

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



SYSTEM OXY 20 L P/E/F/NL/D//GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

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

1.1 Product identifier

Trade name : SYSTEM OXY 20 L P/E/F/NL/D//GR/GB
UFI : VNAC-F0UH-D00Y-HP82

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

Use of the Substance/Mixture : Auxiliary washing mixture
Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Company : Tana Chemie GmbH
Rheinallee 96
55120 Mainz
Telephone : +49613196403
Telefax : +4961319642526
E-mail address : Produktsicherheit@werner-mertz.com
Responsible/issuing person
Contact person : Product development / product safety

1.4 Emergency telephone

EU: 112

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	H302: Harmful if swallowed.
Skin irritation, Category 2	H315: Causes skin irritation.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Acute toxicity, Category 4	H332: Harmful if inhaled.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



SYSTEM OXY 20 L P/E/F/NL/D/I/GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

Signal Word	:	Danger
Hazard Statements	:	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H332 Harmful if inhaled. H335 May cause respiratory irritation.
Precautionary Statements	:	P102 Keep out of reach of children. Prevention: P261 Avoid breathing spray. P280 Wear protective gloves/ eye protection/ face protection. Response: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P310 Immediately call a POISON CENTER/ doctor. Storage: P403 + P233 Store in a well-ventilated place. Keep container tightly closed. Disposal: P501 Dispose of container into the collection of recyclables only when it is completely empty.

Hazardous ingredients which must be listed on the label:
hydrogen peroxide

Safety data sheet available on request.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No.	Classification	Concentration
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SYSTEM OXY 20 L P/E/F/NL/D/I/GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

	EC-No. Index-No. Registration number		(% w/w)
hydrogen peroxide	7722-84-1 231-765-0 008-003-00-9 01-2119485845-22	Ox. Liq. 1; H271 Acute Tox. 4; H332 Acute Tox. 4; H302 Skin Corr. 1A; H314 STOT SE 3; H335 Eye Dam. 1; H318 Aquatic Chronic 3; H412 specific concentration limit Ox. Liq. 1; H271 ≥ 70 % Ox. Liq. 2; H272 50 - < 70 % Skin Corr. 1A; H314 ≥ 70 % Skin Corr. 1B; H314 50 - < 70 % Skin Irrit. 2; H315 35 - < 50 % Eye Dam. 1; H318 ≥ 8 % Eye Irrit. 2; H319 5 - < 8 % STOT SE 3; H335 ≥ 35 % Aquatic Chronic 3; H412 ≥ 63 % Acute toxicity estimate Acute oral toxicity: 500 mg/kg Acute inhalation toxicity (dust/mist): 3,0 - 4,3 mg/l Acute dermal toxicity: > 2.000 mg/kg	≥ 35 - < 50

SECTION 4: First aid measures

4.1 Description of first-aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this material safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.

SYSTEM OXY 20 L P/E/F/NL/D//GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

Wash off with soap and plenty of water.
If symptoms persist, call a physician.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
Protect unharmed eye.
Continue rinsing eyes during transport to hospital.

If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : corrosive effects
Irritation

Risks : Harmful if swallowed.
Causes skin irritation.
Causes serious eye damage.
May cause respiratory irritation.

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

SYSTEM OXY 20 L P/E/F/NL/D//GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

Ensure adequate ventilation.

6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water courses.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Neutralize with chalk, alkali solution or ammonia.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
To avoid spills during handling keep bottle on a metal tray.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke.
Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store at room temperature in the original container.

Further information on storage stability : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Auxiliary washing mixture

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Routes of exposure	Potential health effects	Value

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



SYSTEM OXY 20 L P/E/F/NL/D//GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

hydrogen peroxide, hydrogen peroxide (Equal to or > 52% by weight), hydrogen peroxide (Solution)	Workers	Inhalation	Acute local effects	3 mg/m3
	Workers	Inhalation	Long-term local effects	1,4 mg/m3
	Consumers	Inhalation	Acute local effects	1,93 mg/m3
	Consumers	Inhalation	Long-term local effects	0,21 mg/m3

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
hydrogen peroxide, hydrogen peroxide (Equal to or > 52% by weight), hydrogen peroxide (Solution)	Sea water	0,0126 mg/l
	Fresh water	0,0126 mg/l
	Soil	0,0023 mg/kg dry weight (d.w.)
	intermittent release	0,0138 mg/l
	STP	4,66 mg/l
	Fresh water sediment	0,047 mg/kg dry weight (d.w.)
	Sea sediment	0,047 mg/kg dry weight (d.w.)

8.2 Exposure controls

Personal protective equipment

Eye/face protection : If splashes are likely to occur, wear:
Tightly fitting safety goggles

Hand protection

Material : For prolonged or repeated contact use protective gloves.

It is suggested the usage of chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

As alternative, a different type of gloves might be used if,

SYSTEM OXY 20 L P/E/F/NL/D//GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

accordingly to the recommendations of the producer, guarantee the same level of protection.

Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection : not required under normal use

Respiratory protection : Not required; except in case of aerosol formation.

