

# Safety Data Sheet

Working Version  
(SDS) Verzion 1.0 2026

**OXI-sys® WD SPA AD**

OTH: 4342-2/2009  
Erstellt gemäß Verordnung (EU) 2020/878

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name: OXI-sys® – registered trademark (No. 307 77367)

- OXI-sys WD – disinfectant for drinking water for humans and animals
- OXI-sys SPA – disinfectant for swimming pool water and other bathing waters
- OXI-sys AD – surface disinfectant, MSZ\_EN\_1275-2000

Note: The names OXI-sys WD / SPA / AD refer to products with identical composition; they differ only in their field of application and therefore do not require separate safety data sheets.

Active substance: sodium hypochlorite, CAS 7681-52-9, 0.03–0.06%.

pH: < 3 / ORP: 1145 mV / active chlorine: 300–350 mg/L

### 1.2 Relevant identified uses of the substance or mixture

Use: oxidative cleaning solution, deodorising agent, surface treatment agent, water-treatment auxiliary.

Uses advised against: do not mix with acids; prolonged contact with metal surfaces should be avoided.

### 1.3 Details of the supplier of the safety data sheet

SCHWUNG Energy Kft. – Managing Director: András Dömötör

2900 Komárom, Báthory I. u. 24/B, Hungary

info@schwung.hu | www.oxi-sys.hu | +36 30 288 2867

### 1.4 Emergency telephone number

Health Toxicological Information Service (ETTSZ), 1096 Budapest, Nagyvárad tér 2, Hungary

Telephone: 06 80 201 199, +36 1 476 6464

## SECTION 2: Hazards identification

### 2.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Based on the available data, the mixture is not classified as hazardous under the CLP Regulation. It does not fall into a hazard class.

### 2.2 Label elements

Pictogram: none.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If discomfort occurs, seek medical advice.

### 2.3 Other hazards

- Strongly oxidative solution (ORP 1100–1200 mV).
- May cause corrosion in contact with certain metals (copper, brass, galvanised surfaces, carbon steel).
- Mixing with acids may release chlorine gas.

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## SECTION 3: Composition / information on ingredients

Component	CAS	EC	Concentration	Classification
Sodium hypochlorite	7681-52-9	231-668-3	0.03–0.06%	Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Sodium chloride (NaCl)	7647-14-5	231-598-3	< 0.1%	Not classified as hazardous
Chlorine dioxide (ClO <sub>2</sub> )	10049-04-4	233-162-8	< 0.005%	Ox. Gas 1 (trace component; not classification-relevant in this SDS)
Hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> )	7722-84-1	231-765-0	< 0.005%	Eye Irrit. 2 (trace component; not classification-relevant in this SDS)

## SECTION 4: First aid measures

### 4.1 First aid measures

Inhalation: provide fresh air. Skin: wash with water. Eyes: rinse with plenty of water for 10–15 minutes. Ingestion: rinse mouth, drink water.

### 4.2 Most important symptoms and effects

Mild irritation may occur.

### 4.3 Indication of any immediate medical attention

Symptomatic treatment.

## SECTION 5: Firefighting measures

- The product is not combustible.
- Small amounts of chlorine may be released during decomposition.
- Extinguishing media: any suitable extinguishing media.

## SECTION 6: Accidental release measures

- Spillage: dilute with water and rinse away.
- Personal precautions: minimal.
- Environment: large quantities must not be released into surface water, soil or drains.

## SECTION 7: Handling and storage

- Do not mix with acids.
- Prolonged contact with metal surfaces should be avoided.
- Store in a cool place protected from light.
- Plastic containers (PE, PP, PVC) are recommended.
- Protect from sunlight and heat, as the active chlorine content may decrease.

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## SECTION 8: Exposure controls / personal protection

- No special protection is required under normal use.
- Eye protection: recommended where splashing may occur.
- Hand protection: nitrile gloves optional.

## SECTION 9: Physical and chemical properties

- Appearance: water-clear liquid
- Odour: slight oxidative odour
- pH: < 3
- ORP: 1100–1200 mV
- Density: approx. 1.00 g/cm<sup>3</sup>
- Solubility: completely soluble in water
- Oxidising property: strongly oxidative solution
- Material compatibility: may damage copper, brass, galvanised surfaces and carbon steel; resistant materials: stainless steel (304/316), PE, PP, PVC.

## SECTION 10: Stability and reactivity

- Stable under normal conditions.
- Reacts with acids → chlorine gas.
- Oxidation in contact with metals.

## SECTION 11: Toxicological information

- Based on the available data, no significant toxicological risk is expected under intended use. Mild irritation may occur.

## SECTION 12: Ecological information

- During degradation of the product, hypochlorous acid is converted into chloride ions; the final product is practically slightly saline water.
- Not bioaccumulative.
- In strong dilution, the product may convert into chloride ions; environmental releases must be handled in accordance with local regulations.

## SECTION 13: Disposal considerations

- May be discharged into drains when diluted.
- Packaging material: recyclable plastic.

## SECTION 14: Transport information

- Not dangerous goods.
- UN number: none.
- ADR/RID/IMDG/IATA: not regulated.

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## SECTION 15: Regulatory information

- Based on the available data, the mixture is not classified as hazardous under the CLP Regulation.
- When used as a biocidal product, the product may be placed on the market and used only in accordance with the applicable biocidal regulations and authorised conditions of use.
- Product residues and packaging must be handled in accordance with local regulations. Large quantities must not be released into surface water, soil or drains.

## SECTION 16: Other information

- Date of issue of the SDS:
- Version: 1.0
- This document complies with Regulation (EU) 2020/878.