



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 ACID

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

1.1 Product identifiers

MY OCEAN ACID - Acid laundry detergent

Product code: please contact sales department

UFI: 1.6XR2-E069-3007-Y9D9

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

Identified uses

Laundry detergent 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: 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

H315 Causes skin irritation

H319 Causes serious eye 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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GHS07

Signal word

Caution

Hazard statement(s)

H315

Causes skin irritation

H319

Causes serious eye irritation

Precautionary statement(s)

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

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337+313

If eye irritation persists get medical advice/attention

Supplemental Hazard Statements

No

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
Citric acid		



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Component	Classification	Concentration
CAS No 77-92-9	Eye Irrit.2; H319	15-30%
EC No 201-069-1		

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

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 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



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Carbon oxides

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

Section 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid inhalation of vapour or mist.

For precautions see 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

8.1 Control parameters

Does not contain substances for which there are standards for workplace availability.

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.



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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

9.1 Information on basic physical and chemical properties

a) Appearance

Form: liquid

b) Odour

Color: colorless

c) Odour Threshold

No

d) pH (20°C) 1 % solution

No Information

3.50



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e) Melting point/freezing point	0°C
f) Initial boiling point and boiling range	100°C
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	1.00 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
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

Oxidizing agents, Bases, Reducing agents, Nitrates

10.6 Hazardous decomposition products

Other decomposition products-No data available
Hazardous decomposition products formed under fire conditions.-Carbon oxides

In the event of fire: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

CAS No	Chemical agent				
	Route of exposure	Dose	Biological species	Source	Method
77-92-9	Citric acid				
	Oral	LD50 5.400 mg/kg	Rat	OECD	401



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CAS No	Chemical agent				
	Route of exposure	Dose	Biological species	Source	Method
	Dermal	LD50 2.000 mg/kg	Rat	OECD	402

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
77-92-9	Citric acid					
	Acute toxicity to fish	LC50 440mg/l	48 h	Leuciscus idus melanotus	OECD	203
	Acute toxicity to invertebrates	EC50 1.535 mg/l	24 h	Daphnia magna	OECD	202

12.2 Persistence and degradability



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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:

IMDG:

IATA:

14.2 UN proper shipping name

ADR/RID:

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID:

IMDG:

IATA:

14.4 Packaging group

ADR/RID:

IMDG:

IATA:

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



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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety data sheet meets 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.

H315	Causes skin irritation
H319	Causes serious eye irritation
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.
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.