Recommended Filter type:

ABEK-P3-filter

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Color	: colorless
Odor	: odorless
Melting point/freezing point	: -33 °C
Boiling point/boiling range	: 108 °C at 1.013 hPa
Flammability (solid, gas)	: No data available
Flammability (liquids)	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Flash point	: does not flash
Ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: ca. 3, 100 % at 20 °C
Viscosity, dynamic	: 1,12 mPa.s at 20 °C
Viscosity, kinematic	: 0,98 mm ² /s at 20 °C

SYSTEM OXY 20 L P/E/F/NL/D//GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: log Pow: -1,57
Vapor pressure	: 31,99 hPa at 20 °C
Density	: ca. 1,133 g/cm ³ at 20 °C
Relative density	: No data available
Relative vapor density	: No data available
Particle characteristics	: No data available

9.2 Other information

Surface tension	: 74,5 mN/m, 20 °C
Evaporation rate	: No data available
Burning rate	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.
No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.
No decomposition if used as directed.

10.4 Conditions to avoid

Conditions to avoid : Heat.

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Our company is strongly against animal testing.
Our company does not place any orders for animal testing for the finished product or the ingredients.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



SYSTEM OXY 20 L P/E/F/NL/D//GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

However, as a result of EU legislation (REACH Regulation), the manufacturers of ingredients or EU importers are obliged to test ingredients with regard to their effects on human health and the environment before they are brought onto the market. Some of the tests made necessary by this took place decades ago.

Acute toxicity

Harmful if swallowed.

Product:

Acute oral toxicity : Acute toxicity estimate: 1.429 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapor
Method: Calculation method

Components:

hydrogen peroxide

7722-84-1:

Acute oral toxicity : LD50 (Rat): 1.193 - 1.270 mg/kg
LD50 (Rat): 418 - 445 mg/kg
Acute toxicity estimate: 500 mg/kg
Method: Converted acute toxicity point estimate

Acute inhalation toxicity : LC50 (Rat): 0,17 mg/l
Exposure time: 4 h
LC50 (Rat): 2 mg/l
Exposure time: 4 h
Acute toxicity estimate: 3,0 - 4,3 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Acute toxicity (other routes of administration) : (Mouse): 100 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks : May cause skin irritation and/or dermatitis.

Components:

hydrogen peroxide

7722-84-1:

Species : Rabbit
Result : Skin irritation

SYSTEM OXY 20 L P/E/F/NL/D//GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks : May cause irreversible eye damage.

Components:

hydrogen peroxide

7722-84-1:

Species : Rabbit
Result : Causes serious eye damage.

Respiratory or skin sensitization

Skin sensitization

Not classified due to lack of data.

Respiratory sensitization

Not classified due to lack of data.

Product:

Remarks : No data available

Components:

hydrogen peroxide

7722-84-1:

Result : Did not cause sensitization on laboratory animals.

Germ cell mutagenicity

Not classified due to lack of data.

Germ cell mutagenicity : Not Rated

Carcinogenicity

Not classified due to lack of data.

Carcinogenicity : Not Rated

Reproductive toxicity

Not classified due to lack of data.

Reproductive toxicity : Not Rated

STOT-single exposure

May cause respiratory irritation.

STOT-single exposure : The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT-repeated exposure

Not classified due to lack of data.

STOT-repeated exposure : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

SYSTEM OXY 20 L P/E/F/NL/D//GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

Repeated dose toxicity

Components:

hydrogen peroxide

7722-84-1:

Species : Rat
NOAEL : 2 mg/kg
Application Route : inhalation (vapor)
Exposure time : 28 d

Species : Mouse, male and female
NOAEL : 26 - 37 mg/kg
Application Route : Oral
Exposure time : 90 d

Aspiration toxicity

Not classified due to lack of data.

Aspiration toxicity : Not Rated

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks : No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

hydrogen peroxide, hydrogen peroxide (Equal to or > 52% by weight), hydrogen peroxide (Solution)

7722-84-1:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 16,4 mg/l
Exposure time: 96 h
Test Type: semi-static test

LC50 (Leuciscus idus (Golden orfe)): 35 mg/l
Exposure time: 24 h

LC50 (Oncorhynchus mykiss (rainbow trout)): 31 mg/l
Exposure time: 24 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 2,4 mg/l

SYSTEM OXY 20 L P/E/F/NL/D/I/GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

