

Safety data sheet

according to 1907/2006/EC, Article 31

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Printing date: 26.02.2024

Revision: 26.02.2024

Version number 1.0

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

1.1 Product identifier

Identification of the substance/preparation: Vorwaschspray mit OXI-Kraft

UFI: QYW0-5HHU-DECA-09ME

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the mixture Detergents

Uses advised against No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Company/undertaking identification:

ORO-Produkte Marketing International GmbH

Im Hengstfeld 47

D-32657 Lemgo

phone +49 (0)5261 28893-0

fax +49 (0)5261 28893-48

Further information obtainable from:

Quality Assurance Department

E-mail: info@oro-marketing.de, www.oro-marketing.de

1.4 Emergency telephone number:

Tel. +49 (0)5261 28893-0 (during office hours, Mon-Fri 8 a.m. - 4 p.m.)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

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 GHS05

Signal word Danger

Hazard-determining components of labelling:

Isotridecanol, ethoxylated (>5-20EO)

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P280 Wear eye protection / face 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.

P310 Immediately call a POISON CENTER/doctor.

P501 Dispose of contents and container to problem waste disposal.

Additional information:

Regulation (EC) No 648/2004 on detergents / Labelling for contents

non-ionic surfactants	≥5 - <15%
oxygen-based bleaching agents, anionic surfactants, phosphonates	<5%

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2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 9043-30-5 Polymer	Isotridecanol, ethoxylated (>5-20EO) ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302	3-5%
CAS: 7722-84-1 EINECS: 231-765-0 Reg.nr.: 01-2119485845-22	hydrogen peroxide ⚠ Ox. Liq. 1, H271; ⚠ Skin Corr. 1A, H314; Eye Dam. 1, H318; ⚠ 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: $C \geq 35 \%$	≥ 1 -<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

General information: If medical advice is needed, have product container or label at hand.

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

After skin contact: If skin irritation or rash occurs: Get medical advice/attention.

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.

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:

CO₂, powder or water spray. Fight larger fire with alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

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For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon oxides (COx)

Phosphorus oxides (e.g. P₂O₅)

Sulphur dioxide (SO₂)

Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Protective equipment: No special measures required.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with the eyes and skin.

Wear protective clothing.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

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

Do not eat, drink, smoke or sniff while working.

Observe information on the label and follow instructions for use.

Avoid contact with the eyes and skin.

Wear protective clothing.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store only in the original receptacle.

Information about storage in one common storage facility:

Observe the notes from TRGS 510 regarding joint storage of hazardous substances.

Further information about storage conditions: Store separately from food.

Storage class: 10

7.3 Specific end use(s) No further relevant information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit values:

CAS: 7722-84-1 hydrogen peroxide

AGW (Germany)	Long-term value: 0,71 mg/m ³ , 0,5 ppm 1(I);DFG, Y
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DNELs

CAS: 7722-84-1 hydrogen peroxide

Inhalative	Local effect, long-term exposure	0,21 mg/m ³ (General population) 1,4 mg/m ³ (Workers)
	Local effect, short-term exposure	1,93 mg/m ³ (General population) 3 mg/m ³ (Workers)

PNECs

CAS: 7722-84-1 hydrogen peroxide

Water	0,0126 mg/l (Fresh water) 0,0126 mg/l (Marine water)
Sewage treatment plant (STP)	4,66 mg/l (Microorganisms)
Sediment	47 mg/kg dw (Fresh water) 47 mg/kg dw (Marine water)
Soil	0,0023 mg/kg soil dw (Soil)

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.

General protective and hygienic measures:

Do not eat, drink, smoke or sniff while working.

Wash hands before breaks and at the end of work.

Respiratory protection:

Use suitable respiratory protective device when high concentrations are present.

Hand protection

Avoid direct contact with the chemical/ the product/ the preparation by organisational measures.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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.

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.

Eye/face protection Safety goggles according to EN 166 (i.e. goggles with side shields)

Body protection: Not required.

Environmental exposure controls Follow instructions for use, dosage and waste disposal.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	>100 °C
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	>100 °C (Seta Flash Closed Cup)
Decomposition temperature:	Not determined.
pH at 20 °C	2-2,5
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	Not determined.
Relative density	Not determined.
Vapour density	Not determined.

9.2 Other information

Appearance:	
Form:	Liquid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Solvent content:	
Water:	91,4 %
Solids content:	0,2 %
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

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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 No decomposition if used and stored according to specifications.

Conditions to avoid: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

Reacts with alkali (lyes).

Reacts with reducing agents.

10.4 Conditions to avoid Protect from heat and direct sunlight.

10.5 Incompatible materials:

Reacts with alkali (lyes).

Strong reducing agents

Avoid contact with acid-sensitive materials.

10.6 Hazardous decomposition products:

Thermal decomposition:

Carbon oxides (COx)

Phosphorus oxides (e.g. P₂O₅)

Sulphur oxides (SOx)

Nitrogen oxides (NOx)

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:

CAS: 7722-84-1 hydrogen peroxide

Oral	LD50 ₅₀	<1.190 mg/kg/bw (Rat) Daten f. 35%
Dermal	LD ₅₀	>2.000 mg/kg/bw (Rabbit) Daten f. 35
Inhalative	LC ₅₀ /4h	>0,17 mg/l (Rat) Daten f. 50%

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Causes serious eye damage.

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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.

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

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 7722-84-1 hydrogen peroxide

EC₅₀/72h 2,4 mg/l (Daphnia magna)

General information: Not known to be hazardous to water.

12.2 Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

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

Behaviour in sewage processing plants:

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge. Before allowing large quantities to be fed into sewage plants, obtain the approval of the responsible authorities.

Other information:

General information:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow to reach ground water/water course. Do not allow undiluted product or large quantities of it to reach sewage system.

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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.

European waste catalogue

20 01 29* detergents containing hazardous substances

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID, IMDG, IATA Void

14.2 UN proper shipping name

ADR/RID, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR/RID, ADN, IMDG, IATA
Class Void

14.4 Packing group

ADR/RID, IMDG, IATA Void

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

UN "Model Regulation":

Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Labelling according to EC guidelines: .

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Regulation (EU) No 649/2012

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.

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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.

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.

Department issuing SDS:

Quality Assurance Department

E-mail: info@oro-marketing.de, www.oro-marketing.de

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)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

AGW: Arbeitsplatzgrenzwert (Workplace exposure limit)

DFG: Deutsche Forschungsgemeinschaft MAK- und BAT-Werte-Liste, Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, WILEY-VCH, Weinheim (German Research Foundation MAK and BAT values list, Senate Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area, WILEY-VCH, Weinheim)

Y: Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden (There is no need to fear fetal impairment if the occupational exposure limit value and the biological limit value (BGW) are complied with.)

EC50: effective concentration, 50 percent

OECD: Organization for Economic Co-operation and Development

ADN: Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IBC: Intermediate bulk container

MARPOL: Marine Pollution

Ox. Liq. 1: Oxidizing liquids – Category 1

Acute Tox. 4: Acute toxicity – Category 4

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

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Sources Safety data sheet for raw materials, eur-lex.europa.eu, echa.europa.eu