



## SAFETY DATA SHEET

According to Regulations 1907/2006/EC and 1272/2008 (CLP) and Regulation (EU) 2020/878 of 18 June 2020

Date of issue:  
**03. 01. 2017.**

Edition: **03**  
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Page **1** to **10**

## MY OCEAN OXYGEN

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR THE MIXTURE AND OF THE COMPANY/ UNDERTAKING

#### 1.1 Product identifiers

MY OCEAN OXYGEN

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

##### Identified uses

Liquid oxygen bleach.

It is used in the food, textile, pharmaceutical and chemical industries and most of all as a cleaning agent and brightener of cotton and other fabrics, in the cleaning of leathers, in the production of paper; it widely uses in medicine and cosmetics.

Only for industrial use.

Product code: please contact sales department

UFI: K1S2-W0VP-D00Q-MMYC

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

Company: Ocean Service Ltd.  
Address: 1 "Pordp. Dimitar Filov" Str , Stara Zagora,  
Bulgaria

Phone: (+359 2) 857 00 20  
(+359 897) 883 436

e-mail: Office@oceanservice  
Internet: www.oceanservice.bg

Contact person: Nina Georgieva  
email of the person in charge person/issuer: ninadiamandieva75@gmail.com

#### 1.4 Emergency telephone number

National Toxicology Information Center,  
General Hospital for Active treatment and  
emergency medicine "N.I. Pirogov": Emergency  
telephone / fax: +359 2 9154 233 E-mail:  
poison\_centre@mail.orbitel.bg  
http://www.pirogov.bg Access restrictions: no  
access restrictions 24 hours a day

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification in according to Regulation (EU) No. 1272/2008

H302 Harmful if swallowed

H318 Causes serious eye damage

H412 Harmful to aquatic life with long-lasting effects

For the full text of the H- Statements mentioned in this Section, see Section 16

#### 2.2 Label elements

Labelling in according Regulation (EU) No. 1272/2008

Pictogram

**MY OCEAN OXYGEN**

GHS05

GHS07

Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed

H318

Causes serious eye damage

H412

Harmful to aquatic life with long-lasting effects

Precautionary statement(s)

P264

Wash your hands thoroughly after handling

P270

Do not eat, drink or smoke when using this product.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing/ 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

Supplemental Hazard

No

Statements

**2.3 Other hazards**

A substance/mixture containing 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.

Environmental information:

The substance/mixture does not contain components that are considered to have the properties to destroy the endocrine system according to Article 57 (f) of the Regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) or Delegated Regulation (EU) 2017/2100 of the Commission, or Regulation (EU) 2018/605 of Commission at levels of 0.1% or higher.

Toxicological information:

The substance/mixture does not contain components that are considered to have the properties to destroy the endocrine system according to Article 57 (f) of the Regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) or Delegated Regulation (EU) 2017/2100 of the Commission, or Regulation (EU) 2018/605 of Commission at levels of 0.1% or higher.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures** - Does not contain substances in nanoforms

The preparation is based on the substances listed below

**Hazardous ingredients in accordance with Regulation (EC) No 1272/2008**

## MY OCEAN OXYGEN

Component	Classification	Concentration
<b>Hydrogen peroxide</b>		
CAS No      7722-84-1 EC-No        231-765-0	Ox. Liq.1; Acute Tox.4; Skin Corr.1A; Eye Dam.1; STOT SE3; Aquatic Chronic3; H271, H302, H332, H314, H318, H335, H412 Limit concentrations: >= 70 %: Ox. Liq.1, H271; 50 -< 70 %: Ox. Liq.2, H272; >= 70 %: Skin Corr.1A, H314; 50 -< 70 %: Skin Corr.1B, H314; 35 -< 50 %: Skin Irrit.2, H315; 8 -< 50 %: Eye Dam.1, H318; 5 -< 8 %: Eye Irrit.2, H319; >= 35 %: STOT SE3, H335	>=30-<60%

For the full text of the H-Statements mentioned in this Section, see Section 16.

