



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**
Replaces revision **02**
Revised on: **11/24/2023**

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MY OCEAN CHLORINE

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

1.1 Product identifiers

MY OCEAN CHLORINE

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

Identified uses

Bleaching preparation for use in industrial laundries.

Preparation for professional use.

Product code: please contact sales department

UFI: 7Y00-A0V8-V009-3AGE

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: ninadmandieva75@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

H314 Causes severe skin burns and eye damage

H400 Very toxic to aquatic life

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

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GHS05

GHS07

Signal word	Danger
Hazard statement(s)	
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.
Precautionary statement(s)	
P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P310	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
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	EUH031 Contact with acids liberates toxic gas.

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.

MY OCEAN CHLORINE**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

Component	Classification	Concentration
Sodium hypochlorite		
CAS-No. 7681-52-9	Skin Corr.1B; Aquatic Acute1; H314, H400 Concentration limits: >= 5 %, EUH031;M-Factor-Aquatic Acute:10	<30% (<3% active chlorine)
EC-No 231-668-3		
Index-No. 017-011-00-1		

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

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**



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Suitable extinguishing media

Dry powder, Dry sand

5.2 features which derive from the substance or mixture

Hydrogen chloride gas, Sodium oxides

5.3 Tips for firefighters.

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Additional Information

No Information

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.

DNEL-/DMEL

CAS No

Chemical Agent

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DNEL		Route of exposure	Effect	Value
7681-52-9	Sodium hypochlorite			
Worker DNEL, long-term		inhaled	local	3.1 mg/m ³
User DNEL, long-term				3.1 mg/m ³

PNEC

CAS No	Chemical Agent	Value
Components of the environment		
7681-52-9	Sodium hypochlorite	
Water		0,21 µg/l
Purification Station (STP)		4,69 mg/l
Sea water		0,042 µg/l

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

Minimum layer thickness: 0.11 mm

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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: yellow
c) Odour Threshold	acute
d) pH (20°C) 1 % solution	No Information
e) Melting point/freezing point	12.0-13.0
f) Initial boiling point and boiling range	-16°C
g) Flash point	100°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	1.13-1.21 g/cm ³ 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	6.2 – 6.6 mPa.s, at 20°C
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**

None, in case of proper use



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10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No information

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.-Hydrogen chloride gas, Sodium oxides

Other decomposition products-No data available

In the event of fire: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

On the basis of the available data have not been met the criteria for classification

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

No Information

Additional Information

No Information

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Very toxic to aquatic organisms.

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Toxicity to aquatic environment (acute)

Very toxic to aquatic organisms.

CAS No	Chemical agent					
	Aquatic toxicity	Dose	[H] [d]	Species	Source	Method
7681-52-9	Sodium hypochlorite					
	Acute toxicity to invertebrates	LC50 141 µg/l	48 h	Leuciscus idus melanotus	OECD	203
	Acute toxicity to algae	LC50 0,0365 mg/l	72 h	Algae	OECD	202

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No Information

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Substance / mixture not containing components that are 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. 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

14.1 UN number

ADR/RID: 1791

IMDG: 1791

IATA: 1791

14.2 UN proper shipping name

ADR/RID:

HYPOCHLORITE SOLUTION

IMDG:

HYPOCHLORITE SOLUTION



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IATA:	Hypochlorite solution		
14.3 Transport hazard class(es)			
ADR/RID: 8	IMDG: 8	IATA: 8	
14.4 Packaging group			
ADR/RID: III	IMDG: III	IATA: III	
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.

EUH031	Contact with acids liberates toxic gas
H314	Causes severe skin burns and eye damage
H400	Very toxic to aquatic life
P260	Do not breathe dust/fumes/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338	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/
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.