

<b>OXI-SYS<sup>®</sup></b> HOCl-based disinfectant and oxidizing solution INSTRUCTIONS FOR USE	Schwung Energy Kft. www.oxi-sys.com info@oxi-sys.com Version: 1.0	Date: 2026
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## Instructions for Use

Before using the product, please read the product Safety Data Sheet carefully.  
If you have any questions, please do not hesitate to contact us.

### Warning

1. When opening the bottle, do not try to smell the liquid directly. Chlorine microbubbles may form under the cap, which can cause a very unpleasant effect on the nasal mucosa.
2. OXI-SYS<sup>®</sup> is strongly oxidative and may have a corrosive effect on metals.

### Disinfection of drinking water for humans and animals

OXI-SYS<sup>®</sup> can be used for the disinfection of drinking water, especially in the following cases:

- Drinking water used from tanks, for example on boats, aircraft, caravans, etc.
- Drinking water production, including well and pipeline disinfection
- Emergency situations, such as flooding, where there is a risk of bacterial contamination

### Disinfectants and other biocidal products for private and public health use

OXI-SYS<sup>®</sup> is suitable for applications involving the disinfection of swimming pools, aquariums, bathing water and other water systems.

OXI-SYS<sup>®</sup> SPA offers an effective solution for clean and healthy water in swimming pools, therapy pools and whirlpools.

### Water treatment, cleaning and reuse

Application areas include:

- Treatment, cleaning and disinfection of bath and pool water
- Disinfection and odour control of water in car wash systems

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- Hygienic treatment of rainwater systems and prevention of decomposition processes
- Disinfection and odour control in wastewater systems

## Disinfection of air, surfaces and equipment

OXI-SYS® can be used for the disinfection of air, surfaces, structural materials, equipment and furniture that do not come into direct contact with food or feed.

The product may be used in private, public and industrial areas, including hospitals and other institutions.

Application areas include, among others:

- Air-conditioning systems
- Walls and floors in healthcare and other institutions
- Chemical toilets
- Wastewater
- Hospital waste
- Soil or other carriers, for example on playgrounds
- Applications against algae formation

## RED-SYS Pro – Degreasing and Cleaning

RED-SYS Pro is a high-pH cleaning solution (pH > 12) designed to effectively remove stubborn dirt and contamination from surfaces.

## Laboratory Test

The testing was carried out by Laboratorien GmbH & Co. KG, 06188 Oppin, Germany.

Excerpt from the test report:

“At all specified treatment concentrations (10%, 5%, 2% and 0.5%), the number of bacteria (*Pseudomonas aeruginosa*) in the contaminated water was reduced by 10<sup>5</sup> within 30 seconds, or all bacteria were completely eliminated.”

The risk of *Legionella* contamination is also significantly reduced. Harmful and unpleasant odours caused by chloramines do not occur. After the reaction, OXI-SYS® breaks down in water into its original components.

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For water treatment, OXI-SYS® is used in a highly diluted form, generally 1–10 litres per m<sup>3</sup>, depending on water quality. This makes the application very economical.

## Active Substance Data

- Active substance: hypochlorous acid / free chlorine approx. 250 mg/l
- pH value: approx. 2.90–3.10
- Redox potential: approx. 1140 mV

## First Aid Measures

- In case of inhalation: Provide fresh air. If symptoms or discomfort occur, seek medical advice.
- In case of ingestion: If the affected person is conscious, rinse the mouth and drink plenty of water afterwards.
- In case of eye contact: Rinse immediately with plenty of water and seek medical advice.
- In case of skin contact: Wash off with plenty of water.
- When used and handled properly, the product does not cause harm to humans or the environment.

## Handling and Storage

- Keep out of reach of children.
- Store in the original container.
- Store in a cool, dark place.
- Do not store together with acids.
- Recommended maximum storage temperature: +25 °C.
- Keep containers closed and open and handle them carefully.
- The specified dilutions must be observed.
- Non-flammable.
- Not explosive.