



**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 ALCAL**

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

**1.1 Product identifiers**

**MY OCEAN ALCAL**

UFI: UDS2-X0N8-M00Q-809M

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

**Identified uses**

Alkaline laundry detergent.

Preparation for professional use.

Product code: please contact sales department

**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**

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

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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### MY OCEAN ALCAL



GHS05

GHS07

Signal word

Dangerous

Hazard statement(s)

H314

Causes severe skin burns and eye damage

H318

Causes serious eye damage

Precautionary statement(s)

P260

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

P270

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

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 + 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

It contains a strong inorganic base. Reacts violently with acids

### 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



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Commission at levels of 0.1% or higher.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixtures** -The preparation is based on the substances listed below

Does not contain substances in nanoforms

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

Component	Classification	Concentration
<b>Sodium hydroxide</b>		
CAS No 1310-73-2 EC-No 215-185-5 REACH No 01-2119457892-27-0065	Met. Corr.1; Skin Corr.1A; H290, H314 : Limit concentrations >= 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;	15-30%
<b>1-Hydroxyethylidenediphosphonic acid</b>		
CAS No 2809-21-4 EC No 220-552-8	Met. Corr.1; Acute Tox.4; Eye Dam.1; H290, H302, H318	1-5%
<b>Potassium Hydroxide</b>		
CAS No 1310-58-3	H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage.	1-5%

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.



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**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**



**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**

Do not let product enter drains.

**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



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**Section 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Use only as intended. Do not eat, drink or smoke at work

**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**

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

CAS No	Chemical agent	ppm	mg/m <sup>3</sup>	Category
1310-73-2	Sodium hydroxide	-	2	(8 h)
		-	-	(15 min)

**DNEL-/DMEL**

CAS No	Chemical agent			
DNEL		Route of exposure	Effect	Value
1310-73-2	Sodium hydroxide			
Worker DNEL, long-term		inhaled	local	1 mg/m <sup>3</sup>
User DNEL, long-term		inhaled	local	1 mg/m <sup>3</sup>

**PNEC**

CAS No	Chemical agent		Value
Components of the environment			
1310-73-2	Sodium hydroxide		
Water			Not applicable
Water (periodic discharge)			
Sea water			
Freshwater sediment			
Soil			

**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.



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**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

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**



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a) Appearance	Form: liquid
b) Odour	Color: colorless
c) Odour Threshold	Specific
d) pH (20°C) 1 % solution	No Information
e) Melting point/freezing point	12.5-13.5
f) Initial boiling point and boiling range	0°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	No Information
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**

None, in case of proper use

**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 oxidizers

**10.6 Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions. - Sodium oxides.

In the event of fire: see section 5

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

Acute toxicity



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CAS No	Chemical agent				
	Route of exposure	Dose	Biological species	Source	Method
1310-73-2	Sodium hydroxide				
	Oral	LD50 250 mg/kg	Rabbit		
	Dermal	LD50 250 mg/kg	Rat		
2809-21-4	1-Hydroxyethylidenediphosphonic acid				
	Oral	LD50 2400 mg/kg	Rat	OECD	401

**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**

When properly low concentrations are released in adapted biological treatment plants, no biodegradation of the active sludge is expected.

**Toxicity to aquatic environment (acute)**

CAS No	Chemical agent					
	Aquatic toxicity	Dose	[H] [d]	Species	Source	Method
1310-73-2	Sodium hydroxide					





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CAS No	Chemical agent					
	Aquatic toxicity	Dose	[H] [d]	Species	Source	Method
	Acute toxicity to fish	LC50 125mg/l	96 h	Gambusia affinis	SDB Lieferant	
	Acute toxicity to crustaceans	EC50 40,4 mg/l	48 h	Ceriodaphnia	ECHA	

**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.

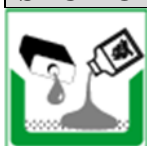
**12.6. Properties that disrupt the functions of the endocrine system**

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: 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)**



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ADR/RID: 8

IMDG: 8

IATA:8

**14.4 Packaging group**

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 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.**

H290	May be corrosive to metals
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
Precautionary statement(s)	
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 + 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.