### Section 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures



##### **General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

##### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

##### **In case of skin contact**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

##### **In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

##### **If swallowed**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

#### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

#### 4.3 Instructions for the need of any urgent medical care and special treatment

Symptomatic treatments

**MY OCEAN OXYGEN****SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 features which derive from the substance or mixture**

Nature of decomposition products not known.

**5.3 Tips for firefighters.**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Additional Information**

Use water spray to cool unopened containers.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas. For personal protection see section 8.

**6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**6.3 Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**6.4 Reference to other Sections**

For disposal see section 13

**Section 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Avoid inhalation of vapour or mist.

For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities**

Store only in the original package.

Keep away from beverages and food for human and animal consumption.

**7.3 Specific end use(s)**

There is not specific use

**Section 8: EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT****8.1 Control parameters**

Does not contain substances for which there are standards for workplace availability.

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**Revised on: 11/24/2023**

**Page 5 to 10**

### MY OCEAN OXYGEN

#### **DNEL-/DMEL**

CAS No	Chemical Agent			
DNEL		Route of exposure	Effect	Value
7722-84-1	Hydrogen peroxide			
Worker DNEL, long-term		inhaled	local	3.0 mg/m <sup>3</sup>
User DNEL, long-term				3.0 mg/m <sup>3</sup>

#### **PNEC**

CAS No	Chemical Agent	Value
Components of the environment		
7681-52-9	Sodium hypochlorite	
Water		0,0126 mg/cm <sup>3</sup>
Air		0,0138 mg/cm <sup>3</sup>
Sea water		0,0126 mg/cm <sup>3</sup>

#### **8.2 Exposure Control**

##### **Appropriate engineering controls**

Operate in accordance with the rules for industrial hygiene and equipment for safety. Wash hands before breaks and at the end of the working day.

##### **Personal protective equipment**

###### **Eye/face protection**



Snug-fitting protective goggles use equipment to protect eyes, tested and approved.

###### **Skin protection**



Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Splash contact

Material: Nitrile rubber

**MY OCEAN OXYGEN**

Minimum layer thickness:0.11 mm

Break through time: 480 min

**Respiratory Protection.**

Where risk assessment shows air-purifying respirators are appropriate use (US) or type ABEK (EN 14387) respirator cartridges as a backup to enginee protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

Prevent subsequent leaks or spills, if it is safe to do so. Do not allow the expiry of the product into sewers. To avoid discharging into the environment.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

a) Appearance	Form: liquid
b) Odour	Color: colorless
c) Odour Threshold	acute
d) pH (20°C) 1 % solution	No Information
e) Melting point/freezing point	1.0-4.0
f) Initial boiling point and boiling range	-26°C
g) Flash point	107 - 115°C
h) Evaporation rate	No Information
i) Flammability (solid, gas)	No Information
j) Upper/lower flammability or explosive limits	No Information
k) Vapor pressure	No Information
l) Vapour density	No Information
m) Relative density	1.20-1.24 g/cm <sup>3</sup> at 25 °C
n) Water solubility	Completely soluble
o) Partition coefficient: n-octanol/water	No Information
p) Auto-ignition temperature	No Information
q) Decomposition temperature	No Information
r) Viscosity	No Information
s) Explosive properties	No Information
t) Oxidizing properties	No Information

**9.2 Other safety information**

No data available

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**



## SAFETY DATA SHEET

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Edition: 03  
Replaces revision 02  
Revised on: 11/24/2023

Page 7 to 10

### MY OCEAN OXYGEN

A very strong oxidant and is involved in a number of oxidation reactions, as well as a weak acid in aqueous solution. It decomposes to oxygen and water under heating under the influence of ultraviolet rays, as well as in the presence of transition metal ions.

#### **10.2 Chemical stability**

Stable under recommended storage conditions.

