

# Material Safety Data Sheet

## SECTION 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Meadowfoam Seed Oil  
INCI Name: Limnanthes Alba (Meadowfoam) Seed Oil  
Recommended Use: for topical use in cosmetics only

Manufacturer: CAMDEN-GREY ESSENTIAL OILS  
3567 NW 82 Avenue, Doral, FL 33122  
Tel: 305-500-9630 / Fax: 305-500-9425  
[www.camdengrey.com](http://www.camdengrey.com)

## SECTION 2: HAZARDS IDENTIFICATION

No adverse health effects

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number(s)</u>	<u>Weight, %</u>
Meadowfoam Oil	169107-13-5 153065-40-8 68956-68-3 84988-87-4	100

## SECTION 4: FIRST AID MEASURES

- a. Eye contact: none
- b. Skin contact: none
- c. Inhalation: none
- d. Ingestion: none

## SECTION 5: FIREFIGHTING MEASURES

- a. Suitable extinguishing media: foam, CO<sub>2</sub>, dry chemical  
Unsuitable extinguishing media: water
- b. Special hazards upon combustion: none
- c. Special equipment for firefighters: none

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- a. Personal precautions, protective equipment, and emergency procedures: none
- b. Environmental precautions and protective procedures: none

- c. Methods and materials for containment and clean-up:  
Dike and absorb with sand or industrial absorbent. Wash area with aqueous detergent solution to remove residual product.

#### **SECTION 7: HANDLING AND STORAGE**

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- a. Precautions for safe handling: none  
b. Conditions for safe storage: storage in a cool, dry area (approx. 17-25° C) in tightly sealed approved containers

#### **SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION**

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- a. Control parameters: none  
b. Appropriate engineering controls: none  
c. Personal protective equipment:  
    Respiratory protection: none  
    Eye protection: goggles at elevated temperatures  
    Hands protection: gloves at elevated temperatures  
    Body protection: none

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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- a. Appearance: light yellow liquid  
b. Odor: none / characteristic fatty odor  
c. Odor threshold: not available  
d. pH: not available  
e. Melting point: 5-7° C  
f. Boiling point: not available  
g. Flash point: 334° C  
h. Evaporation rate: not available  
i. Flammability: fire point: 356° C  
j. Explosive limits: not available  
k. Vapor pressure: not available  
l. Solubility (at 25° C):  
    Water: insoluble  
    Ethyl alcohol: slightly soluble  
    Ethyl acetate: soluble  
m. Vapor density: not available  
n. Relative density: not available  
o. Partition coefficient: not available  
p. Auto-ignition temperature: not available  
q. Decomposition temperature: not available  
r. Kinematic viscosity: 50 cSt @ 40° C  
s. Formula mass: approx. 1,000 g/mol

#### **SECTION 10: STABILITY AND REACTIVITY**

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- a. Chemical stability: stable  
b. Possibility of hazardous reactions: none known  
c. Conditions to avoid: none known  
d. Hazardous decomposition products: none known

## **SECTION 11: TOXICOLOGICAL INFORMATION**

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- a. Likely routes of exposure: skin contact, ingestion
- b. Toxicological effects:
  - Acute oral toxicity: LD<sub>50</sub> (rats): > 5 g / kg
  - Primary skin irritation: non-irritant (rabbits)
  - Repeat insult patch test (RIPT): no signs or symptoms of skin sensitization (human)

## **SECTION 12: ECOLOGICAL INFORMATION**

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No adverse ecotoxic effects known

## **SECTION 13: DISPOSAL CONSIDERATIONS**

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- a. Disposal method:

Observe local, state, and federal regulations in the disposal of all chemicals. Despite the benign nature of Meadowfoam Seed Oil, chemical residues generally count as special waste. We recommend that you contact either the authorities in charge or approved waste disposal companies to advise you on how to dispose of special waste.
- b. Packaging  
Dispose of in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself.

## **SECTION 14: TRANSPORT INFORMATION**

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Not subject to transport regulations

## **SECTION 15: REGULATORY INFORMATION**

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Toxic Substances Control Act (TSCA, US): not subject to TSCA  
REACH: pre-registration complete

## **SECTION 16: OTHER INFORMATION**

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- a. Information source: Natural Plant Products
- b. Date of first issue: March 11, 2010
- c. Revision number: 1
- d. Date of revision: October 14, 2010
- e. Reason for revision: Update address and contact information
- f. Revision number: 2
- g. Date of revision: August 16, 2011
- h. Reason for revision: Update header