

## Material safety data sheet SDS

According to EU Regulation 1907/2006 in the current version

### Carote CO2 extract Organic

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

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Product name: Carote CO2 extract Organic  
INCI: Simmondsia Chinensis Seed Oil, Daucus Carota Root Extract, Rosmarinus Officinalis Leaf Extract  
Uses: 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](http://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

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##### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

##### 2.2 Label elements

Additional advice on labelling

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

##### 2.3. Other hazards

Special skid risk by leaking/spilling product.

#### 3. Declaration of ingredients

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##### 3.1 Substances

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##### 3.2 Mixtures

Chemical characterization

INCI-Name (CTFA): Simmondsia Chinensis (Jojoba) Seed Oil, CAS-No. 90045-98-0 and Daucus Carota (Carrot) Root Extract, CAS-No. 84929-61-3, EINECS-No. 284-545-1 and Rosmarinus Officinalis (Rosemary) Leaf Extract, CAS-No. 84604-14-8, EINECS-No. 283-291-9

Further Information

no solvent residues

#### 4. First aid measures

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##### 4.1 Description of first aid measures

General information

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Seek medical attention if problems persist.

After inhalation

Provide fresh air.

After contact with skin

Gently wash with plenty of soap and water.

After contact with eyes

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

After ingestion

Rinse mouth immediately and drink large quantities of water.

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

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5.1 Extinguishing media

Suitable extinguishing media

foam, CO2, powder

Extinguishing media which must not be used for safety reasons  
water stream

5.2 Special hazards arising from the substance or mixture  
formation of dangerous fumes possible

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

## 6. Accidental release measures

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6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe gas/vapour/spray.

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

6.2 Environmental precautions

Do not empty into drains or the aquatic environment.

6.3 Methods and material for containment and cleaning up

Remove mechanically, placing in appropriate containers for disposal.

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## **7. Handling and storage**

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### **7.1 Precautions for safe handling**

#### **Advice on safe handling**

Avoid contact with skin and eyes, concentrated extracts should not be swallowed.  
wear splash goggles and oilresistent gloves.

### **7.2 Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage rooms and vessels**

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

#### **Further information on storage conditions**

keep dark and dry, avoid heat

### **7.3 Specific end use(s)**

No further information

## **8. Exposure controls / personal protection**

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### **8.1 Control parameters**

### **8.2 Exposure controls**

#### **Protective and hygiene measures**

remove contaminated clothes

#### **Respiratory protection**

do not breathe vapour / aerosol

#### **Hand protection**

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### **Eye protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### **Skin protection**

wear clothing as usual in chemical industry

## **9. Physical and chemical properties**

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Physical state: liquid oil

Colour: dark red

Odour: characteristic

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#### Changes in the physical state

Melting point: No data available

Initial boiling point and boiling range: No data available

Sublimation point: No data available

Softening point: No data available

Flash point: > 65 °C closed cup

#### Flammability

Solid: No data available

Gas: No data available

No data available

#### Explosive properties

Lower explosion limits: No data available

Upper explosion limits: No data available

Ignition temperature: No data available

#### Auto-ignition temperature

Solid: No data available

Gas: No data available

Vapour pressure: No data available

Vapour pressure: No data available

Density: < 1,00 g/cm<sup>3</sup> pycnometer

Bulk density: No data available

Water solubility: insoluble

#### Solubility in other solvents

good soluble in fat phases

Partition coefficient: No data available

Viscosity / dynamic: No data available

Viscosity / kinematic: No data available

Flow time: No data available

Vapour density: No data available

Evaporation rate: No data available

Solvent content: no solvent residues

## 10. Stability and reactivity

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### 10.1 Reactivity

No data available

### 10.2 Chemical stability

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No data available

#### 10.3 Possibility of hazardous reactions

No data available

#### 10.4 Conditions to avoid

heat, open flame, sun light

#### 10.5 Incompatible materials

No data available

#### 10.6 Hazardous decomposition products

none - when carefully used

Further information

no decomposition in the application field

### 11. Toxicological information

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#### Acute toxicity

According to our knowledge, the chemical, physical and toxicological properties have not been examined extensively.

#### Irritation and corrosivity

No data available

#### Sensitising effects

No data available

#### Severe effects after repeated or prolonged exposure

No data available

#### Carcinogenic/mutagenic/toxic effects for reproduction

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### Empirical data on effects on humans

No data available

### 12. Ecological information

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#### 12.1. Toxicity

No data for ecological evaluation on hand

Under appropriate use there are no ecological problems to expect

#### 12.2. Persistence and degradability

No data available

#### 12.3. Bioaccumulative potential

No data available

#### 12.4. Mobility in soil

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No data available

12.5. Results of PBT and vPvB assessment

No data available

Further information

no heavy metals and inorganic components

### 13. Disposal considerations

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13.1. Waste treatment methods

Advice on disposal

Waste disposal number of waste from residues/unused products

160306 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes other than those mentioned in 16 03 05

Contaminated packaging

in accordance with valid regulations

### 14. Transport information

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Land transport (ADR/RID)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no



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#### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.

Other applicable information

no dangerous good in the sense of the transport regulations

### 15. Regulatory information

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

National regulatory information

Water contaminating class (D): 2 - water contaminating

### 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 Packaging Regulation; Regula-tion (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 - Emergen-cy Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good La-boratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships car-rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna-tional 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 popula-tion; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - Interna-tional 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) Ef-fect 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 sub-stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quanti-tative) 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 Re-striction 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; TECL - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances;

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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.