



Fields of application:

Disinfectants based on active oxygen have a very broad spectrum of efficacy. Caroat generates a non-toxic residue and therefore has an especially low impact on humans and the environment.

Oxygenon Liquid is an innovation in the field of **active oxygen**-based disinfectants. It is a **liquid concentrate** and thus particularly user-friendly in its application (i.e., for the correct dosage of the product). Oxygenon Liquid acts without any conventional, chemical active ingredients and has **an extremely broad spectrum of efficacy** against bacteria, yeasts, enveloped and non-enveloped viruses as well as bacterial spores. The product has a pleasant, neutral scent and is suited for the disinfection and cleaning of surfaces and medical inventory, particularly in areas with an increased infection risk like operating theatres, isolation, transplantation, pre-mature units (e.g. incubators), ICUs, etc.

It is also suitable for disinfection measures in laboratories, kindergarten, for sanitary facilities, in the pharmaceutical industry, etc.

Special characteristics:

- extremely broad spectrum of efficacy
- no toxic residues
- high material compatibility (incl. sensitive materials like acrylic glass)

Liquid concentrate based on active oxygen for the disinfection of surfaces and medical devices

Recommendations for use:

Test	Concentration	Contact time
VAH – Surface Disinfection with mechanical action Standard Methods		
VAH – Surface Disinfection: bactericidal, yeasticidal clean conditions (equivalent to EN 13727, EN 13624 and EN 16615)	1.5 %	60 min.
tuberculocidal (clean conditions, equivalent to EN 14348)	3.0 %	60 min.
DVV / RKI Guideline – virucidal efficacy		
limited virucidal* (inactivation of enveloped viruses) (incl. HIV / HBV / HCV)	1.0 %	15 min.
Vacciniavirus	1.0 %	5 min.
BVDV (Bovine Viral Diarrhea Virus)	1.0 %	15 min.
Poliovirus	3.0 %	30 min.
Adenovirus	1.0 %	1 min.
SV 40 (Simian-Virus 40)	1.0 %	5 min.
EN 14476 – virucidal efficacy		
virucidal* (inactivation of enveloped & non-enveloped viruses)	3.0 %	30 min.
Poliovirus (dirty conditions)	3.0 %	30 min.
Adenovirus (dirty conditions)	0.3 %	5 min.
Norovirus (MNV) ^a (dirty conditions)	1.0 %	1 min.
Rotavirus (clean conditions)	1.0 %	1 min.
EN 17126 – sporicidal efficacy		
sporicidal (<i>C. difficile</i>) clean conditions	3.0 %	60 min
	5.0 %	30 min
	10.0 %	15 min
	15.0 %	10 min
EN 16777 – virucidal efficacy surface disinfection without mechanical action		
virucidal (clean conditions)	1.5 %	15 min.

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

^a murine Norovirus = surrogate virus for human Norovirus

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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- very good cleaning properties (especially against fat deposits)
- easy application
- neutral scent
- free of colourants and perfumes

Application:

Surface disinfection with mechanical action; scrub-wipe disinfection:

Dilute concentrate with water to the concentration specified in the recommendations for use. Apply a sufficient amount (wet-wiping) of the prepared disinfection solution to the surface by using a scrub-wipe disinfection with mechanical distribution. Ensure a thorough, complete moistening of the surface and allow to operate for the recommended contact time.

If applicable, rinse surface with clear water of at least drinking water quality after the recommended contact time has elapsed (e.g., to remove possible grey film and/or small crystalline salt deposits). Massive contamination with organic material (e.g., blood, secretions) should be removed before disinfection using a disposable cloth moistened with disinfectant, which should then be properly disposed. Prepared disinfection solutions must not be allowed to stand for a long time and should be prepared freshly at least every working day (according to the recommendations by the VAH and RKI).

Composition (active ingredients):

100 g contain: 20.0 g Caroat

Physical and chemical properties:

Appearance: clear, colourless liquid

Scent: neutral

pH-value: approx. 2 at 20 °C

Density: approx. 1.15 g/cm³ at 20 °C

Special advice:

- For professional use.
- Not suitable for the disinfection of base metals like brass, copper and nonalloyed steel (corrosive). For use with aluminium materials test on a hidden spot prior to first use.
- Protect from frost, heat, and direct sunlight (5 °C – 25 °C).
- Avoid contact with eyes, skin, and mucous membranes.
- Wear adequate personal protective equipment when handling disinfectants.
- Clean and rinse surfaces, buckets and wiping utensils properly before first use or when switching products. Please pay special attention to the removal of the residues of formerly used disinfectants.
- Do not mix with other substances (e.g., strong acids and strong bases).
- Please follow local guidelines for the cleaning and disinfection of surfaces!
- Exact dosage is a prerequisite for effective disinfection. For exact dosage make use of dosage table and measuring cups, or dosage pumps when preparing the disinfection solution.
- Do not use hot water to prepare the disinfection solution.
- Ideally use distilled or deionised water to prepare the disinfection solution. (Tap water does not impair the efficacy of the product. Depending on the water quality and hardness – the solution might develop a chlorine-like odour. However, Oxygenon Liquid does not contain any chlorine compounds.)
- If disinfectants are applied to large surfaces, provisions must be made for adequate ventilation.

Spectrum of efficacy:

- bactericidal
- yeasticidal
- tuberculocidal
- **virucidal***
- **sporicidal**

Listing:

- VAH-list
- IHO-List
- ÖGHMP-list

Forms of delivery:

- carton of 6 x 2 L bottles
- carton of 2 x 5 L plastic canister

also available:

- various dosing aids that can be screwed onto bottles and canister

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.

Surface disinfectant for medical devices according to EU-Regulation 2017/745

"Medical Device Regulation (MDR)"

CE 0482

Biocidal product according to BPR

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