



Material safety data sheet

According to EU Regulation 1907/2006 in the current version

ARNICA CO2 EXTRACT

1. Identification of the substance/mixture and company

Trade name: Arnica CO2 extract
I.N.C.I. Helianthus Annus seed oil and Arnica Montana flower extract
CAS No. : 8001-21-6, 68990-11-4
EINESCS No. : 232-273-9, 273-579-2
REACH pre-registration No. : /
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

2.1 Classification of the substance or mixture

Indications of danger: Xn - Harmful

Classification according to Regulation (EC) No. 1272/2008 [CLP]

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

2.2 Label elements

None

2.3 Other hazards

Special skid risk by leaking/spilling product.

3. Declaration of ingredients

The product contains the following ingredients:

Substance	C.A.S.	EINECS	Percent %
Helianthus Annuus (Sunflower) Seed Oil	8001-21-6	232-273-9	70 %
Arnica Montana (Arnica) Flower Extract	68990-11-4	273-579-2	30 %

4. First aid measures

4.1 Description of first aid measures

General information: Seek medical attention if problems persist.

In case of contact with skin: Gently wash with plenty of soap and water.

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

In case of inhalation: Provide fresh air

In case of ingestion: Rinse mouth immediately and drink large quantities of water



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4.2 Main symptoms and effects, both acute and delayed

No data available

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, carbon dioxide (CO₂), powder

Extinguishing media which must not be used for safety reasons: water spray

5.2 Special hazards arising from the substance or mixture

Flammable vapors can accumulate in steam space of closed systems.

5.3 Recommendations for fire-fighters

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

6. Accidental release measures

6.1 Personal precautions, protective devices and emergency procedures

Avoid contact with skin, eye and clothing.

Wear personal protection equipment.

Provide adequate ventilation.

Wear respiratory protection when in the presence of vapor, dust, and aerosols.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and materials for containment and remediation

Take up with oil-absorbing compound. Remove mechanically, placing in appropriate containers for disposal.

6.4 Reference to other sections

Disposal of the contaminated material must be carried out in accordance with the provisions of point 13.

7. Handling and storage

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 oil resistant gloves.

Advice on protection against fire and explosion: Keep away from sources of ignition - No smoking.

7.2 Conditions for safe storage, including any incompatibilities



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Requirements for storage rooms and vessels: Store in a well-ventilated place. Keep container tightly closed.

7.3 Specific end uses

None

8. Exposure controls / personal protection

8.1 Control parameters

There are no specific control parameters.

8.2 Exposure controls



Protective and hygiene measures: Remove contaminated clothes.

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.

Skin protection: Wear clothing as usual in chemical industry.

Respiratory protection: Do not breathe vapor/aerosol.

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

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance: liquid

Color: dark brown

Odor: characteristic

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

Explosive properties: No data available

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

Vapor pressure: No data available



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Vapor pressure: No data available
Density: < 1,00 g/cm³ (pycnometer)
Bulk density: No data available
Water solubility: insoluble
Partition coefficient: No data available
Viscosity/dynamic: No data available
Viscosity/kinematic: No data available
Flow time: No data available
Vapor density: No data available
Evaporation rate: No data available

9.2 Other information

None

10. Stability and reactivity

10.1 Responsiveness

No data available

10.2 Chemical stability

No data available

10.3 Possibility of dangerous reactions

No data available

10.4 Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No ignition, explosion, self-heating or visible decomposition.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity: No data available

Irritation and corrosivity: No data available

Sensitizing effects: No data available

Severe effects after repeated or prolonged exposure: No data available

Carcinogenic/mutagenic/toxic effects for reproduction: No data available

Empirical data on effects on humans: No data available

12. Ecological information

12.1 Toxicity

No special environmental protection measures are necessary.

12.2 Persistence and degradability

No data available



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12.3 Bioaccumulation potential

No data available

12.4 Ground mobility

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Not applicable

13. Disposal considerations

13.1 Waste treatment methods

Advice on disposal: Waste disposal according to official state regulations.

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: Waste disposal according to official state regulations

14. Transport information

14.1 UN number

ADR: No dangerous good in sense of this transport regulation.

IMDG: No dangerous good in sense of this transport regulation.

IATA: No dangerous good in sense of this transport regulation.

14.2 UN shipping name

ADR: No dangerous good in sense of this transport regulation.

IMDG: No dangerous good in sense of this transport regulation.

IATA: No dangerous good in sense of this transport regulation.

14.3 Class of danger for transport

ADR: No dangerous good in sense of this transport regulation.

IMDG: No dangerous good in sense of this transport regulation.

IATA: No dangerous good in sense of this transport regulation.

14.4 Packing group

ADR: No dangerous good in sense of this transport regulation.

IMDG: No dangerous good in sense of this transport regulation.

IATA: No dangerous good in sense of this transport regulation.

14.5 Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6 Special precautions for users

No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

No data available

15. Regulatory information



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15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture
Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 1 - slightly water contaminating

15.2 Chemical safety assessment.

Chemical safety assessments for substances in this mixture were not carried out.

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.

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.