

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.11.2025

Version number 6 (replaces version 5)

Revision: 18.11.2025

- **1.1 Product identifier**
- **Trade name:** Omni WaterClean OX6
- **UFI:** WS2K-U31D-Q20K-C98S
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU20 Health services
- **Product category** PC37 Water treatment chemicals
- **Technical function** Stabilizing agent
- **Application of the substance / the mixture** Water treatment
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** PRISMAN GmbH  
Otto Hahn Ring 6-18  
D-64653 Lorsch
- **Distributed by:** OMNIDENT DentalHandelsgesellschaft mbH  
Gutenbergring 5  
D-63110 Rodgau
- **Further information obtainable from:**  
Produktmanagement, Phone +49 (6106) 874 - 0
- **1.4 Emergency telephone number:** Available on weekdays from 8:00 a.m. to 4:30 p.m.  
Phone + 49 (6106) 874 - 0, Fax: +49 (6106) 874 - 265, [info@omnident.de](mailto:info@omnident.de)

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Eye Irrit. 2 H319 Causes serious eye irritation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**  
H319 Causes serious eye irritation.
- **Precautionary statements**  
P280 Wear protective gloves / eye protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.
- **Additional information:**  
Product contains: Reportable explosives precursors. Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 9.
- **Labelling of packages where the contents do not exceed 125 ml -**
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Determination of endocrine-disrupting properties**  
Environmental information: There is no information available on endocrine disrupting properties for the environment.  
Toxicological information: There is no information available on endocrine disrupting properties for human health.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

#### Dangerous components:

CAS: 7722-84-1 EINECS: 231-765-0 Index number: 008-003-00-9 Reg.nr.: 01-2119485845-22	hydrogen peroxide solution  Ox. Liq. 1, H271  Skin Corr. 1A, H314  Acute Tox. 4, H302; Acute Tox. 4, H332 Specific concentration limits: Ox. Liq. 1; H271: $C \geq 70 \%$ Ox. Liq. 2; H272: $50 \% \leq C < 70 \%$ Skin Corr. 1A; H314: $C \geq 70 \%$ Skin Corr. 1B; H314: $50 \% \leq C < 70 \%$ Skin Irrit. 2; H315: $35 \% \leq C < 50 \%$ Eye Dam. 1; H318: $C \geq 8 \%$ Eye Irrit. 2; H319: $5 \% \leq C < 8 \%$ STOT SE 3; H335: $C \geq 35 \%$	6.0%
CAS: 7761-88-8 EINECS: 231-853-9 Index number: 047-001-00-2	silver nitrate  Ox. Sol. 2, H272  Acute Tox. 2, H300  Skin Corr. 1B, H314  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	$\leq 2.5\%$

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

#### After skin contact:

Immediately rinse with water.

If skin irritation continues, consult a doctor.

#### After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### After swallowing:

If symptoms persist consult doctor.

Rinse out mouth and then drink plenty of water.

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

#### 5.3 Advice for firefighters

**Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures** Not required.

#### 6.2 Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

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- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Protect from heat and direct sunlight.  
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.  
Store in upright position.  
Keep container tightly sealed.
- **Storage class:** 12
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**

#### 7722-84-1 hydrogen peroxide solution

WEL (Great Britain)	Short-term value: 2.8 mg/m <sup>3</sup> , 2 ppm
	Long-term value: 1.4 mg/m <sup>3</sup> , 1 ppm

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.  
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not required.
- **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**  
Rubber gloves
- **For the permanent contact gloves made of the following materials are suitable:** Neoprene gloves
- **As protection from splashes gloves made of the following materials are suitable:**  
Butyl rubber, BR  
Natural rubber, NR  
Nitrile rubber, NBR
- **Eye/face protection**



Tightly sealed goggles

### SECTION 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

- |   |                        |
|---|------------------------|
| · <b>General Information</b>                                      |                        |
| · <b>Physical state</b>   | Fluid                  |
| · <b>Colour:</b>  | Colourless             |
| · <b>Odour:</b>   | Recognisable           |
| · <b>Odour threshold:</b>   | Not determined.        |
| · <b>Melting point/freezing point:</b>                            | 0 °C                   |
| · <b>Boiling point or initial boiling point and boiling range</b> | 100 °C                 |
| · <b>Flammability</b>   | Not applicable.        |
| · <b>Lower and upper explosion limit</b>                          |                        |
| · <b>Lower:</b>   | Not applicable         |
| · <b>Upper:</b>   | Not applicable         |
| · <b>Flash point:</b>   | Not applicable.        |
| · <b>Decomposition temperature:</b>                               | Not determined.        |
| · <b>pH at 20 °C</b>  | 4.5                    |
| · <b>Viscosity:</b>   |                        |
| · <b>Kinematic viscosity</b>                                      | Not determined.        |
| · <b>Dynamic:</b>   | Not determined.        |
| · <b>Solubility</b>   |                        |
| · <b>water:</b>   | Fully miscible.        |
| · <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined.        |
| · <b>Vapour pressure at 20 °C:</b>                                | 23 hPa                 |
| · <b>Density and/or relative density</b>                          |                        |
| · <b>Density at 20 °C:</b>  | 1.02 g/cm <sup>3</sup> |
| · <b>Relative density</b>   | Not determined.        |
| · <b>Vapour density</b>   | Not determined.        |

