



The Original Producers of *Meadowfoam Seed Oil*™

Natural Plant Products INC



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Safety Data Sheet



This form is regarded to be in compliance with EC Directive 91/155/EEC

1. Identification of the substance/preparation and of the company/undertaking <i>Identification of the product</i> Trade Name: Meadowfoam Seed Oil INCI Name: Limnanthes alba (Meadowfoam) Seed Oil <i>Manufacturer/Supplier identification</i> Company: Natural Plant Products, Inc. Contact for information: Natural Plant Products, Inc. • Tel: 503.363.6402 • Fax: 503.587.8717 Emergency telephone No: 503.363.6402	
2. Composition/info. on ingredients <i>Synonyms:</i> Meadowfoam Oil; Limnanthes Alba Oil CAS-No.: 153065-40-8 EINECS-No.: 310-127-6 JCID-No. (Japan): 521124 Chemical Family: Fatty Acid Triglyceride	3. Hazards identification No adverse health effects known. 4. First aid measures After ingestion: none After skin contact: none After eye contact: none After inhalation: none
5. Fire-fighting measures Suitable extinguishing media: Special risks: Special protective equipment for fire fighting: Other information:	Foam, CO ₂ , dry chemical Combustible. Oil soaked rags may ignite. None Do not use water.
6. Accidental release measures <i>Procedures for cleaning/absorption</i> Dike and absorb with sand or industrial absorbent. Wash area with aqueous detergent solution to remove residual product.	
7. Handling and storage Handling: No further requirements. Storage: Store in a cool dry area (approx. 17° - 22° C) in tightly sealed approved containers.	
8. Exposure controls/personal protection Personal protective equipment: No special protective equipment requirements. Industrial hygiene: No special hygiene requirements.	

<p>9. Physical and chemical properties</p> <p>Form: liquid Colour: clear yellow Odour: odourless</p> <p>Boiling temperature: > 300° C Cloud point: ~ 5° C Flash point, open cup: > 260° C Ignition temperature: not available Explosion limits: not available Relative vapour density: not available Viscosity, cp, 25° C: 85</p>	<p><i>Solubility in:</i></p> <p>Water (25° C) insoluble Glycerine (25° C) slightly soluble Ethyl Alcohol (25° C) slightly soluble Ethyl Acetate (25° C) soluble (clear)</p> <p>Refractive index, n_D25: 1.470 Iodine value, Wijs: 92 Acid value, max: 0.06 Saponification value: 169 Unsaponifiable matter: 0.1% Density, g/ml, 25° C: 0.91</p>
<p>10. Stability and reactivity</p> <p>Conditions to be avoided: none known Substances to be avoided: none known Hazardous decomposition products: none known Hazardous polymerization: will not occur</p>	<p>11. Toxicological Information</p> <p><i>Acute toxicity</i> LD₅₀ (oral, rat): >5.0 g/kg</p> <p><i>Further toxicological information</i> Non-irritant, no adverse health effects known</p>
<p>12. Ecological information</p> <p><i>Ecotoxic effects</i> No adverse ecotoxic effects known.</p> <p><i>Further ecological data</i> No ecological problems are to be expected when the product is handled and used with due care and attention similar to other naturally occurring vegetable oil.</p>	
<p>13. Disposal considerations</p> <p><i>Product</i> There are no uniform EC Regulations for the disposal of chemicals. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.</p> <p><i>Packaging</i> Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.</p>	
<p>14. Transport information</p> <p>Not subject to transport regulations.</p>	<p>15. Regulatory information</p> <p>Label according to EC Directives</p>
<p>16. Other information</p> <p>This Safety Data Sheet is available on the Internet at www.meadowfoam.com.</p>	
<p>Natural Plant Products, Inc., believes that the data contained herein is factual. This data is not to be taken as a warranty or representation of legal responsibility. It is offered solely for your consideration, investigation, and verification.</p>	
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