



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

EMULSIFIER ALFA

1. Identification of the substance/mixture and company

Trade name: Emulsifier Alfa
I.N.C.I. Glycerin, Caprylic/Capric Triglycerides, Aqua, Sucrose Laurate
CAS No.: 56-81-5, 73398-61-5, 7732-18-5
EINESCS No.: 200-289-5, 277-452-2, 231-791-2, 947-887-9
REACH pre-registration No.: /
Utilization: Raw material for cosmetic or professional use
Supplier company identification: **Elemental SRL**, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.elemental.eu
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

The product does not need to be labeled in accordance with regulation (CE) 1907/2006 - 1999/45 with their modifications and adaptations on classification, packaging and labelling of dangerous substances.

Classification according to EC Reg. 1272/2008 (Norm. GHS-CLP).

EDI1 – Serious eye damage / eye irritation Cat. 1

EHA1 – Dangerous to the aquatic environment, acute toxicity 1

EHC2 – Dangerous to the aquatic environment, long term hazard 2

SS1A – Skin sensitizing Cat. 1

STO – RE2 – Specific toxicity to targeted organs, on single exposure Cat. 2

Hazards: No significant hazard.

Special instructions: none

2.2 Label elements

Hazard pictograms: none

Hazard statement: No significant hazard.

Precautionary statement: none

Special instructions: none

2.3 Other hazards

Not applicable.

3. Declaration of ingredients

The product contains the following ingredients:

Substance	C.A.S.	EINECS	Hazard symbols	Percent %
Glycerine (Glycerol, mist)	56-81-5	200-289-5		25-49.9%
Glycerides, mixed decanoyl and octanoyl	73398-61-5	277-452-2		25-49.9%
Water	7732-18-5	231-791-2		10-24.9%



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

EMULSIFIER ALFA

α -d-Glucopyranoside, β -d-fructofuranosyl, mono- and didodecanoate esters		947-887-9	H318, H412	5-9.9%
---	--	-----------	------------	--------

4. First aid measures

4.1 Description of first aid measures

In case of contact with skin: wash the affected area immediately with plenty of soap and water, if irritation persists seek medical attention.

In case of contact with eyes: rinse with plenty of water for at least 15 minutes (while holding eyelids apart), if irritation persists seek medical attention.

In case of inhalation: take the person to fresh air, remove contaminated clothes, if difficulty of breathing persists seek medical attention.

4.2 Main symptoms and effects, both acute and delayed

In case of contact with skin, may cause irritation. May cause illness in case of inhalation.

4.3 Indication to consult a physician immediately or any special treatments

In case of illness contact your physician immediately.

5. Fire fighting measures

5.1 Means of extinction

Do not use water to extinguish fire. Use foam fire extinguishers, with carbon dioxide or powder.

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Recommendations for fire-fighters

The product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions.

6. Accidental release measures

6.1 Personal precautions, protective devices and emergency procedures

No precautions required to be mentioned.

6.2 Environmental precautions

Prevent the product from entering drains, superficial drains, groundwater and confined areas. In case of such contamination inform the competent authorities.

6.3 Methods and materials for containment and remediation

Absorb spilled product with inert absorbent material (sand, vermiculite, diatomaceous earth). Collect most of the resulting material and deposit it in containers for disposal. Ensure adequate ventilation of the site.

6.4 Reference to other sections



Material safety data sheet
According to EU Regulation 1907/2006 in the current version
EMULSIFIER ALFA

Disposal of the contaminated material must be carried out in accordance with the provisions of point 13.

7. Handling and storage

7.1 Precautions for safe handling

Use in well-ventilated places. Do not eat, drink or smoke during use product handling. Always wash your hands before and after use. Use protective clothing.

7.2 Conditions for safe storage, including any incompatibilities

Store in well-filled, tightly closed containers, away from direct sunlight and a temperature below 50°C away from any source of combustion. Do not smoke.

7.3 Specific end uses

None.

8. Exposure controls / personal protection

8.1 Control parameters

There are no specific control parameters.

