



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 EXTREME

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

1.1 Product identifiers

MY OCEAN EXTREME - concentrated alkaline detergent for brushless cleaning

Product code: please contact sales department

UFI: UC00-T01G-Q00T-FXDY

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

Identified uses

Alkaline preparation for brushless cleaning and degreasing of vehicles, machinery, equipment and premises in the industry.

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

Corrosive to metals (category 1), H290

Skin corrosion (category 1A), H314

Causes serious eye damage (category 1), H318

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 EXTREME



GHS05

GHS07

Signal word

Danger

Hazard statement(s)

H290

May be corrosive to metals.

H314

Causes severe skin burns and eye damage

H318

Causes serious eye damage

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P280

Wear protective gloves/ protective clothing/ eye protection/ face

P303+P361+P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

Supplemental Hazard Statements

none

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

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3.2 Mixtures

Does not contain substances in nanoforms

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

Component	Classification	Concentration
Sodium hydroxide		
CAS No 1310-73-2 The EU No 215-185-5 REACH No 01-2119457892-27-0065	Met. Corr.1; Skin Corr.1A; H290, H314 Concentration limits: >= 5 %: Skin Corr.1A, H314; 2 - < 5 %: Skin Corr.1B, H314;0,5 - < 2 %: Skin Irrit.2, H315;0,5 - < 2 %: Eye Irrit.2, H319;>= 1 %: met. Corr.1, H290;	1-5%
1-Hydroxyethylidenediphosphonic acid		
CAS No 2809-21-4 The EU No 220-552-8	Met. Corr.1; Acute Tox.4; Eye Dam.1; H290, H302, H318	5-15%
Alcohols, C13-15, ethoxylated		
CAS No 64425-86-1	Acute Tox.4; Eye Dam.1; Aquatic Eventually 3 H302, H318, H400	5-15%

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

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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



Suitable extinguishing media

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

5.2 features which derive from the substance or mixture

No Information

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

To take measures to prevent the introduction of the mixture in the soil, water, and release in the sewer. In the case of an accident and/or leakage of the mixture, measures to be taken for its localization and restriction and the amount collected from the preparation to be stored temporarily in special fitting and marked containers, then to be transmitted to persons holding an authorisation under the Waste Act

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

To be used only for the intended purpose. Do not eat, drink and smoke during operation



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For safety precautions see section 2.2

7.2 Conditions for safe storage, including any incompatibilities

To be stored in a well-ventilated and dry spaces below the key in well-closed original packaging at room temperature (5-25C°). To keep away from sources of ignition and heat. To be stored separately from food and drinks.

7.3 Specific end use(s)

There is not specific use

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT

8.1 Control parameters

Limit values of the chemical agents in the air of the working environment

CAS No	Chemical agent	Ppm	mg/m ³	Category
1310-73-2	Sodium hydroxide	-	2	(8 hours)
		-	-	(15 minutes)
2809-21-4	1-Hydroxyethylidenediphosphonic acid	No Information		(8 hours)
				(15 minutes)
64425-86-1	Alcohols, C13-15, ethoxylated	No Information		(8 hours)
				(15 minutes)

DNEL-/DMEL-values

CAS No	Chemical agent			
DNEL type		Route of exposure	Effect	Value
1310-73-2	Sodium hydroxide			
Worker DNEL, long-term		inhalation		1 mg/m ³
User DNEL, long-term		inhalation		1 mg/m ³
Worker DNEL, long-term		Oral	Local	No Data Available
User DNEL, long-term		Oral	Local	No Data Available
Worker DNEL, long-term		dermal	Local	No Data Available
User DNEL, long-term		dermal	Local	No Data Available
2809-21-4	1-Hydroxyethylidenediphosphonic acid			
Worker DNEL, long-term		inhalation	Local	0.9 mg/m ³
User DNEL, long-term		inhalation	Local	0.9 mg/m ³
Worker DNEL, long-term		Oral	Local	No Data Available
User DNEL, long-term		Oral	Local	No Data Available

