

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

ALGAE SLIM COMPLEX

1. Identification of the substance/mixture and company

Trade name: ALGAE SLIM COMPLEX
I.N.C.I. Glycerin, Water, Fucus Vesiculosus Extract, Enteromorpha Compressa Extract, Porphyra Umbilicalis Extract, Undaria Pinnatifida Extract, Lithothamnion Calcareum Extract, Potassium Sorbate, Sodium Benzoate
Utilization: Raw material for cosmetics
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.elemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1. Classification of the substance or mixture:
Classification according to Regulation (EC) No 1272/2008
This product is not classified as hazardous

2.2. Label elements:
Labelling according to Regulation (EC) No 1272/2008
Hazard pictogram:
Signal word:---
Hazard statements:---
Precautionary statements:---

2.3. Other hazards
None known

3. Declaration of ingredients

3.1. Substances
Non-applicable

3.2. Mixtures

Substances/Mixtures

[EU] CAS EINECS CLASIFICATION

Glycerin	40 - 60 %	56-81-5	200-289-5
Aqua	40 - 60 %	7732-18-5	231-791-2
Fucus Vesiculosus Extract	0,5 - 1 %	84696-13-9	283-633-7
Enteromorpha Compressa Extract	0,5 - 1 %	---	---
Porphyra Umbilicalis Extract	0,5 - 1 %	223751-76-6	---
Undaria Pinnatifida Extract	0,5 - 1 %	---	---
Lithothamnion Calcareum Extract	0,5 - 1 %	---	---
Preservatives			
Potassium Sorbate	0,1 - 0,3 %	24634-61-5	246-376-1 H319

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Sodium Benzoate	0,1 - 0,3 %	590-00-1 532-32-1	208-534-8	H319
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See full text of the hazard and risk phrases in section 16

4. First aid measures

4.1. Description of first aid measures

In case of:

Skin Contact:

Remove clothing contaminated with the product immediately.

Wash with soap and water.

Eye Contact:

Rinse away thoroughly with water at least for 15 minutes.

Ingestion:

If large amount swallowed or symptoms develop obtain medical attention.

Inhalation:

Remove victim to fresh air.

4.2. Most important symptoms and effects, both acute and delayed

None known

4.3. Indication of any immediate medical attention and special treatment needed

No data available

5. Fire fighting measures

5.1. Extinguishing media

Extinguishing Media:

Dry chemical

Alcohol type foam

Water spray, CO2

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Use air supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor and fumes.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not try to clean up the leak without the proper protective equipment.

6.2. Environmental precautions

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Avoid liquid to enter sewer/public waters
Absorb the small overflows with inert solids
Notify environmental authorities in case of large leaks.

6.3. Methods and material for containment and cleaning up

Absorb the small overflows with inert solids

6.4. Reference to other sections

No data available

7. Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices.

7.2. Conditions for safe storage, including any incompatibilities

Store protected from light and humidity in tightly closed vessels at room temperature.

7.3. Specific end uses

No data available.

8. Exposure controls / personal protection

8.1. Control parameters

Exposure limit during work for Glycerin (mist): TLV-TWA: 10 mg/m³

8.2. Exposure controls

Respiratory protection: Not needed

Body protection: Not needed

Eye protection: Not needed

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Physical state:

Liquid

Colour:

Pale brown

Odour:

Characteristic.

Odour threshold:

No data available

pH: <7.5

Melting point/freezing point:

No data available

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Boiling point or initial boiling point and boiling range:

No data available

Flash point: >100 °C

Evaporation rate:

No data available

Flammability:

No data available

Lower and upper explosion limit:

No data available

Vapour pressure:

No data available

Relative vapour density:

No data available

Density and/or relative density:>1.000

Solubility:

Soluble in aqueous solutions

Partition coefficient n-octanol/water (log value):

No data available

Auto-ignition temperature:400 °C

Decomposition temperature:

No data available

Kinematic viscosity:

No data available

Particle characteristics:

Non applicable.

Explosive properties:

No data available

Oxidising properties:

No data available

9.2. Other information

No data available

10. Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Stable under usual conditions

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

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Keep sources of ignition at a distance.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Will not occur.

11. Toxicological information

11.1. information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:

No toxic

Skin corrosion/irritation:

No irritant

Serious eye damage/irritation:

No irritant

Respiratory or skin sensitisation:

No sensitizant

Germ cell mutagenicity:

No mutagenic

Carcinogenicity:

No carcinogenic

Reproductive toxicity:

No toxic

STOT-single exposure:

No toxic

STOT-repeated exposure:

No toxic

Aspiration hazard:

No data available

11.2 Information on other hazards

Endocrine disrupting properties:

No data available

Other information:

No data available

12. Ecological information

12.1. Toxicity

Glycerin: Multiplication inhibition test in algae (*Microcystis aeruginosa*) and protozoa (*Entosiphon sulcatum*): Toxicity threshold = 2900 mg/l and 3200 mg/l (HSDB no. 492, revision: 20050624)., Glycerin (HSDB no. 492, revision: 20050624): LC50 goldfish > 5000 mg/l/24h.

12.2. Persistence and degradability

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Glycerin (HSDB no. 492, revision: 20050624): Activated sludge test: 220 mg/l resulted in a COD of 97%; Test in a 5 days: BOD = 82%. Glycerin is considered an easily degradable substance.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

13. Disposal considerations

13.1. Waste treatment methods

The product or water contaminated must not be considered as dangerous residues. Eliminate according to the existing regulations.

14. Transport information

This product is not regulated for transport (ADR/RID,IMDG,IATA)

15. Regulatory information

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

No data available

15.2 Chemical safety assessment

No data available

16. Additional information

Texts of the legislative phrases mentioned in section 2:

H319 - Causes serious eye irritation.

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

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BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.