Oxygenon-I

ANTISEPTICA
Hygiene-Lösungen seit 1976
Solutions for Hygiene since 1976

Granulate for the manual disinfection of medical instruments based on active oxygen

Fields of application:
Acute diarrheal diseases are often caused by the sporulating bacterium *C. difficile*. To interrupt the chain of infection at an early stage, **sporicidal disinfectants**, e.g. based on active oxygen, have to be used for the manual reprocessing of surgical instruments. The advantage of active oxygen is not only the **extremely broad microbicidal spectrum of efficacy**, but also the low impact on humans and the environment due to the breakdown of the active ingredients into non-toxic substances.

Oxygenon-I is a disinfectant for the manual re-processing of instruments, laboratory equipment and medical device such as tracheostomy tubes, holding chambers etc. It is also suitable for the treatment of pneumotachographic equipment such as sieves, mouthpieces and tachographs or of tonometer and other.
The product can be used for the disinfection of medical devices made of glass, porcelain, plastics, ceramics, and precious metals, e. g. stainless steel or intact chromed surfaces, as well as for thermostable and thermolabile anaesthesia equipment and rigid or flexible endoscopes.

Recommendations for use:

Test	Concentration	Contact time
VAH – Instrument Disinfection I Standard Methods		
VAH – Instrument Disinfection: bactericidal, yeasticidal clean conditions (equivalent to EN 13727, EN 14561, EN 13624 and EN 14562)	1,5% 0,5%	15 min. 60 min.
tuberculocidal (clean conditions, equivalent to EN 14348 and EN 14563)	1,5%	60 min.
EN 14476 – virucidal efficacy		
virucidal* (inactivation of enveloped & non-enveloped viruses)	1.5 %	15 min.
Norovirus (MNV) (clean conditions)	0,5% 0,1%	5 min. 15 min.
Adenovirus (clean conditions)	1,5%	15 min.
Poliovirus (clean conditions)	1,5%	15 min.
EN 17126 – sporicidal efficacy		
sporicidal (*C. difficile*) clean conditions	5,0% 3,0%	15 min. 30 min.

* according to DVV/RKI declaration, Bundesgesundheitsblatt 3/2017

Oxygenon-I is suitable for use in ultra-sonic baths in a concentration of 1.5 %. Keep a contact time of 15 minutes and a water temperature of maximum 25 °C. Follow the instructions of the manufacturer concerning frequencies and further recommendations for use.

Spectrum of efficacy:
- **bactericidal**
- **yeasticidal**
- **tuberculocidal**
- **virucidal***
- **sporicidal**

Antisepsis by Antiseptica – Antisepsis mit Vernunft

The company is certified according to **EN ISO 13485** and meets the Council's requirements of Regulation **(EU) 2017/745** of the European Parliament and the Council on Medical Devices.

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Oxygenon-I

Listing:
- VAH-list
- Storz-list

Composition (active ingredients):
100 g contain: 60.0 g Caroat

Special characteristics:
- very broad spectrum of efficacy
- high material compatibility (incl. sensitive materials like acrylic glass)
- no toxic residues
- low impact on the environment
- rapidly dissolvable without long stirring
- free of conventional active ingredients like aldehydes, QACs, alcohols or chlorine

Application:

Manual instrument disinfection; immersion procedure:

Fully dissolve granulate in water to the desired concentration specified in the recommendations for use (make use of dosage table and measuring cup). Immerse dismantled, opened and cleaned instruments fully into the prepared disinfection solution for the recommended contact time. Ensure that the entire instrument is fully submerged during the entire contact time and avoid bubbles and cavities. Cover disinfection trays.
After the recommended contact time has elapsed, take instruments out of the disinfection solution and rinse thoroughly under running water of at least drinking water quality (if applicable with sterile or deionised water); subsequently dry instruments.
Proper pre-cleaning or mechanical cleaning of the instruments is strongly recommended (also refer to the CDC Guideline for Disinfection and Sterilization in Healthcare Facilities, 2008).
Suitable products for instrument cleaning prior to the disinfection with Oxygenon-I are e. g. the products Instruton E or Instruton liquid/granulate. Rinse instruments properly after cleaning and before disinfection.
Record the preparation-date of the disinfection solution. The stability of the prepared disinfection solution is one day. If visibly contaminated, prepare fresh disinfection solution immediately.

Special advice:
- For professional use.
- Not suitable for the disinfection of base metals like brass and corrosive steel. For use with aluminium materials test on a hidden spot prior to first use.
- Protect from heat, direct sunlight and humidity.
- Clean and rinse instruments, trays and accessories properly before first use or when switching products.
- Do not mix with other substances (e.g. strong acids and strong bases).
- Please follow local guidelines for reprocessing medical devices and the instructions given by the manufacturer of the medical instruments being disinfected!
- Exact dosage is a prerequisite for effective disinfection. For exact dosage make use of dosage table and measuring cups when preparing the disinfection solution.
- Not suitable for the removal of blood contamination.
- Do not use hot water to prepare the disinfection solution.

Physical and chemical properties:

Appearance: whitish granulate
Scent: neutral
pH-value of a 1 % solution: 3.0 – 5.0

Forms of delivery:
- carton with 10 x 1 kg plastic cans

When handling the product, please note the information according to the Hazardous Substances Ordinance given in the safety data sheet.

Further information is provided by your expert advisor upon request or on our website.

Use disinfectants safely. Always read the label and product information before use.

Note for disposal:
The stock solution of Oxygenon-I can be disposed of with waste water, as it is common practice for cleaning agents. A neutralisation or inactivation before release into sewage is neither necessary nor ecologically worthwhile.

Instrument disinfectant for medical devices according to EU-Regulation 2017/745 "Medical Device Regulation (MDR)"

CE 0482

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