



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 RFM

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

1.1 Product identifiers

MY OCEAN RFM - an alkaline detergent for degreasing machinery, equipment and premises in industry and transport

Product code: please contact sales department

UFI: 7Y00-A0V8-V009-3AGE

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

Identified uses

Degreasing machinery, equipment, vehicles and premises in industry.

Preparation for professional use. 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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	GHS05	GHS07
Signal word	Danger	
Hazard statement(s)	Causes severe skin burns and eye damage	
H314		
Precautionary statement(s)	May be corrosive to metals	
H290	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.	
P303+P361+P353	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
P305+P351+P338	Immediately call a POISON CENTER/doctor	
P310	Do not breathe dust/fumes/gas/mist/vapours/spray.	
P260	Wear protective gloves/protective clothing/eye protection/face protection.	
P280		
Supplemental Hazard	It contains a strong inorganic base. It reacts violently with acids.	

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

Component	Classification	Concentration
Sodium hydroxide		

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Component	Classification	Concentration
CAS No 1310-73-2 EC-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;	15-30%
Polyethylene glycol dodecyl ether		
CAS No 9002-92-0	Acute Tox.4; Skin Irrit.2; Eye Dam.1; H302, H315, H318	5-15%
Ethylenediaminetetraacetic acid tetrasodium salt		
CAS No 64-02-8 EC-No 200-573-9	Acute Tox.4; Eye Dam.1; STOT RE2; H302, H332, H318, H373	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

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 the label descriptions (section 2.2) and / or section 11

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

Symptomatic treatments

MY OCEAN RFM**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 individual protective equipment

6.2 Environmental precautions

Take precautions to prevent the mixture from entering the soil, water, and drains into sewers. In the event of an accident and / or spillage of the mixture, measures should be taken to locate and mitigate it, and the accumulated quantity of the preparation should be temporarily stored in specially sealed and marked containers and then handed over to persons authorized to do so the order of the Waste Management 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**

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

For precautions refer to 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

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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 h)
		-	-	(15 min)

DNEL-/DMEL- values

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

PNEC – values

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

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

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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 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
b) Odour	Color: brown
c) Odour Threshold	Specific
d) pH (20°C) 1 % solution	No Information
e) Melting point/freezing point	12.00-13.00
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	1.10 g/cm ³ at 25 °C
n) Water solubility	Completely soluble
o) Partition coefficient: n-octanol/water	No Information



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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 information

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 Information

10.5 Incompatible materials

Strong oxidizers

10.6 Hazardous decomposition products

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

In case 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		
	Dermal	LD50 1500mg/kg	Rat		
64-02-8	EDTA tetrasodium salt				
	Oral	LD50 1.260 mg/kg	Rat	ECHA	

Skin corrosion/irritation

No Information

Serious eye damage/eye irritation

No Information

Respiratory or skin sensitisation

No Information

Germ cell mutagenicity



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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

RTECS: There is no information on burning, coughing, wheezing, laryngitis, shortness of breath, spasm, loss of appetite and laryngeal edema, spasm, bronchitis recurrence and edema, pneumonitis, pulmonary edema. The material is extremely destructive to the tissues of mucous membranes and upper respiratory tract, eyes and skin. The best and familiar chemical, physical and toxicological properties have not been studied in depth.

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					
	Toxic to fish	LC50 125mg/l	96 h	Gambusia affinis	SDB Lieferant	
	Acute toxicity to crustaceans	EC50 40,4 mg/l	48 h	Ceriodaphnia	ECHA	
64-02-8	EDTA tetrasodium salt					
	Toxic to fish	LC50 100 mg/l	96 h	Lepomis macrochirus		

12.2 Persistence and degradability

No Information

12.3 Bioaccumulative potential

No Information

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

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Not applicable

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

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.



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H302	Harmful if swallowed
H312	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.
H332	Harmful if inhaled
H373	May cause damage to organs through prolonged or repeated exposure
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
P234	Keep only in original container.

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.