

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CENTELLA ASIATICA OIL

1. Identification of the substance/mixture and company

Trade name: Centella Asiatica oil
 Natural product obtained by maceration in sunflower oil of the aerial part of the Centella Asiatica plant.
 I.N.C.I. Helianthus Annuus seed oil, Centella Asiatica extract
 CAS No. : 8001-21-6, 84696-21-9
 EINECS No. : 232-273-9, 283-640-5
 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

Not classified according to the 1272/2008/CE regulation.

Particular indications concerning the hazards for human and the environment: this substance is not labeled according to the 1272/2008/CE regulation.

2.2 Label elements

None

2.3 Other hazards

Results of the PBT and vPvB evaluations:

- PBT: not applicable
- vPvB: not applicable

3. Declaration of ingredients

The product contains the following ingredients:

Substance	C.A.S.	EINECS	Percent %
Helianthus Annuus seed oil	8001-21-6	232-273-9	> 90 %
Centella Asiatica extract	84696-21-9	283-640-5	< 10 %

4. First aid measures

4.1 Description of first aid measures

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CENTELLA ASIATICA OIL

In case of contact with skin: Normally, the product does not irritate the skin. In case of irritation, rinse with soap and water.

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 ingestion: Rinse the mouth with water. You can seek medical attention.

4.2 Main symptoms and effects, both acute and delayed

No data available

4.3 Indication to consult a physician immediately or any special treatments

No data available

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

No data available

5.3 Recommendations for fire-fighters

Wear self-contained breathing apparatus.

Be careful during the fight of chemicals.

6. Accidental release measures

6.1 Personal precautions, protective devices and emergency procedures

No data available

6.2 Environmental precautions

Avoid spillage into sewerage or natural environment.

6.3 Methods and materials for containment and remediation

Small spills and residues may be absorbed with material such as cloth or sawdust, washed away with water and cleaned with sodic products.

In case of large spillage: block and pump into appropriate containers.

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CENTELLA ASIATICA OIL

6.4 Reference to other sections

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

Normal work and hygiene practices for handling non-hazardous product. 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

Plastics or metallic containers are recommended. The metallic drums must be covered with interior coating in order to avoid direct contact with iron, catalytic of the oxidation. Store in a closed container, for protection against heat, sunlight and oxygen.

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

Respect the usual measures

Safety glasses may be worn. Slip proof shoes may be worn where spills may occur.

Occupational exposure limit: not applicable

Exposure controls: not applicable

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance: liquid

Color: yellow

Odor: characteristic

pH: NA

Density: 0.91 to 0.93 g/cm³

Flash point: >285°C

Auto-ignition temperature: <300°C

Solubility in/Miscibility with oils at 20°C : soluble. Not soluble in water

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CENTELLA ASIATICA OIL

9.2 Other information

None

10. Stability and reactivity

Stable under normal handling, storage and usage conditions.

10.1 Responsiveness

Not applicable

10.2 Chemical stability

Not applicable

10.3 Possibility of dangerous reactions

Unknown under normal handling, storage and usage conditions.

10.4 Conditions to avoid

Heating at more than 60°C.

10.5 Incompatible materials

Strong oxidizers.

10.6 Hazardous decomposition products

Thermal decomposition may produce CO, CO₂ and thick smoke.

11. Toxicological information

11.1 Information on toxicological effects

No data for this substance.

Data for the refined sunflower oil:

Non-toxic product for cosmetic use.

Acute toxicity: no acute toxicity is to be feared regarding the product.

Chronic toxicity: no potential chronic health effect needs to be considered.

Information on the likely routes of exposure:

- Inhalation: unknown acute effect in normal conditions of use.
- Dermal contact: unknown effect in normal conditions of use.
- Eyes contact: unknown effect in normal conditions of use.
- Ingestion: unknown acute effect in normal conditions of use.

CMR effects (Carcinogenity, Mutagenicity and toxicity for Reproduction): non carcinogenic, non-mutagenic, not toxic for reproduction.

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CENTELLA ASIATICA OIL

12. Ecological information

12.1 Toxicity

No study has been carried out for the moment. No ecological problems are to be expected when the product is handled and used with due care and attention.

12.2 Persistence and degradability

Biodegradable, but rich in DBO.

12.3 Bioaccumulation potential

No data available

12.4 Ground mobility

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Not applicable

13. Disposal considerations

13.1 Waste treatment methods

Destroy according to local, state and federal regulations
Avoid the discharge in the environment.

14. Transport information

This extract is not classified for ADR (road, directive 94/55/CE), RID (rail, directive 96/49/CE), IMDG (sea), ICAO-TI nor for IATA-DGR (air).

15. Regulatory information

15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture

This extract is not classified according to the 1272/2008/CE regulation.

15.2 Chemical safety assessment.

Not applicable

16. Additional information

16.1 Abbreviations:

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CENTELLA ASIATICA OIL

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.

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.