



## 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 SANI CLEAN

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

##### 1.1 Product identifiers

**MY OCEAN SANI CLEAN** - acidic lime-scale preparation and cleaning of sanitary facilities.

Product code: please contact sales department

UFI: 6S00-A0GG-8009-SNA9

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

###### **Identified uses**

Preparation for removing limestone and cleaning sanitary faience, terracotta, mosaic and floors in the food industry and other industries.

For professional use only.

##### 1.3 Details of the supplier of the safety data sheet

Company: Ocean Service Ltd.

Address:

1 "Pordp. Dimitar Filov" , 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**

H302 Harmful if swallowed

H315 Causes skin irritation

H318 Causes serious eye damage

H335 May cause respiratory irritation

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

Dangerous

H302

Harmful if swallowed

H315

Causes skin irritation

H318

Causes serious eye damage

H335

May cause respiratory irritation

Precautionary statement(s)

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

P264

Wash your hands thoroughly after handling

P270

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

P280

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

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.

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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
<b>Phosphoric acid</b>		
CAS No 7664-38-2 EC-No 231-633-2	Corrosive to metals(Category 1), H290 Skin corrosion(Category 1B), H314	15- 30%
<b>Alcohols, C12-15, ethoxylate</b>		
CAS No 68131-39-5 EC- No 500-195-7	H315: Causes skin irritation, skin irritation category 2 H318: Causes eye damage, eye damage category1 H400: Very toxic to aquatic life, aquatic acute 1	1-5 %
<b>Color additive</b>		
		< 0.01%
<b>Perfume composition</b>		
		<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**



**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**



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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**

As a result of incineration or thermal decomposition, reactive compounds may be released which may be highly toxic, therefore, may result in serious health risks

#### **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**

Isolate the leak if this does not pose an additional risk to the people who perform the task. Evacuate the area and keep those who have no means of protection. In case of potential contact with spilled product, you should use your personal protective equipment (see Section 8). Above all, prevent the spread of substances that may catch fire when in contact with the air, for example through ventilation or in the use of inerting agents. Destroy all flammable sources. Remove the electrostatic charge by connecting all conductive surfaces where static electricity can be formed and ground them

#### **6.2 Environmental precautions**



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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**

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**

A - Precautions

Act in accordance with legislation on the prevention of manufacturing risks. Keep the containers sealed. Destroy spills and debris in safe ways (Section 6). Avoid containers from the containers. Keep order and cleanliness where dangerous products are used.

C - Technical recommendations for the prevention of fires and explosions

Avoid evaporation of the product as it contains flammable substances which may form flammable vapors / air mixtures in the presence of flammable sources. Control flammable sources (mobile phones, sparks) and transport at low speed to avoid creating an electrostatic charge. Avoid spraying. See Section 10 for conditions and materials to be avoided.

C - Technical recommendations for the prevention of ergonomic and toxicological risks

Do not eat or drink at work, then wash your hands with the appropriate means.

D - Technical recommendations for the prevention of environmental hazards

It is advisable to have absorbent material in the immediate vicinity of the product

#### **7.2 Conditions for safe storage, including any incompatibilities**

Store only in the original package.

#### **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
7664-38-2	Phosphoric acid		1	8h
			2	15 min

##### **DNEL-/DMEL**

CAS No	Chemical agent			
DNEL тип		Route of exposure	Effect	Value
7664-38-2	Phosphoric acid			
Worker DNEL, long-term		inhaled	local	1 mg/m <sup>3</sup>
User DNEL, long-term		inhaled		0.73 mg/m <sup>3</sup>

#### **8.2 Exposure Control**

**MY OCEAN SANI CLEAN****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.**

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**



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#### 9.1 Information on basic physical and chemical properties

a) Appearance	Form: liquid
b) Odour	Color: according coloring
c) Odour Threshold	Specific
d) pH (20°C) 1 % solution	No Information
e) Melting point/freezing point	0.50-1.50
f) Initial boiling point and boiling range	No Information
g) Flash point	No Information
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

#### **SECTION 10: STABILITY AND REACTIVITY**

##### 10.1 Reactivity

No hazardous reactions are expected if the technical guidelines for the storage of chemical products are followed. See section 7.

##### 10.2 Chemical stability

Stable under recommended storage conditions.

##### 10.3 Possibility of hazardous reactions

Under these conditions, no dangerous reactions are expected, which can produce pressure or high temperatures.

##### 10.4 Conditions to avoid

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

##### 10.5 Incompatible materials

No information

##### 10.6 Hazardous decomposition products

None, in case of proper use.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

##### 11.1 Information on toxicological effects



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CAS No	Chemical agent				
	Route of exposure	Dose	Species	Source	Method
7664-38-2	Phosphoric acid				
	Oral	LD50 >3500 mg/kg	Rat		
	Dermal	LD50 >2470 mg/kg	Rabbit		

### 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

### 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
7664-38-2	Phosphoric acid					



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CAS No	Chemical agent					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
	Acute toxicity to crustaceans	EC50 4.6 mg/l	12 h	Daphnia magna	ECHA	

#### **12.2 Persistence and degradability**

No Information

#### **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 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: 1760

IMDG: 1760

IATA: 1760

#### **14.2 UN proper shipping name**

ADR/RID:- PHOSPHORIC ACID SOLUTION

IMDG: - PHOSPHORIC ACID SOLUTION

IATA:- Phosphoric acid, 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



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#### 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
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation.
H335	May cause respiratory 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.