



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

1.1 Product identifiers

MY OCEAN FL 110 - Preparation for manual and machine cleaning of any of floor surfaces.

Product code: please contact sales department

UFI: CM00-A03P-N009-FY55

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

Identified uses

Slightly sparkling, alkaline preparation for manual and machine cleaning of heavily soiled solid floor coverings, such as terracotta, granite, ground concrete, mosaic, natural cladding, etc. coatings

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

May be corrosive to metals; H290

Causes severe skin burns and eye damage(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

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GHS05

GHS07

Signal word

H314

Precautionary statement(s)

P260

Dangerous

Causes severe skin burns and eye damage

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

P301 +P330 + P331

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.

P310

Immediately call a POISON
CENTER/doctor/

P280

Wear protective gloves/protective
clothing/eye protection/face
protection.

P270

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

P264

Wash your hands thoroughly after
handling.

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



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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		
CAS No 1310-73-2 EC No 215-185-5 REACH 01-2119457892-27-0065	Met. Corr.1; Skin Corr.1A; H290, H314 Предельни концентрации: >= 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 EC No 220-552-8	Met. Corr.1; Acute Tox.4; Eye Dam.1; H290, H302, H318	1-5%
Alcohols, C12-15, ethoxylated		
CAS номер 9002-92-0	Acute Tox.4; Eye Dam.1; Aquatic Chronic 3 H302, H318, H400	5-15 %
Color additive		
		< 0.01%
Perfume composition		
		<0.1%

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



MY OCEAN FL 100**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

So far no symptoms are known.

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

Not known

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

The product is not classified as dangerous for the environment. Keep away from effluent, surface and ground water.

6.3 Methods and materials for containment and cleaning up



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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 in ventilated and dry rooms, in tightly closed original packages, at room temperature (5-25 °C). Keep away from sources of ignition and heat. Store separately from food and drink.

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 ³	Category
1310-73-2	Sodium hydroxide	-	2	(8 h)
		-	-	(15 min)
2809-21-4	1-Hydroxyethylidenediphosphonic acid	No Information		(8 h)
				(15 min)
9002-92-0	Alcohols, C12-15, ethoxylated	No Information		(8 h)
				(15 min)

DNEL-/DMEL

CAS No	Chemical agent			
DNEL тип		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		1 mg/m ³
Worker DNEL, long-term		oral		no data available
User DNEL, long-term		oral		no data available
Worker DNEL, long-term		dermal		no data available
User DNEL, long-term		dermal		available
2809-21-4	1-Hydroxyethylidenediphosphonic acid			
Worker DNEL, long-term		inhaled	local	0.9 mg/m ³
User DNEL, long-term		inhaled		0.9 mg/m ³
Worker DNEL, long-term		oral		no data available
User DNEL, long-term		oral		no data available
Worker DNEL, long-term		dermal		available

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CAS No	Chemical agent			
DNEL тип		Route of exposure	Effect	Value
User DNEL, long-term		dermal		
9002-92-0	Alcohols, C12-15, ethoxylated			
Worker DNEL, long-term		inhaled	local	no data available
User DNEL, long-term		inhaled		
Worker DNEL, long-term		oral		
User DNEL, long-term		oral		
Worker DNEL, long-term		dermal		
User DNEL, long-term		dermal		

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

Break through time: 480 min

Respiratory Protection.

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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: light yellow
c) Odour Threshold	Specific
d) pH (20°C) 1 % solution	No Information
e) Melting point/freezing point	10,50-11,0
f) Initial boiling point and boiling range	0°C
g) Flash point	100°C
h) Evaporation rate	> 62 °C
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

Strong oxidizer for metals

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

No Information

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions



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No information

10.4 Conditions to avoid

Heat, direct sunlight, contact with ordinary and alkaline metals.

10.5 Incompatible materials

Flammable substances, strong oxidants, strong acids and metals.

10.6 Hazardous decomposition products

None, in case of proper use.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

CAS No	Chemical agent				
	Route of exposure	Dose	Species	Source	Method
1310-73-2	Sodium hydroxide				
	Oral	LD50 >250 mg/kg	Rabbit		Cesio-Recommendation
2809-21-4	1-Hydroxyethylidenediphosphonic acid				
	Oral	LD50 >2000 mg/kg	Rabbit		Cesio-Recommendation
	Dermal	LD50 >8000 mg/kg	Rabbit		Cesio-Recommendation
9002-92-0	Alcohols, C12-15, ethoxylated				
	Oral	LD50 1200 mg/kg	Rat		Cesio-Recommendation
	Dermal	LD50 8000 mg/kg	Rabbit		Cesio-Recommendation

Skin corrosion/irritation

No Information

Serious eye damage/eye irritation

Moderate irritation

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

In trials with animals is not established a reduction of reproductive performance.

Specific target organ toxicity -single exposure

No Information



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Specific target organ toxicity -repeated exposure

No Information

Aspiration hazard

No Information

Additional Information

No Information

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

The information provided is based on the knowledge of the constituents and the ecology of such products. The ecotoxicological properties of the product have not been tested. The product is classified by 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 to fish	LC50 125mg/l	96 h	Gambusia affinis	SDB Lieferant	
	Acute toxicity to crustaceans	EC50 40,4 mg/l	48 h	Ceriodaphnia	ECHA	
2809-21-4	1-Hydroxyethylidenediphosphonic acid					
	Acute toxicity to fish	LC50 368 mg/l	96 h	Gambusia affinis	SDB Lieferant	
	Acute toxicity to crustaceans	EC50 3 mg/l	48 h	Daphnia magna	ECHA	

12.2 Persistence and degradability

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

12.3 Bioaccumulative potential

Based on the available data on the possibility of elimination / degradation and bioaccumulation, it is unlikely that the environment will be polluted in the long term.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Not **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 applicable

MY OCEAN FL 100**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**

The safety instructions 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
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage



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H319	Causes serious eye irritation.
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long-lasting effects
P280	Wear protective gloves/ protective clothing/ eye protection/ face
P270	Do not eat, drink or smoke when using this product
P264	Wash your hands thoroughly after handling
P312	Call a POISON CENTER/ doctor/if you feel unwell.
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
P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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.