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CAS No	Chemical agent			
DNEL type		Route of exposure	Effect	Value
Worker DNEL, long-term		dermal	Local	No Data Available
User DNEL, long-term		dermal	Local	No Data Available
64425-86-1	Alcohols, C13-15, ethoxylated			
Worker DNEL, long-term		inhalation	Local	No Data Available
User DNEL, long-term		inhalation	Local	No Data Available
Worker DNEL, long-term		Oral	Local	No Data Available
User DNEL, long-term		Oral	Local	No Data Available
Worker DNEL, long-term		dermal	Local	No Data Available
User DNEL, long-term		dermal	Local	No Data Available

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

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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
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 engine 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 Color: light brown
b) Odour	Specific
c) Odour Threshold	No Information
d) pH (20°C) 1 % solution	10,50-11,00
e) Melting point/freezing point	0°
f) Initial boiling point and boiling range	100°C
g) Flash point	> 62 °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	1.10 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	No Information
s) Explosive properties	No Information



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t) Oxidizing properties

No Information

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No, in the case of proper use

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No, in the case of proper use

10.4 Conditions to avoid

No Information

10.5 Incompatible materials

Flammable substances, strong oxidizing agents and strong acids and metals.

10.6 Hazardous decomposition products

Dangerous products of degradation, formed under conditions of fire - Sodium oxides.

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

CAS No	Chemical agent				
	Route of exposure	Dose	Species	Source	Method
1310-73-2	Sodium hydroxide				
	Oral	LD50 250 mg/kg	Rabbit		
2809-21-4	1-Hydroxyethylidenediphosphonic acid				
	Oral	LD50 2000 mg/kg	Rabbit		
	Dermal	LD50 >8000 mg/kg	Rabbit		
64425-86-1	Alcohols, C13-15, ethoxylated				
	Oral	LD50 1200mg/kg	Rat		
	Dermal	LD50 8000mg/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

No Information



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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

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

The information presented is based on the knowledge of the constituent substances and ecology of similar products. Ecotoxicological properties of the product are not tested. The product is classified under the conventional method. The product is not classified as dangerous for the environment.

CAS No	Chemical agent					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
1310-73-2	Sodium hydroxide					
	Acute toxicity for fish	LC50 125mg/l	96 h	Gambusia affinis	SDB Lieferant	
	Acute toxicity for crustaceans	EC50 40.4 mg/l	48 h	Ceriodaphnia	ECHA	
2809-21-4	1-Hydroxyethylidenediphosphonic acid					
	Acute toxicity for fish	LC50 368 mg/l	96 h	Gambusia affinis	SDB Lieferant	
	Acute toxicity for crustaceans	EC50 3 mg/l	48 h	Daphnia magna	ECHA	

12.2 Persistence and degradability

The product is stable in air. Easily biodegradable. Surfactants shall be classified as readily biodegradable.

12.3 Bioaccumulative potential

On the basis of the data available on the possibility of eliminating/degradation and bioaccumulation is not likely to contaminate the environment in the long term.

12.4 Mobility in soil

No data available

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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. 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: 1824

IMDG: 1824

IATA: 1824

14.2 UN proper shipping name

ADR/RID: SODIUM HYDROXIDE SOLUTION

IMDG: SODIUM HYDROXIDE SOLUTION

IATA: Sodium hydroxide solution

14.3 Transport hazard class(es)

ADR/RID: 8

IMDG: 8

IATA: 8

14.4 Packaging group

The ADR/RID: II

IMDG: II

IATA: II

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

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 datasheet complies with the requirements of Regulation (EC) No. 1907/2006

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION



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

H290	May be Corrosive to metals.
H302	Harmful if swallowed
H312	May be harmful in contact with skin
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life
P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P280	Wear protective gloves/ protective clothing/ eye protection/ face
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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

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.