aquatic invertebrates	: Exposure time: 48 h Test Type: semi-static test EC50 (Daphnia magna (Water flea)): 7,7 mg/l Exposure time: 24 h EC50 (Daphnia pulex (Water flea)): 2,4 mg/l Exposure time: 48 h Test Type: semi-static test NOEC (Daphnia magna (Water flea)): 0,63 mg/l Exposure time: 21 h
Toxicity to algae/aquatic plants	: ErC50 (Skeletonema costatum (marine diatom)): 1,38 mg/l Exposure time: 72 h Test Type: Growth inhibition (Chlorella vulgaris (Fresh water algae)): 4,3 mg/l Exposure time: 72 h Test Type: Growth inhibition EC50 (Scenedesmus quadricauda (Green algae)): 27,5 - 43 mg/l Exposure time: 240 h NOEC (Skeletonema costatum (marine diatom)): 0,63 mg/l Exposure time: 72 h Test Type: static test IC50 (Chlorella vulgaris (Fresh water algae)): 2,5 mg/l Exposure time: 72 h NOEC (Chlorella vulgaris (Fresh water algae)): 0,1 mg/l Exposure time: 72 h
Toxicity to microorganisms	: EC10 (Pseudomonas putida): 11 mg/l Exposure time: 16 h EC50 (activated sludge): 466 mg/l Exposure time: 30 min Method: OECD Test Guideline 209 EC50 (activated sludge): > 1.000 mg/l Exposure time: 3 h Method: OECD Test Guideline 209
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEC: 0,63 mg/l Exposure time: 21 d Species: Daphnia magna (Water flea)

12.2 Persistence and degradability

Components:

hydrogen peroxide, hydrogen peroxide (Equal to or > 52% by weight), hydrogen peroxide (Solution)

7722-84-1:

Biodegradability	: Test Type: aerobic Inoculum: activated sludge Result: rapidly biodegradable Exposure time: < 2 min Test Type: aerobic
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SYSTEM OXY 20 L P/E/F/NL/D//GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

Inoculum: see user defined free text
Result: rapidly biodegradable
Exposure time: 0,3 - 5 d

Test Type: anaerobic
Inoculum: see user defined free text
Remarks: Not applicable

12.3 Bioaccumulative potential

Components:

hydrogen peroxide, hydrogen peroxide (Equal to or > 52% by weight), hydrogen peroxide (Solution)

7722-84-1:

Bioaccumulation : Remarks: Does not bioaccumulate.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
May cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
In accordance with local and national regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SYSTEM OXY 20 L P/E/F/NL/D//GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

Waste Code

European Waste Catalog

07 06 99

According to the European Waste Catalog, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport information

14.1 UN number or ID number

ADR : 2014
IMDG : 2014
IATA : 2014

14.2 UN proper shipping name

ADR : HYDROGEN PEROXIDE, AQUEOUS SOLUTION
IMDG : HYDROGEN PEROXIDE, AQUEOUS SOLUTION
IATA : Hydrogen peroxide, aqueous solution

14.3 Transport hazard class(es)

ADR : 5.1
IMDG : 5.1
IATA : 5.1

14.4 Packing group

ADR
Classification Code : OC1
Packaging group : II
Hazard Identification Number : 58
Labels : 5.1 (8)
Tunnel restriction code : (E)
IMDG
Packaging group : II
Labels : 5.1 (8)
EmS Number : F-H, S-Q
IATA
(Cargo) : Hydrogen peroxide, aqueous solution
Packaging group : II
Labels : 5.1 (8)

14.5 Environmental hazards

ADR
Environmentally hazardous : no

IMDG
Marine pollutant : no
IATA
Environmentally hazardous : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

For personal protection see section 8.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



SYSTEM OXY 20 L P/E/F/NL/D/I/GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

14.7 Maritime transport in bulk according to IMO instruments
Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : See Annex XVII to Regulation (EC) no 1907/2006 for Conditions of restriction

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable

TA Luft List (Germany) : Total dust: Not applicable
: Inorganic substances in powdered form: Not applicable
: Inorganic substances in vapor or gaseous form: Not applicable
: Organic Substances: Not applicable
: Carcinogenic substances: Not applicable
: mutagenic: Not applicable
: Toxic to reproduction: Not applicable

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)
Update: Percent volatile: 35 %

according to Detergents Regulation EC 648/2004 : $\geq 30\%$ oxygen-based bleaching agents

Other regulations : Acquisition, introduction, possession or use of this product by the general public is restricted by Regulation (EU) 2019/1148. All suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.
Please see:
https://ec.europa.eu/home-affairs/sites/homeaffairs/files/what-we-do/policies/crisis-and-terrorism/explosives/explosives-precursors/docs/list_of_competent_authorities_and_national_contact_points_en.pdf.

15.2 Chemical Safety Assessment

SECTION 16: Other information

Full text of H-Statements

H271 : May cause fire or explosion; strong oxidizer.
H302 : Harmful if swallowed.
H314 : Causes severe skin burns and eye damage.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended



SYSTEM OXY 20 L P/E/F/NL/D/I/GR/GB

WM 1113267

Order number: 0713267

Version 2.0

Revision Date 02.09.2026

Print Date 09.09.2026

H318	:	Causes serious eye damage.
H332	:	Harmful if inhaled.
H335	:	May cause respiratory irritation.
H412	:	Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Dam.	:	Serious eye damage
Ox. Liq.	:	Oxidizing liquids
Skin Corr.	:	Skin corrosion
STOT SE	:	Specific target organ toxicity - single exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixture:

Acute Tox. 4	H302
Skin Irrit. 2	H315
Eye Dam. 1	H318
STOT SE 3	H335
Acute Tox. 4	H332

Classification procedure:

Calculation method
Calculation method
Calculation method
Calculation method
Calculation method

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according to Regulation (EC) No. 1907/2006, as amended



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