



**MATERIAL SAFETY DATA SHEET**  
**PHYCOSKIN<sup>®</sup> ONE**

Date: 22/02/2021  
Version: 05

Pursuant to Regulation (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, and by which Directives 67/548 / EEC and 1999 / 45 / EC and amending Regulation (EC) No. 1907/2006, REGULATION (EU) No. 453/2010 OF THE COMMISSION of May 20, 2010 amending Regulation (EC) No. 1907/2006 of Parliament And Council Regulation on the registration, evaluation, authorization and restriction of chemical substances and preparations (REACH) and REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 on registration , the evaluation, authorization and restriction of chemical substances and preparations (REACH), creating the European Agency for Chemical Substances and Preparations, amending Directive 1999/45 / EC and repealing Regulation (EEC) n° 793/93 of the Council and Regulation (CE) n° 1488/94 of the Commission a Yes, as does Council Directive 76/769 / EEC and Commission Directives 91/155 / EEC, 93/67 / EEC, 93/105 / EC and 2000/21 / EC.

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

### 1.1 Product identification:

**Product Name:**

PHYCOSKIN® One

**Product Code:**

PSK ONE

### 1.2 Relevant and unadvisable uses of the substance or mixture:

RELEVANT USES: ONLY FOR COSMETIC AND DERMOCOSMETIC USE.

### 1.2 Data from the supplier:

MICROALGAE SOLUTIONS S.L.  
CALLE DEHESA VIEJA, 8. N5. 28052.  
VICÁLVARO (MADRID)  
Email: [info@microalgaeolutions.com](mailto:info@microalgaeolutions.com)  
Phone: (+34) 630 25 47 78  
[www.microalgaeolutions.com](http://www.microalgaeolutions.com)

### 1.3 Emergency telephone number:

Emergency number: (+34) 630 25 47 78  
Institute of toxicology (+34) 915620420

## 2. SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) 1272/2008

Non-hazardous.

Classification according to EU Directives 67/548/CEE o 1999/45/CE

Non-hazardous.

### 2.2 Label elements:

This product doesn't need labelling (Regulation (RC) 1272/2008)

### 2.3 Other dangers:

None.

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## 3. SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTES

### 3.1 Substances:

Not Applicable.

### 3.2 Mixtures:

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List:

Identifiers	Name	Concentrate	(*)Classification - Regulation (EC) No 1272/2008	
			Classification	specific concentration limit
CAS No: 56-81-5 EC No: 200-289-5 Registration No: 01-2119471987-18-XXXX	[1] glycerol	2.5 - 10 %	-	-

(\*)The complete text of the H phrases is given in section 16 of this Safety Data Sheet.

[1] Substance with a Community workplace exposure limit (see section 8.1).

## 4. SECTION 4: FIRST AID

### 4.1 Description of first aid:

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

#### **Inhalation.**

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

#### **Eye contact.**

Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

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## **Skin contact.**

Remove contaminated clothing.

## **Ingestion.**

Keep calm. NEVER induce vomiting.

## **4.2 Main symptoms and effects, acute and delayed:**

Not known acute or delayed effects from exposure to the product.

## **4.3 Indication of medical attention and specific treatments that should be dispensed immediately:**

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

## 5. SECTION 5: FIRE-FIGHTING MEASURES

### **5.1 Extinguishing media:**

#### **Suitable extinguishing media:**

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

#### **Unsuitable extinguishing media:**

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

### **5.2 Special hazards arising from the substance or mixture:**

#### **Special risks.**

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

### **5.3 Recommendations for firefighting personnel:**

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account.

#### **Fire protection equipment.**

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

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## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

For exposure control and individual protection measures, see section 8.

### 6.2 Environmental precautions:

Product not classified as hazardous for the environment, avoid spillage as much as possible.

### 6.3 Methods and material for containment and cleaning up:

Product not classified as hazardous for the environment, avoid spillage as much as possible.

