



**Material safety data sheet**  
According to EU Regulation 1907/2006 in the current version  
**BURDOCK OIL**

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

Trade name:	BURDOCK OIL
I.N.C.I.	Helianthus Annus Seed Oil, Arctium Lappa Root Extract
CAS No. :	84012-13-5 / 8001-21-6
EINESCS No. :	281-658-8 / 232-273-9
REACH pre-registration No. :	/
Utilization:	Raw material for cosmetic or professional use
Supplier company identification:	<b>Elemental SRL</b> , 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

#### 2.1 Classification of the substance or mixture

Classification (67/548/EEC) This product is not dangerous according to REACH Regulation 1907/2006.

Classification (EU1272/2008)

This product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 & any further amendments, nor to those having recognized exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills can constitute a slippage hazard.

#### 2.2 Label elements

Label in accordance with Regulation (EC) No 1272/2008.

GHS Label None.

Signal Word None.

Contains None.

Hazards Statement None.

Signal Word None.

Precautionary Statements None.

Supplementary Precautionary Statements None.

#### 2.3 Other hazards

Adverse physio-chemical properties None.

Adverse effects on human health None.

### 3. Declaration of ingredients

#### 3.1. Substances

Not Applicable.

#### 3.2. Mixtures

Not Applicable.

### 4. First aid measures

#### 4.1 Description of first aid measures



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General Information Always remove contaminated clothing immediately.  
Inhalation Not expected for this particular product, however always best avoiding proactive inhalation  
Ingestion No instruction as this is a non-toxic product.  
Skin Contact No instruction as this is a non-toxic product.  
Eye Contact Wash immediately & thoroughly with clean tap water

4.2 Main symptoms and effects, both acute and delayed  
None.

4.3 Indication to consult a physician immediately or any special treatments  
No data available

## 5. Fire fighting measures

5.1 Means of extinction

Suitable extinguishing media: Foam, Co2, Dry Chemical Powder.

5.2 Special hazards arising from the substance or mixture

This product may only form ignitable mixtures or burn above the flash point. Dangerous combustion products include smoke & oxides of carbon.

5.3 Recommendations for fire-fighters

Standard. Wear self-contained breathing apparatus in confined spaces.

## 6. Accidental release measures

6.1 Personal precautions, protective devices and emergency procedures

None Required.

6.2 Environmental precautions

None Required.

6.3 Methods and materials for containment and remediation

Spills can be absorbed by cloth or sawdust, washed away with water & cleaned with sodic products.

6.4 Reference to other sections

Refer & consider section 8.

Refer & consider section 13.

## 7. Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prevent spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not eat, drink, sniff or



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smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums & heavy packages.

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

Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.

#### 7.3 Specific end uses

No data available

### 8. Exposure controls / personal protection

#### 8.1 Control parameters

No data available

#### 8.2 Exposure controls

Eye Protection Not required as a non-toxic product, however we still recommend taking precautions by wearing protective eye-wear when handling the product.

Hand Protection None.

Respiratory Equipment None.

Hygiene Measures None.

Engineering Measures None.

### 9. Physical and chemical properties

#### 9.1 Information on physical and chemical properties

Appearance: oily liquid

Color: pale yellow

Odor: characteristic

pH-value: no data available

Melting point: no data available

Boiling point: >100°C

Sublimation point: no data available

Softening point: no data available

Flash point: > 280 °C

Lower explosion limits: no data available

Upper explosion limits: no data available

Vapor pressure: no data available

Relative density : 0.903-0.925

Refractive index: 1.460-1.510

Water solubility: insoluble

Solubility in other solvents: no data available

Partition coefficient: no data available

Vapor density: no data available

#### 9.2 Other information

None

### 10. Stability and reactivity

#### 10.1 Responsiveness



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No data available

**10.2 Chemical stability**

Stable under suggested storage conditions (<20°C).

