

SAFETY DATA SHEET

Version: 01.09.2021

In accordance with regulation (EC) No.1907/2016

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product name:	MICROFLOR® LCD002
Usage Area:	Floor and hard surface cleaner concentrate
Caution:	Do not use in locations that may come into contact with food, apply or dosage the product directly without diluting
Brand:	MICROFLOR®
Manufacturer / Supplier:	Ecabiotec Middle East Manufacturing LLC 98901 Dubai, United Arab Emirates Tel. +971 4 429 11 34 Fax +971 4 429 11 34
Emergency information:	+971 56 400 7724

2. HARMFULNESS DESCRIPTION

CLASSIFICATION OF SUBSTANCE/ MIXTURE (CLP)

H315: Skin Irr.2

LABEL ELEMENTS (CLP):

H315: Causes skin irritation.

P102: Keep away from reach of children

P103: Read label before use

P280: Use protective gloves/protective clothes/eye protection/face protection.

P302+P352: IN CASE OF SKIN CONTACT: Wash with plenty of water and soap

OTHER HARMFUL ASPECTS

None

CAUTION



3. INFORMATION ON COMPOSITION/CONTENTS

CHEMICAL STRUCTURE

Microorganisms classified as Group 1, enzymes, surface actives

Mixtures:

Substance	Concentration	Cas-Nr.	SEA, CLP Class, H Statements*
(C10-16) Alkyl alcohol ethox sulphate sodium salt, 70%	0,5-1,5 %	68585-34-2	Skin Irr.2 H315 Eye Irr.2 H319
Others	94,4-96,5		

* Details about H and R statements are given in Chapter 16.

4. FIRST AID PRECAUTIONS

After Inhalation:	Take the affected person to clean air.
After skin contact:	Wash skin with soap and water for at least 15 minutes.
After eye contact:	Wash for at least 15 minutes with plenty of water, consult your doctor.
After swallowing:	Rinse mouth, make sure the person drinks plenty of water if he/she is conscious; never use oral administration on an unconscious person. Consult to a doctor.

5. FIRE FIGHTING PRECAUTIONS

Suitable fire extinguishers:	Use dry chemical, carbondioxide, water vapour or alcohol resistant foam for large fires. Product is not subject to spontaneous combustion .
Special harms caused by substance or mixture:	No known special harm.
Recommendations for fire fighting teams:	No special recommendation.

6. PRECAUTIONS AGAINST ACCIDENTAL EMANATION

Personal precautions, protective equipment and emergency procedures:

Do not contact with surfaces splashed or contaminated with the product. In terms of contact with clothing, remove clothes. Do not consume liquid, solid food during application. Use the personal protection devices specified in Chapter 8.

Environmental precautions:

Keep away from pets and children.

Methods and materials for storing and cleaning:

In terms of spillage, wash the affected location with water. Absorb spillage with inert substance (e.g.: dry sand or soil) and place in chemical waste containers.

7. HANDLING AND STORAGE

Precautions for safe handling:

Wash after using. Keep empty containers firmly closed. Refer to Chapter 8.

Conditions for safe storage including incompatibilities:

Store in dry and cool locations with no temperature difference, away from incompatible substances. Keep away from direct sunlight. Protect against freezing and exposure to temperatures over 40°C.

Necessary qualities for storage areas and containers:

Store only in unopened original package (container). Do not use metal packing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values:

Limit values with components that require control in workplace:

The product does not contain any amount of substance that has exposure limit levels requiring control in workplace.

Lists applicable during collection are used as base.

Exposure controls

Occupational exposure controls:

Additional information about the design of the technical system Refer to Chapter 7.

General protection and hygiene precautions:

Common precautions taken for the use of chemicals should be complied.

Ensure that handling is done through dosage pumps.

Wash with soap or sodium bicarbonate.

Consult your doctor if deemed necessary.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Clothing usage:

Inhalation equipment:

Hand protection:

Eye protection:

Wear chemical protective clothes to prevent contact with skin.

No special precaution is required for normal usage conditions. During product activity, CO₂ is released but the amount is not harmful to human health.