Contain and collect spillage with inert absorbent material (earth, sand, vermiculite, Kieselguhr...) and clean the area immediately with a suitable decontaminant.

Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations

### 6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

## 7. SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

The product does not require special handling measures, the following general measures are recommended:

For personal protection, see section 8.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Never use pressure to empty the containers. They are not pressure-resistant containers. Keep the product in containers made of a material identical to the original.

### 7.2 Conditions for safe storage, including possible incompatibilities:

The product does not require special storage measures.

As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided.

Keep away from oxidant agents and from highly acidic or alkaline materials.

Store the containers between 5 and 35° C, in a dry and well-ventilated place.

Store according to local legislation. Observe indications on the label.

The product is not affected by Directive 2012/18/EU (SEVESO III).

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## 7.3 Specific end uses:

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## 8. SECTION 8: EXPOSURE CONTROLS / INDIVIDUAL PROTECTION

### 8.1 Control parameters:

Work exposure limit for:

Name	CAS NO.	Country	Limit Value	ppm	Mg/m3
glycerol	56-81-5	SPAIN [1]	Eight hours		10
			Short term		

[1] According Limit Value list Valores Límite Ambientales de Exposición Profesional by INSST Health and Safety Executive 2018.

Concentration levels DNEL/DMEL:

Name	DNEL/DMEL	Type	Value
Glycerol CAS No: 56-81-5 EC No: 200-289-5	DNEL (Workers)	Inhalation, Long-term, Local effects	56 (mg/m <sup>3</sup> )

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

### 8.2 Exposure controls:

#### Measures of a technical nature:

<b>Concentration</b>	<b>100%</b>
<b>Uses:</b>	<b>Cosmetic and dermocosmetic</b>
<b>Breathing protection:</b>	
If the recommended technical measures are observed, no individual protection equipment is necessary.	
<b>Hand protection:</b>	
If the product is handled correctly, no individual protection equipment is necessary.	
<b>Eye protection:</b>	
If the product is handled correctly, no individual protection equipment is necessary.	
<b>Skin protection:</b>	



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PPE: Work footwear.

Characteristics: «CE» marking, category II.

CEN standard: EN ISO 13287, EN 20347

Maintenance:

This product adapts to the first user's foot shape. That is why, as well as for hygienic reasons, it should not be used by other people.

Observations:

Work footwear for professional use includes protection elements aimed at protecting users against any injury resulting from an accident

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information about physical and chemical basic properties

<b>Apperance form:</b>	Liquid with characteristic odour and colour
<b>Colour:</b>	N.A./N.A.
<b>Odour:</b>	N.A./N.A.
<b>Odour threshold:</b>	N.A./N.A.
<b>pH:</b>	5.5-6.5
<b>Melting point / freezing point:</b>	N.A./N.A.
<b>Initial boiling point and boiling range:</b>	N.A./N.A.
<b>Flash point:</b>	>60° C
<b>Evaporative rate:</b>	N.A./N.A.
<b>Flammability (solid, gas):</b>	N.A./N.A.
<b>Upper / lower flammability or explosive limits:</b>	N.A./N.A.
<b>Vapor pressure:</b>	N.A./N.A.
<b>Vapor density:</b>	N.A./N.A.
<b>Relative density:</b>	N.A./N.A.
<b>Solubility in water:</b>	N.A./N.A.
<b>N-octanol / water partition coefficient:</b>	N.A./N.A.
<b>Autoinflammation temperature:</b>	N.A./N.A.
<b>Decomposition temperature:</b>	N.A./N.A.
<b>Viscosity:</b>	N.A./N.A.
<b>Explosive properties:</b>	N.A./N.A.
<b>Oxidizing properties:</b>	N.A./N.A.
<b>% Volatile:</b>	N.A./N.A.

N.A./N.A.= Not Available/Not Applicable due to the nature of the product.



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## 9.2 Other safety information:

Dropping point: N.A./N.A.

Blink: N.A./N.A.

Kinematic viscosity: N.A./N.A.

