



Version 10.01.2018

## Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

### SEABUCKTHORN SEED OIL CO2 ORGANIC

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

Trade name: Seabuckthorn seed oil CO2 organic  
Utilisation: Personal care, cosmetics  
Supplier company: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, jud.Bihor, Romania  
identification: Tel/Fax: +40259-436.755, www.elemental.eu  
Emergency: RO: numar national pentru cazuri de urgenta: 021 3183606 Institutul de Sanatate Publica Bucuresti. International emergency number: +49 180 2273-112

#### 2. Hazards Identification

##### Classification

This substance is not classified as dangerous according to Directive 67/548/EEC.

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

Explication of special hazards for human health and environment

Special skid risk by leaking/spilling product.

#### 3. Composition / Information on ingredients

INCI-Name: Hippophae rhamnoides kernel extract and rosmarinus officinalis leaf extract

CAS-no. 84961-57-9; EC-no. 284-646-0 and CAS-no. 84604-14-8; EC-no. 283-291-9

Contains no carriers and no other technical additives, is not reinforced, not blended, not formulated, not diluted.

Stabilizer: rosemary natural antioxidant, organic, less than or equal to 0,1 %

Raw material: Hippophae rhamnoides - seed, dried, from organic farming

Production: By supercritical fluid extraction with natural carbon dioxide, no solvent residues, no inorganic salts, no heavy metals, no reproducible microorganisms

Main constituents: Fatty oil with a high content of polyunsaturated fatty acids including 14 - 21 % oleic acid (C18:1), 34 - 41 % linoleic acid (C18:2) and 24 - 35 % alpha-linolenic acid (C18:3), 1 - 6 % of unsaponifiable ingredients with a high content of sterols, carotenoids, alkanols and tocopherols

#### 4. First Aid

In the event of skin contact: Take off contaminated clothing. Wash immediately with soap and plenty of water. If irritation, get medical advice.

In the event of eye contact: Flush immediately with plenty of flowing water for at least 10 minutes, holding eyelids apart. Consult an ophthalmologist.

In the event of ingestion: I swallowed, rinse mouth with water. DO NOT induce vomiting. Get medical advice, showing label information.

In the event of excessive inhalation: Move the victim to fresh air. In case of breathing difficulty, seek medical advice

#### 5. Fire-fighting Measures

##### 5.1 Extinguishing media

Recommended : foam, dry powder, carbon dioxide (CO<sub>2</sub>). Inadvisable : avoid full water jet.

##### 5.2 Special hazards

In case of fire, toxic fumes like carbon monoxide and carbon dioxide may be liberated. Burning produces smoke, do not inhale fumes.

##### 5.3 Particular protective measures

Particular protective measures when fire-fighting: The pressure in the closed containers may increase with high temperature. Cool the endangered drums by water spraying or by an appropriate produce if water is not authorized.



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#### 5.4 Advice for firefighters

Move undamaged containers from immediate hazard area if it can be done safely. Use suitable breathing apparatus.

Regard to self protection.

#### 6. Accidental release measures:

##### 6.1 Individual precautions

Remove all sources of ignition (Avoid all flammable sources. Do not smoke.) Provide adequate ventilation. Give a warning to people in the hazardous area. Wear personal protection equipment. Avoid contact with eyes.

##### 6.2 Precautions for environmental conservation

Stop the substance to enter into drains and groundwater. Prevent spreading over a wide area.

##### 6.3 Cleaning methods

Limit the dispersion of the product. Absorb the liquid with an inert absorbent, such as oil or sand. Wash with a grease extractor. Get rid of the duster and sponges used, according to local regulations.

#### 7. Handling and Storage

##### 7.1 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 Storage

Requirements for storage rooms and vessels: no special measures necessary

Further information on storage conditions: keep dark and dry, avoid heat

#### 8. Exposure Controls and Personal Protection

##### 8.1 Control parameters

No data available.

##### 8.2 Exposure controls

Follow usual hygiene rules. Wash hands after handling the product. Keep away from food and beverages. Provide accessible fire-extinguisher.

Respiratory protection: Generally unnecessary in a well-ventillated area. If ventilation is insufficient, respiratory protection must be worn. For pulverulent products, the wearing of a mask is recommended.

Hand protection: When handling chemical substances, chemical protective gloves must be worn with CE label including a four digit code. German Industry Norms (DIN) / European Norms (EN): EN 374

Eye protection: The wearing of adequate safety glasses is advised. Prescription glasses do not qualify as safety glasses.

Contact lenses users should wear prescription and safety glasses while using the product.

Skin protection: Wear personal safety equipment. Handle the product with care.

#### 9. Physical and Chemical Properties

##### 9.1 General information

Physical state: liquid oil at room temperature

Colour: orange

Odour: characteristic

##### 9.2 Health, security and environmental information

pH value: not applicable

Flash point: > 65 °C closed cup

Density (at 20 °C): 0.910-0.930 g/cm<sup>3</sup> pycnometer

Water solubility: (at 20 °C) insoluble



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Solubility in other solvents: good soluble in fat phases  
Solvent content: no solvent residues

#### 10. Stability and Reactivity

##### 10.1 Condition to avoid

Excessive heat, open flames or other sources of ignition. This product is stable at room temperature.

##### 10.2 Material to avoid or incompatible: strong acids, alkali or oxidizing agents

##### 10.3 Dangerous decomposition products

No dangerous decomposition product known, if used according to specifications.

#### 11. Toxicological Information

##### Acute toxicity

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

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.

#### 12. Ecological Information

Avoid any pollution of soil, ground and surface waters. Biodegradability not determined.

Ecotoxicity: No data for ecological evaluation on hand. Under appropriate use there are no ecological problems to expect.

Further information: no heavy metals and inorganic components

#### 13. Disposal Considerations

Dispose of or recycle waste material in accordance with local and EC environmental regulations.

Air emission : avoid. Wastewater disposal : avoid. Release into natural environment: avoid

Contaminated packaging: in accordance with valid regulations

#### 14. Transport Information

Transport : no dangerous good in the sense of the transport regulations

#### 15. Additional Regulatory Information

Additional advice on labelling: The product does not require special labelling according to the regulation 67/548/EEC.

National regulatory information

Water contaminating class (D): not water contaminating

#### 16. Other Information

##### 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



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handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.