#### · 9.2 Other information

- |  |   |
|--|---|
| · <b>Appearance:</b>   |   |
| · <b>Form:</b>   | Liquid  |
| · <b>Important information on protection of health and environment, and on safety.</b> |   |
| · <b>Ignition temperature:</b>   | Product is not selfigniting.                  |
| · <b>Explosive properties:</b>   | Product does not present an explosion hazard. |
| · <b>Solvent content:</b>  |   |
| · <b>Water:</b>  | >90 %   |
| · <b>VOC (EC)</b>  | 0 %   |

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- **Change in condition**
- **Evaporation rate** Not determined.

- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### LD/LC50 values relevant for classification:

##### ATE (Acute Toxicity Estimates)

Oral	LD50	9,718-10,330 mg/kg
Inhalative	LC50/4 h	33.3 mg/l

##### 7722-84-1 hydrogen peroxide solution

Oral	LD50	801-872 mg/kg (rat)
Dermal	LD50	4,060 mg/kg (rabbit)
Inhalative	LC50/4 h	2 mg/l (rat)

##### 7761-88-8 silver nitrate

Oral	LD50	5 mg/kg (ATE)
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- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.

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- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· <b>Endocrine disrupting properties</b>
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None of the ingredients is listed.
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### SECTION 12: Ecological information

- **12.1 Toxicity**

· <b>Aquatic toxicity:</b>
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<b>7722-84-1 hydrogen peroxide solution</b>
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EC50	27.5-43 mg/l (A)
	1,000 mg/l (Bel)
	7.7 mg/l (daphnia)
LC50/96h	16.4 mg/l (fish)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· <b>European waste catalogue</b>
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06 00 00	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 13 00	wastes from inorganic chemical processes not otherwise specified
06 13 99	wastes not otherwise specified

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

· <b>14.1 UN number or ID number</b>
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· <b>ADR, ADN, IMDG, IATA</b>
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Void

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- |   |                 |
|---|-----------------|
| <b>· 14.2 UN proper shipping name</b>                                 |                 |
| <b>· ADR, ADN, IMDG, IATA</b>   | Void            |
| <b>· 14.3 Transport hazard class(es)</b>                              |                 |
| <b>· ADR, ADN, IMDG, IATA</b>   |                 |
| <b>· Class</b>  | Void            |
| <b>· 14.4 Packing group</b>   |                 |
| <b>· ADR, IMDG, IATA</b>  | Void            |
| <b>· 14.5 Environmental hazards:</b>                                  | Not applicable. |
| <b>· 14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable. |
| <b>· Transport/Additional information:</b>                            |                 |
| <b>· ADR</b>  |                 |
| <b>· Limited quantities (LQ)</b>                                      | -               |
| <b>· Transport category</b>   | Kein Gefahrgut  |
| <b>· UN "Model Regulation":</b>                                       | Void            |

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### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**  
GHS label elements  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**  
H319 Causes serious eye irritation.
- **Precautionary statements**  
P280 Wear protective gloves / eye protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**  
None of the ingredients is listed.
- **REGULATION (EU) 2019/1148**
- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**  
None of the ingredients is listed.
- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**  
7722-84-1 | hydrogen peroxide solution

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· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H271 May cause fire or explosion; strong oxidiser.

H272 May intensify fire; oxidiser.

H300 Fatal if swallowed.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

· **Recommended restriction of use** Product only for professional use

· **Department issuing SDS:** Abteilung Produktsicherheit

· **Contact:** Hr. Dr. Metz

· **Date of previous version:** 27.06.2025

· **Version number of previous version:** 5

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Ox. Liq. 1: Oxidizing liquids – Category 1

Ox. Sol. 2: Oxidizing solids – Category 2

Acute Tox. 2: Acute toxicity – Category 2

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

· **\* Data compared to the previous version altered.**