*N.A./N.A.= Not Available/Not Applicable due to the nature of the product.*

## 10. SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity:

The product does not present hazards by their reactivity.

### 10.2 Chemical stability:

Stable under the recommended handling and storage conditions (see section 7).

Unstable in contact with bases.

### 10.3 Possibility of dangerous reactions:

The product does not present possibility of hazardous reactions. Neutralization can be produced in contact with bases.

### 10.4 Conditions to be avoided:

Avoid any improper handling.

Avoid contact with bases.

### 10.5 Incompatible materials:

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

Avoid the following materials: bases.

### 10.6 Hazardous decomposition products:

No decomposition if used for the intended uses.

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## 11. SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

<b>Acute oral toxicity:</b>
Not data available
<b>Skin irritation:</b>
Not considered irritant
<b>Serious eye damage/irritation.</b>
Not considered irritant
<b>Respiratory or skin sensitisation:</b>
Not data available
<b>Germ cell mutagenicity:</b>
Not considered mutagenic
<b>Phototoxicity:</b>
Not considered phototoxic
<b>Reproductive toxicity:</b>
Not data available
<b>STOT - single exposure:</b>
Not data available
<b>STOT - repeated exposure:</b>
Not data available
<b>Aspiration hazard:</b>
Not data available

## 12. SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity:

No information is available regarding the Ecotoxicity of the substances present.

### 12.2 Persistence and degradability:

No information is available regarding the biodegradability of the substances present.

No information is available on the degradability of the substances present. No information is available about persistence and degradability of the product.

### 12.3 Potential of Bioaccumulation:

Information about the bioaccumulation of the substances presents.

Name	Bioaccumulation			
	Log Pow	BCF	NOECs	Level

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glycerol CAS No: 56-81-5      EC No: 200-289-5	-1,76	-	-	Very low
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## 12.4 Mobility in the soil:

No information is available about the mobility in soil.  
The product must not be allowed to go into sewers or waterways.  
Prevent penetration into the ground.

## 12.5 Results of PBT and vPvB assessment:

No information is available about the results of PBT and vPvB assessment of the product.

## 12.6 Other adverse effects:

No information is available about other adverse effects for the environment.

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.  
Follow the provisions of Directive 2008/98/EC regarding waste management.

## 14. SECTION 14: TRANSPORT INFORMATION

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

### 14.1 UN number.

Transportation is not dangerous.

### 14.2 UN proper shipping name.

Description:

ADR: Not classified as hazardous for transport.

IMDG: Not classified as hazardous for transport.

ICAO/IATA: Not classified as hazardous for transport.

### 14.3 Transport hazard class(es).

Transportation is not dangerous.

### 14.4 Packing group.

Transportation is not dangerous.

### 14.5 Environmental hazards.

Transportation is not dangerous.

### 14.6 Special precautions for user.

Transportation is not dangerous.

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## 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code.

Transportation is not dangerous.

## 15. SECTION 15: REGULATORY INFORMATION

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

The product is not affected by the Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

Product classification according to Annex I of Directive 2012/18/EU (SEVESO III): N/A

The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

## 16. SECTION 16: OTHER INFORMATION

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC)

#### 1272/2008 [CLP]:

Physical hazards	On basis of test data
Health hazards	Calculation method
Environmental hazards	Calculation method

It is recommended that the product only be employed for the purposes advised.

Abbreviations and acronyms used:

BCF: Bioconcentration factor.

CEN: European Committee for Standardization.

DMEL: Derived Minimal Effect Level, exposure level corresponding to a low risk, that risk should be considered a tolerable minimum.

DNEL: Derived No Effect Level, level of exposure to the substance below which adverse effects are not anticipated.

EC50: Half maximal effective concentration.

PPE: Personal protection equipment.

LC50: Lethal concentration, 50%.

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LD50: Lethal dose, 50%.

Log Pow: Logarithm of the partition octanol-water.

NOEC: No observed effect concentration.

Key literature references and sources for data:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2015/830.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and

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