8.2 Exposure controls



Hand protection: Protect hands with category I work gloves (ref. Directive 89/686 / EEC and standard EN 374) such as latex, PVC or equivalent.

Skin protection: Wear work clothes with long sleeves and safety footwear for professional use of category I (ref. Directive 89/686 / EEC and standard EN 344). Wash with soap and water after removing protective clothing.

Respiratory protection: Use protective masks. The use of respiratory protection is necessary in the absence of technical measures to limit worker exposure.

Eye protection: it is recommended to wear airtight protective goggles (ref. Standard EN 166).

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance: liquid

Color: light yellow

Odor: characteristic

Relative density (d 20 / 20): NA

Refractive index at 20°C: NA

Optical rotation (°): NA

Flash point: NA

Odor threshold: NA

pH: 5-7.5

Melting point / freezing point: NA

Initial boiling point and boiling range: NA

Flash point: NA



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

EMULSIFIER ALFA

Evaporation rate: NA
Flammability (solid, gas): NA
Upper / lower flammability or explosive limits: NA
Vapor tension: NA
Vapor density: NA
Solubility in water: miscible in water
Partition coefficient: n-octanol / water NA
Auto-ignition temperature: NA
Decomposition temperature: NA
Viscosity: NA
Explosive properties: NA
Oxidizing properties: NA

9.2 Other information

None

10. Stability and reactivity

Stable under normal conditions of use.

10.1 Responsiveness

Stable.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of dangerous reactions

None.

10.4 Conditions to avoid

Do NOT allow to freeze.

10.5 Incompatible materials

None.

10.6 Hazardous decomposition products

Carbon dioxide (CO₂). may be formed in fire conditions.

11. Toxicological information

11.1 Information on toxicological effects

Serious eye damage/irritation: No irritation expected
Respiratory or skin sensitization: No sensitization effects reported.
Germ cell mutagenicity: No mutagenic effects reported.
Carcinogenicity: No carcinogenic effects reported.
Reproductive toxicity: No teratogenic effects reported.

12. Ecological information

12.1 Toxicity

No data available.



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

EMULSIFIER ALFA

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulation potential

Bioaccumulation is unlikely.

12.4 Ground mobility

No data is available on this product.

12.5 Results of PBT and vPvB assessment

This product does not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects

None known.

13. Disposal considerations

13.1 Waste treatment methods

The product is classified as non hazardous. Dispose of in compliance with all local and national regulations.
Disposal of packaging: Empty containers can be cleaned with water.

14. Transport information

14.1 UN number

ADR: The product is not classified as dangerous for carriage.
IMDG: The product is not classified as dangerous for carriage.
IATA: The product is not classified as dangerous for carriage.

14.2 UN shipping name

ADR: The product is not classified as dangerous for carriage.
IMDG: The product is not classified as dangerous for carriage.
IATA: The product is not classified as dangerous for carriage.

14.3 Class of danger for transport

ADR: The product is not classified as dangerous for carriage.
IMDG: The product is not classified as dangerous for carriage.
IATA: The product is not classified as dangerous for carriage.

14.4 Packing group

ADR: The product is not classified as dangerous for carriage.
IMDG: The product is not classified as dangerous for carriage.
IATA: The product is not classified as dangerous for carriage.

14.5 Environmental hazards

Not applicable

14.6 Special precautions for users

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

EMULSIFIER ALFA

15. Regulatory information

15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture
This Safety Data Sheet has been prepared in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Classification has been made in accordance with Regulation (EC) No 1272/2008 on the classification, labeling and packaging of substances and mixtures (CLP Regulation).

15.2 Chemical safety assessment.
Not applicable.

16. Additional information

16.1 Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DNEL: Derived No Effect Level.
EINECS: European Inventory of Existing Commercial Chemical Substances.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
LTE: Long-term exposure.
PNEC: Predicted No Effect Concentration.
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE: Short-term exposure.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.

16.2 Full text of the H phrases mentioned in point 3:

H318 - Causes serious eye damage.
H412 - Harmful to aquatic life with long lasting effects.

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.