

**Material safety data sheet**  
According to EU Regulation 1907/2006 in the current version  
**Organic Virgin Argan Oil**

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

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Trade name: Organic Virgin Argan Oil  
Plant oil obtained from Argan seeds by cold pressure.

INCI Argania spinosa kernel oil

CAS No. : 223747-87-3 / 299184-75-1

EINESCS No. : -

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 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**

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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.

**3. Declaration of ingredients**

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3.1 Chemical composition: high molecular weight esters and fatty acids

Chemical composition: glycerol triester and fatty acids

CAS number : 223747-87-3 / 299184-75-1

Name and EINECS number : Argania Spinosa Kernel oil

**4. First aid measures**

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4.1 Description of first aid measures

A medical examination is not necessary.

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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**

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.

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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 : odorless
- colour : yellow

9.2. Important information on health, security and environment

- pH : not applicable
- initial boiling point [°C]: undetermined
- flash point : undetermined
- explosion limits : undetermined
- vapour pressure [20°C] : undetermined
- vapour pressure [20°C] : undetermined
- density : see technical data sheet
- solubility : slightly soluble in ethanol (96%), miscible with light petroleum
- viscosity at 20°C : undetermined
- Log P octanol / water at 20°C : undetermined

9.3. Other information

- autoignition temperature : >300°C

**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

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10.4. Conditions to avoid

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

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

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

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12.6 Various harmful effects  
No data / information available

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**13. Disposal considerations**

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.

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**14. Transport information**

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

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

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**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.

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.

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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.

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