Wear suitable gloves to prevent skin contact.

Use suitable protective glasses. e.g. according to EN166.

9. PHYSICAL AND CHEMICAL QUALITIES

General Information

Appearance:

Light brown

Odor:

Characteristic

Physical State:

Liquid

Important health, safety and environment information

pH value (20°C):

6,5- 7,5

Density (20°C):

0,90-1,10 g/ml

Boiling point:

No information

Flash point:

No information

Flaming temperature:

Could not be determined

Explosive qualities:

Not explosive

Resolution (20°C):

Completely soluble

Distribution coefficient:

No special provisions

Fluidity:

No information

Vapor density:

No information

Vaporization rate:

No information

10. STABILITY AND REACTION

Situations to be avoided:

Extreme temperature differences, below 5°C or over 40 °C

Materials to be avoided:

Strong acid and alkali, strong oxidizing materials

Dangerous degradation /decomposition products:

NO_x and carbon oxides are released during thermal decomposition.

11. ECOLOGICAL INFORMATION

Acute effects and sensitivity	
Acute toxicity:	LD 0, dermal, rat >5000 mg/kg LD50, oral, rat >5000 mg/kg Inhalation Low toxicity
On skin:	Contact with skin under 1 minute does not cause toxic effect. It is not irritant if the contact with skin is less than ½ hour . Sensitivity tests are negative.
On eye:	It has irritating effect in case contact with eye, like all bacterial and enzymatic substances.
Inhalation:	Inhalation is not toxic. Allergic people should be cautious. Class 1 type harmless microorganisms within the product, and lipolytic and proteolytic enzymes secreted by them may cause allergic reactions in sensitive people . This exposure form has a low possibility. No adverse effect is expected.
Swallowing:	No known harmful effect on human health.
Carcinogenicity:	Not carcinogenic.
Additional toxicologic information:	In accordance with the Regulation on Preparing and Distributing Safety Information Forms pertaining to Dangerous Substances and Products (R.G. 26.12.2008-27092) and 1907/2006/EC Regulation, the product is not subject to labeling for toxicologic qualities or effects on human health . When used according to the instructions, the product is not likely to cause any harmful effects.

12. ECOLOGY INFORMATION

General Information:	The product does not cause any adverse effects on environment when used for the specified purpose. Bacteria contained in the product disintegrate contaminating substances in residential waste water through a biological process.
Persistency and biodegradability:	The product rapidly eliminates organic substances suspended in aquatic environment. It has no long term persistency effect.

13. DISPOSAL INFORMATION

Product	
Residual waste/unused products:	Dispose in accordance with local regulations.
European waste catalog:	Refer to local regulations.
Empty package	
Recommendation:	Dispose in accordance with local regulations.
Suitable cleaning substance:	Water, with cleaning substance if necessary.

14. TRANSPORTATION INFORMATION

Land transportation ADR / RID (cross borders):

ADR/RID class: -

Sea transportation IMDG

IMDG class: -

Sea contaminant: None

Air transportation ICAO-TI and IATA-DGR

ICAO/IATA Class: -

Special precautions for user: None

Transportation/Additional information:

Not dangerous according to the information above.

15. REGULATION INFORMATION

Classification complies to Regulation on Safety Information Forms pertaining to Dangerous Substances and Mixtures [R.G. 13.12.2014-29204] .

Special safety, health and environment regulations for substance or mixture

No applicable data.

Chemical Risk Assessment

No chemical safety assessment is applied for this product.

16. OTHER INFORMATION

Full text of H and P statements belonging to content listed in chapters 2 and 15

H315: Causes skin irritation.

P102: Keep away from reach of children

P103: Read label before use

P280: Use protective gloves/protective clothes/eye protection/face protection.

P302+P352: IN CASE OF SKIN CONTACT: Wash with plenty of water and soap

Full text of H and R statements belonging to content listed in chapter 3

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Additional Information:

Copyright 2017 ecabiotec® AG License granted to make paper copies for internal use only. The above information is based on the present state of our knowledge but is not all inclusive and should be used only as a guide. It does not guarantee any properties of the product.