

**Material safety data sheet**  
According to EU Regulation 1907/2006 in the current version  
**Carrot Herbal Oil**

**1. Identification of the substance/mixture and company**

Trade name: Carrot Herbal Oil  
 INCI Helianthus annuus (sunflower) seed oil and Daucus carota sativa root extract  
 CAS No. : 8001-21-6 / 84929-61-3  
 EINECS No. : 232-273-9 / 284-545-1  
 REACH pre-registration No. : This product is according to Annex V, paragraph 9 of Regulation (EC) n° 1907/2006, exempted from registration  
 Utilization: Raw material for cosmetic use, Skin conditioning  
 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**

Classification according to Regulation (EC) n° 1272/2008 (CLP):  
 Not classified

**2.2 Label elements**

Labeling according to Regulation (EC) n° 1272/2008 (CLP):  
 No labeling applicable

**2.3 Other hazards**

Inhalation : not dangerous  
 Skin contact : not dangerous  
 Ingestion : not dangerous  
 Eye contact : not dangerous  
 In case of leakage non-skidding shoes are required to prevent falls and sliding.  
 Results of the PBT and vPvB evaluations :  
 · PBT: not applicable  
 · vPvB: not applicable

**3. Declaration of ingredients**

**3.1 Chemical composition: high molecular weight esters and fatty acids, carotenoids**

Carrot herbal oil in refined sunflower oil

**COMPOSITION**

Constituent	N° CAS	N° EINECS	%
HELIANTHUS ANNUUS SEED OIL	8001-21-6	232-273-9	≥ 95,0
DAUCUS CAROTA SATIVA ROOT EXTRACT	84929-61-3	284-545-1	3,0-5,0

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**4. First aid measures**

**4.1 Description of first aid measures**

A medical examination is not necessary.

Inhalation: Inhalation is not a pertinent exposure route for the product due to this physical aspect and/or its composition.

Skin contact: Liberally bathe affected body parts with water and soap.

Eye contact: Rinse out carefully with plenty of water with the eyelid held wide open.

Ingestion: If the person is conscious, rinse mouth with water. Do not induce vomiting without medical advice.

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

No data / information available

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

No data / information available

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**5. Fire fighting measures**

**5.1 Extinguishing media**

Carbon dioxide, foam, dry chemical powder.

**5.2 Unsuitable extinguishing media**

Water

**5.3 Special protective equipment**

Use a protecting clothing and self – contained breathing equipment.

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**6. Accidental release measures**

**6.1 Personal precautions**

No special precautions required.

**6.2 Environmental precautions**

Avoid discharge into drinking water supplies, waste water or soil.

**6.3 Methods for cleaning up**

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

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**7. Handling and storage**

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**7.1. Handling**

No special precautions necessary. Use food contact hose pipes.

**7.2. Storage**

Keep in a cool place. Store in the original full closed drum or container to prevent over oxidation.

**7.3. Special use(s)**

None.

**8. Exposure controls / personal protection**

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No special protecting equipment required.

8.1. Occupational exposure limit  
not applicable

8.2. Exposure controls  
not applicable

**9. Physical and chemical properties**

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**9.1 General information**

- form : Liquid
- odour : Characteristic
- colour : Orange-yellowish

**9.2. Important information on health, security and environment**

pH : not applicable  
Initial boiling point [°C]: undetermined  
Flash point : >285°C  
Explosion limits : Undetermined  
Vapour pressure [20°C] : Undetermined  
Vapour pressure [20°C] : Undetermined  
Density : 0.91 to 0.93 g /cm<sup>3</sup>  
Solubility : slightly soluble in ethanol (96%), miscible with oils  
Viscosity at 20°C : undetermined  
Log P octanol / water at 20°C : Undetermined

**9.3. Other information**

NA

**10. Stability and reactivity**

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**10.1. Reactivity**

Stability: stable under normal conditions.

**10.2. Chemical stability**

The product is stable.

**10.3. Possibility of hazardous reactions**

No data / information available

**10.4. Conditions to avoid**

Heating at more than 180 °C (food use), at more than 60°C for more than 1 hour (cosmetic use), light and the oxygen of the ambient air: degradation and oxidation of the material.

**10.5. Incompatible materials**

No data / information available

**10.6. Hazardous decomposition products**

No data / information available

**11. Toxicological information**

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**11. Toxicological information**

Non toxic product : cosmetic and food 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 : No known acute effect in normal conditions of use
- Dermal contact: No known effect.
- Eye contact: No known effect.
- Ingestion : No known acute effect in normal conditions of use
- CMR effects (Carcinogenity, Mutagenicity and toxicity for Reproduction): non carcinogenic, non mutagenic, no toxic for reproduction

**12. Ecological information**

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**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. Degradability**

Completely biodegradable but rich in DBO

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12.3. Bioaccumulation potential  
No data / information available

12.4. Mobility  
No data / information available

12.5 Results of PBT and vPvB assessment  
No data / information available

12.6 Various harmful effects  
No data / information available

**13. Disposal considerations**

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13.1. Waste treatment methods  
Absorb the oil with material such as cloth, paper or sawdust and throw it in an appropriate waste bin.  
Disposal in nature: forbidden.

13.2. Elimination of the product residues  
Throw in an appropriate waste bin.

13.3. Dirty packaging  
Observe local regulations.

**14. Transport information**

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Not dangerous product

14.1 Classification  
Not classified in ADR (road, directive 94/55/CE), RID (rail, directive 96/49/CE), IMDG (sea), ICAO/IATA (air).  
Transportation in drums or food tanks.

**15. Regulatory information**

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Regulation (EC) No. 1272/2008 (CLP): product not classified as hazardous, no labeling applicable.  
Water endangering class: not water endangering.

**16. Additional information**

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16.1 Abbreviations  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling

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Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; PNEC: Predicted No Effect Concentration; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**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.