

Orotol[®] ultra disinfection of suction systems

Directions for use

Orotol[®] ultra is used as a 1% solution. Fill 10 g (= 1 dosing spoon) with lukewarm water (approx. 30°C) up to 1 litre and aspirate through the suction system, using the OroCup. Fill at least 250 ml of the solution into the spittoon bowl. Observe the necessary exposure time. Thoroughly rinse disinfected suction system with water. We recommend disinfecting and cleaning suction systems with Orotol[®] ultra once or twice a day, depending on the workload. Once-daily disinfecting and cleaning should be done at the end of the day exclusively.

Environmental behaviour

Orotol[®] ultra is quickly and almost completely biodegradable according to OECD guideline 301 D. The store bowl is re-usable. The refill pack can be exploited both materially and thermally. For recycling empty refill pack completely.

Physical properties

Powder:

Appearance: white to slightly yellowish powder of fresh smell

1% ready-to-use solution:

Appearance: colourless solution
pH value: 9.5 ± 0.5

Shelf life

Powder: 2 years

Ready-to-mix solution 1 %: max. 1 day; prepare a fresh ready-to-use solution for each application

Application	Concentration	Time
Disinfection of suction systems	1 %	30 min.
Bacteria and fungi¹⁾	1 %	30 min.
Tb bacteria	4 %	15 min.
	2 %	4 hours.
Vaccinia viruses inclusive of HBV, HCV, HIV²⁾	1 %	5 min.
Adeno viruses	1 %	15 min.
Polyoma SV 40 viruses	1 %	15 min.
Polio viruses	1 %	2 hours.

1) Test with *Candida albicans*.

2) In accordance with RKI recommendation (Bundesgesundheitsbl. 47, 62 - 66, 2004).

Packaging size

500-g bag
Refill pack with 8 x 500 g Orotol[®] ultra
1 dosing spoon per carton

Storage

Store product dry and cool or at room temperature, however, not over 30°C

Accessories

Store bowl, dosing spoon, OroCup

Caution

After surgical procedures, aspirate a glass of cold water intermittently. No foaming agents must enter the suction system or the spittoon bowl. Prepare a fresh ready-to-use solution for each application.

Warning

Orotol[®] ultra is classified as irritant according to the Directives relating to the classification, packaging and labelling of dangerous substances and preparations. Irritating to the skin. Risk of serious damage to eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. We recommend wearing protective gloves.

Independent expert opinions - own test reports

All expert reports are available upon request.