

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Meadowfoam oil

1. Identification of the substance/mixture and company

Trade name: Meadowfoam oil
 I.N.C.I. Limnanthes Alba Seed Oil
 CAS No. : 153065-40-8
 EINESCS No. : 604-884-4
 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

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

2.2 Label elements

No information available.

3. Declaration of ingredients

3.1. Substances

Material	C.A.S	EC No	Quantity
Meadowfoam Seed Oil	153065-40-8	604-884-4	100%

3.2. Mixtures

Not concerned

4. First aid measures

4.1 Description of first aid measures

General information

If used properly, no special measures are necessary.

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

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Rinse mouth immediately and drink plenty of water.

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

Treat symptomatically

5. Fire fighting measures

5.1 Means of extinction

Suitable extinguishing media: Co-ordinate fire-fighting measures to the fire surroundings.

5.2 Special hazards arising from the substance or mixture

Non-flammable

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

Use personal protection equipment.

6.2 Environmental precautions

No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental legislation

6.3 Methods and materials for containment and remediation

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

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No special measures are necessary.
Advice on protection against fire and explosion
No special fire protection measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep container tightly closed.
Hints on joint storage
No special measures are necessary.

7.3 Specific end uses

Vegetable oil for different applications

8. Exposure controls / personal protection

8.1 Control parameters

Additional advice on limit values
To date, no national critical limit values exist.

8.2 Exposure controls

Protective and hygiene measures
Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink

Eye/face protection

Wear eye protection/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance: liquid

Color: light yellow

Odor: characteristic

pH-value: no data available

Melting point: no data available

Initial boiling point and boiling range: >350°C

Flash point: > 200 °C

Flammability

Solid: not applicable

Gas: not applicable

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Lower explosion limits: no data available

Upper explosion limits: no data available

Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: no data available

Not oxidising.

Oxidizing properties

Vapour pressure: no data available

Density (at 20 °C): 1,47 g/cm³

The study does not need to be conducted because the substance is known to be insoluble in water.

Water solubility: no data available

Solubility in other solvents

Partition coefficient: no data available

Vapour density: no data available

Evaporation rate: no data available

9.2. Other information

None

10. Stability and reactivity

10.1 Responsiveness

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of dangerous reactions

No known hazardous reactions.

10.4 Conditions to avoid

None

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information

11.1 Information on toxicological effects

Additional information on tests

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

12. Ecological information

12.1 Toxicity

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The product is not: Ecotoxic.

12.2 Persistence and degradability

Readily biodegradable (according to OECD criteria)

12.3 Bioaccumulation potential

The product has not been tested.

12.4 Ground mobility

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

Avoid release to the environment.

13. Disposal considerations

13.1 Waste treatment methods

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

14. Transport information

14.1 UN number

Not a dangerous good in sense of the transport regulation.

14.2 UN shipping name

Not a dangerous good in sense of the transport regulation.

14.3 Class of danger for transport

Not a dangerous good in sense of the transport regulation.

14.4 Packing group

Not a dangerous good in sense of the transport regulation.

14.5 Environmental hazards

Not a dangerous good in sense of the transport regulation.

14.6 Special precautions for users

Not applicable

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

Not applicable.

15. Regulatory information

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15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture

EU regulatory information

Information according to 2012/18/EU

(SEVESO III):

Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D): awg - generally hazardous to water

15.2 Chemical safety assessment.

For this substance a chemical safety assessment has not been 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.