**10.3 Possibility of dangerous reactions**

No

**10.4 Conditions to avoid**

Stable under suggested storage conditions (<20°C).

**10.5 Incompatible materials**

Concentrated acids, alkalis & oxidising agents.

**10.6 Hazardous decomposition products**

This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke.

## 11. Toxicological information

**11.1 Information on toxicological effects**

**Acute Toxicity**

A non-toxic product. For pharmaceutical & cosmetic use only. This product does not carry a microbiological specification as it is sterilised in the refining process. It does not contain any impurities. This product is not included in the list of substances prohibited in cosmetic products or subject to restrictions. It does not contain colorants, preservatives or UV filters (Annex II – VI of EU regulation 1223/2009).

Skin irritation Not Applicable.

Eye damage or irritation Not Applicable.

Respiratory or skin sensitivity Not Applicable.

Germ cell mutagenicity Not Applicable.

Carcinogenicity Not Applicable.

Reproductive toxicity Not Applicable.

STOT – single exposure Not Applicable.

STOT – repeated exposure Not Applicable.

Aspiration hazard Not Applicable.

Other information Not Applicable.

## 12. Ecological information

**12.1 Toxicity**

Low - None.

**12.2 Persistence and degradability**

>90% (OECD)

**12.3 Bioaccumulation potential**

None.

**12.4 Ground mobility**

Low – None.

**12.5 Results of PBT and vPvB assessment**



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No data available e

12.6 Other adverse effects

None.

**13. Disposal considerations**

13.1 Waste treatment methods

Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.

**14. Transport information**

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

Not applicable.

15.2 Chemical safety assessment.

No data 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.

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.



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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.

#### DECLARATION OF ALLERGENS

7th Amendment to Directive 76/768/EC, annex III, part I (2003/15/EC)

I.N.C.I.	C.A.S.	%
Alpha-Hexyl cinnamic aldehyde (HCA)	101-86-0	0.0000
Amyl cinnamic alcohol	101-85-9	0.0000
Amyl cinnamic aldehyde (ACA)	122-40-7	0.0000
Anisyl alcohol	105-13-5	0.0000
Benzyl salicylate	118-58-1	0.0000
Benzyl benzoate	120-51-4	0.0000
Benzyl cinnamate	103-41-3	0.0000
Benzyl alcohol	100-51-6	0.0000
Cinnamic alcohol	104-54-1	0.0000
Cinnamic aldehyde	104-55-2	0.0000
Citral	5392-40-5	0.0000
Citronellol	106-22-9	0.0000
Coumarin (2p-1-benzopyran-2-one)	91-64-5	0.0000
d-Limonene	5989-27-5	0.0000
Eugenol	97-53-0	0.0000
Farnesol	4602-84-0	0.0000
Geraniol	106-24-1	0.0000
Lylal (Hydroxymethylpentyl cyclohexene carbaldoxaldehyde)	31906-04-4	0.0000
Hydroxycitronellal	107-75-5	0.0000
Isoeugenol	97-54-1	0.0000
alpha-Iso-methyl ionone	127-51-5	0.0000
Linalool	78-70-6	0.0000
Methyl heptine carbonate	111-26-6	0.0000
Oakmoss absolute	9000-50-4	0.0000
p-tert-Butyl-alpha- methylhydrocinnamic aldehyde	80-54-6	0.0000
Tree moss	68648-41-9	0.0000
Evernia prunastri extract	90028-68-5	0.0000
Evernia furfuracea extract	90028-67-4	0.0000



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	Present product	Contamination
Cereals (containing gluten)	NO	NO
Crustaceans	NO	NO
Eggs	NO	NO
Fish	NO	NO
Peanuts	NO	NO
Soya	NO	NO
Milk	NO	NO
Nuts	NO	NO
Celery celeriac	NO	NO
Mustard	NO	NO
Sesame	NO	NO
Sulphur dioxide sulphites	NO	NO
Lupin	NO	NO
Mollusc	NO	NO

**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.