#### **10.3 Possibility of hazardous reactions**

No information

#### **10.4 Conditions to avoid**

Light and heat / heat sources. Easily decomposes partly from direct sunlight

#### **10.5 Incompatible materials**

Zinc, Powder Metals, Iron, Copper, Nickel, Brass, Iron and Iron Salts, Tidal Oxidants

#### **10.6 Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions - Origin of decomposition of products - Unknown

In case of fire: see section 5

### SECTION 11: TOXICOLOGICAL INFORMATION

#### **11.1 Information on toxicological effects**

##### **Acute toxicity**

CAS No	Chemical agent				
	Route of exposure	Dose	Biological species	Source	Method
7722-84-1	Hydrogen peroxide				
	Oral	LD50 841 mg/kg	Rat		
	Dermal	LD50 2000 mg/kg	Rabbit		

##### **Skin corrosion/irritation**

No Information

##### **Serious eye damage/eye irritation**

No Information

##### **Respiratory or skin sensitisation**

No Information

##### **Germ cell mutagenicity**

No Information

##### **Carcinogenicity**

IARC: None of the components of this product with a percentage content greater than or equal to 0.1% has not been identified by the IARC as a likely, suspected or confirmed human carcinogen

##### **Reproductive toxicity**

No Information

##### **Specific target organ toxicity -single exposure**

No Information

##### **Specific target organ toxicity -repeated exposure**

No Information

##### **Aspiration hazard**

## MY OCEAN OXYGEN

No Information

### **Additional Information**

No Information

## SECTION 12: ECOLOGICAL INFORMATION

### **12.1 Toxicity**

acc. 1272/2008 / EC: Not to be classified as dangerous for the aquatic environment.

#### **Toxicity to aquatic environment (acute)**

Aquatic toxicity (acute) of the components of the mixture

CAS No	Chemical agent					
	Aquatic toxicity	Dose	[H] [d]	Species	Source	Method
7681-52-9	Sodium hypochlorite					
	Acute toxicity to fish	LC50 16,4mg/l	96 h	Pimephalespro melas	OECD	203
	Acute toxicity to algae	LC50 1,38mg/l	72 h	Algae	OECD	202

### **12.2 Persistence and degradability**

Methods for determining the degree of degradation are not applicable to inorganic substances.

### **12.3 Bioaccumulative potential**

No Information

### **12.4 Mobility in soil**

No data available

### **12.5 Results of PBT and vPvB assessment**

No Information

### **12.6. Properties that disrupt the functions of the endocrine system**

There are no known adverse effects on the environment caused by substances, possessing properties that disrupt the functions of the endocrine system.

### **12.7. Other adverse effects**

No information

## SECTION 13: DISPOSAL CONSIDERATIONS



### **13.1 Waste treatment methods**

#### **Product**

Offer surplus and non-recyclable solutions to a licensed disposal company

#### **Contaminated packaging**

Dispose of as unused product.

## SECTION 14: TRANSPORT INFORMATION





## SAFETY DATA SHEET

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Revised on: **11/24/2023**

Page **9** to **10**

## MY OCEAN OXYGEN

### 14.1 UN number

ADR/RID: 2014

IMDG: 2014

IATA: 2014

### 14.2 UN proper shipping name

ADR/RID: HYDROGEN PEROXIDE, AQUEOUS SOLUTION

IMDG: HYDROGEN PEROXIDE, AQUEOUS SOLUTION

IATA: Hydrogen peroxide, aqueous solution

### 14.3 Transport hazard class(es)

ADR/RID: 5.1(8)

IMDG: 5.1(8)

IATA: 5.1(8)

### 14.4 Packaging group

ADR/RID: II

IMDG: II

IATA: II

### 14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: yes

IATA: no

### 14.6 Special precautions for user

No Information

## SECTION 15: REGULATORY INFORMATION

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

This safety data sheet meet the requirements of Regulation (EU) No. 1907/2006.

### 15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

## SECTION 16: OTHER INFORMATION

### Full text of H-Statements referred to under sections 2 and 3.

H271	May cause fire or explosion; strong oxidizer
H272	May intensify fire; oxidizer
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
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P306+360	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.



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**Revised on: 11/24/2023**

**Page 10 to 10**

## **MY OCEAN OXYGEN**

P304+340

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing.

The above information shall be deemed to be true, but does not claim to be comprehensive and must be used only as a guide. Information in this document is based on our current knowledge and is applicable to the product as regards the containment measures for safety.