



The Original Producers of *Meadowfoam Seed Oil*™

# Natural Plant Products INC



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## Material Safety Data Sheet



This form is regarded to be in compliance with 29 CFR Part 1910.1200

<b>1. Chemical product and company information</b> <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	
<b>2. Composition/info. on ingredients</b> <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	<b>3. Hazards identification</b> No adverse health effects known.  <b>4. First aid measures</b> After ingestion: none After skin contact: none After eye contact: none After inhalation: none
<b>5. Fire-fighting measures</b> Suitable extinguishing media: Foam, CO <sub>2</sub> , dry chemical Special risks: Combustible. Oil soaked rags may ignite. Special protective equipment for fire fighting: None Other information: Do not use water.	
<b>6. Accidental release measures</b> <i>Procedures for cleaning/absorption</i> Dike and absorb with sand or industrial absorbent. Wash area with aqueous detergent solution to remove residual product.	
<b>7. Handling and storage</b> Handling: No further requirements. Storage: Store in a cool dry area (approx. 17° - 22° C) in tightly sealed approved containers.	
<b>8. Exposure controls/personal protection</b> Personal protective equipment: No special protective equipment requirements. Industrial hygiene: No special hygiene requirements.	

<p><b>9. Physical and chemical properties</b></p> <p>Form: liquid  Color: clear yellow  Odor: odorless</p> <p>Boiling temperature: &gt; 300° C  Cloud point: ~ 5° C  Flash point, open cup: &gt; 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<sub>D</sub>25: 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><b>10. Stability and reactivity</b></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><b>11. Toxicological Information</b></p> <p><i>Acute toxicity</i>  LD<sub>50</sub> (oral, rat): &gt;5.0 g/kg</p> <p><i>Further toxicological information</i>  Non-irritant, no adverse health effects known</p>
<p><b>12. Ecological information</b></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><b>13. Disposal considerations</b></p> <p><i>Product</i>  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. The disposal of the latter is regulated through corresponding laws and regulations, such as the Resource Conservation and Recovery Act. 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.</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><b>14. Transport information</b></p> <p>Not subject to transport regulations.</p>	<p><b>15. Regulatory information</b></p> <p>No specific regulatory requirements</p>
<p><b>16. Other information</b></p> <p>This Material Safety Data Sheet is available on the Internet at <a href="http://www.meadowfoam.com">www.meadowfoam.com</a>.</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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