

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

ROSEMARY CO2 EXTRACT

1. Identification of the substance/mixture and company

Trade name: Rosemary CO2 extract
I.N.C.I. Helianthus Annuus Seed Oil, Rosmarinus Officinalis Leaf Extract
CAS No.: 56-81-5
EC No.: 200-289-5
REACH pre-registration No. : n.a
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.ellemental.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

This product is classified as not hazardous according to regulation (EC) 1272/2008 [GHS] and European Regulation 67/548/CEE or 1999/45/EC, as amended

2.2 Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

Hazards Statement None.

Signal Word None.

Precautionary Statements None.

Supplementary Precautionary Statements None.

2.3 Other hazards

Special skid risk by leaking/spilling product

3. Declaration of ingredients

3.1. Substances

Not Applicable

3.2. Mixtures

INCI-Name (CTFA): Helianthus Annuus (Sunflower) Seed Oil, CAS-no. 8001-21-6 EC-no.: 232-273-9 Approx. 60%
and Rosmarinus Officinalis (Rosemary) Leaf Extract, CAS-no. 84604-14-8 EC-no.: 283-291-9 Approx. 40%

4. First aid measures

4.1. Description of first aid measures

Seek medical attention if problems persist.

General information

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Provide fresh air.

After inhalation

Gently wash with plenty of soap and water.

After contact with skin

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

After contact with eyes

Rinse mouth immediately and drink large quantities of water.

After ingestion

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

No data available

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

No data available

5. Fire fighting measures

5.1. Extinguishing media

Foam. Carbon dioxide (CO₂). Powder

Suitable extinguishing media

Water spray.

Extinguishing media which must not be used for safety reasons

5.2. Special hazards arising from the substance or mixture

Flammable vapours can accumulate in steam space of closed systems.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus

6. Accidental release measures

6.1 Personal precautions

Avoid contact with skin, eye and clothing.

Wear personal protection equipment.

Provide adequate ventilation.

Wear respiratory protection when in the presence of vapour, dust, and aerosols.

6.2 Environmental precautions

Avoid release to the environment

6.3 Methods and materials for containment and cleaning up

Take up with oil-absorbing compound. Remove mechanically, placing in appropriate containers for disposal.

7. Handling and storage

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7.1 Precautions for safe handling

Avoid contact with skin and eyes, concentrated extracts should not be swallowed.

Wear splash goggles and oil resistant gloves.

7.2 Conditions of storage including incompatibilities

Store in a well-ventilated place. Keep container tightly closed

8. Exposure controls / personal protection

8.1 Control parameters

8.2 Exposure controls

Appropriate engineering controls: usual precautionary measures for handling chemicals should be observed.

Individual protection measures

- Respiratory protection: no special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

- Hand protection: use rubber gloves.

- Eye protection: safety glasses.

- Skin and body protection: no specific recommendation.

- Other information: usual precautions for handling chemicals should be observed.

Environmental exposure controls: environmental manager must be informed of all major spillages.

9. Physical and chemical properties

9.1 Physical and chemical properties

- Appearance at 20°C: viscous oily liquid, dark brown

- Odour: characteristic

- pH value/range: not applicable

- Melting point/range: no data available

- Boiling point/range: no data available

- Flash point: > 85 °C, closed cup

- Evaporation rate: no data available

- Flammability (solid, gas): not applicable

- Flammability: not flammable

- Explosion limits: no data available

- Vapour pressure at 20 °C: no data available

- Vapour density: no data available

- Density at 20°C: < 1.00 kg/m³

- Solubility: insoluble in water

- Partition coefficient n-octanol-water: no data available

- Autoignition temperature: no data available

- Decomposition temperature: no data available

- Viscosity at 20°C: no data available

- Explosive properties: none known

- Oxidizing properties: none known

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9.2 Other information

No information available

10. Stability and reactivity

- 10.1 Reactivity Stable under normal operational procedure.
- 10.2 Chemical stability No decomposition if stored and handled properly.
- 10.3 Possible dangerous reactions No data available
- 10.4 Conditions to avoid Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- 10.5 Materials to avoid Avoid contact with strong oxidizing agents.
- 10.6 Hazardous decomposition products No ignition, explosion, self-heating or visible decomposition

11. Toxicological information

11.1 Information about toxicological effects

Acute toxicity: No data available

Irritation No data available

Eye Mildly irritating (Lit.)

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT – single exposure Not Applicable.

STOT – repeated exposure Not Applicable.

Aspiration hazard Not Applicable.

Other information: Acute toxicity, irritation of the skin and mucous membrane, and mutagenic potential of the preparation assessed by the manufacturer on the basis of the data sheets available on the main components.

Information gaps exist on some of the main individual components. However, according to the experience of the manufacturer, no dangers above and beyond those on the product label are to be expected.

12. Ecological information

- 12.1 Toxicity: No special environmental protection measures are necessary
- 12.2 Persistence and degradability no data available.
- 12.3 Bioaccumulative potential no data available
- 12.4 Mobility no data available
- 12.5 Other adverse effects No data available

13. Disposal considerations

13.1 Waste treatment methods

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Waste disposal methods: Disposal according to local regulations.

Contaminated packaging: Disposal according to local regulations.

14. Transport information

Not classified as dangerous substance.

Not classified under IMDG or ADR regulations.

Warning icon Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO), transport not restricted in drums or food tankers.

Shipping Name Not Applicable.

UN Number (Road) Not Applicable.

ADR Class Not Applicable.

Hazard Number (ADR) Not Applicable.

Hazchem Code Not Applicable.

UN Number (Sea) Not Applicable.

IMDG Class Not Applicable.

IMDG Pack GR. Not Applicable.

EMS Not Applicable.

UN Number (Air) Not Applicable.

Air Class Not Applicable.

Air Pack GR. Not Applicable.

15. Regulatory information

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

European Union

National regulatory information

Water contaminating class (D): 2 - clearly water contaminating

15.2 Chemical safety assessment.

No information available

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.

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

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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.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

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.