

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

PRODUCT NAME: **Meadowfoam Oil**
SUPPLIER: Fresholi
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2. COMPOSITION / INFORMATION ON INGREDIENTS

INCI NAME: Limnanthes alba (Meadowfoam) Seed Oil
CAS NO: 169407-13-5
EINECS NO: -
CHEMICAL COMPOSITION: The oil extracted from the seeds the Meadowfoam plant, Limnanthes alba followed by refining.
STATUS: Natural
ADDITIVES: None
IFRA: Not Restricted

3. HAZARDS IDENTIFICATION

Concentrated product. Observe good housekeeping procedures.

4. FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.
INGESTION: Product is not considered hazardous. Seek medical advice in case of any adverse effects.
INHALATION: No vapours present at normal temperatures.
OTHER: When assessing action take Risk & Safety Phrases into account (Section 15).

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5. FIRE FIGHTING MEASURES

<u>EXTINGUISHING MEDIA:</u>	Use CO2, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames.
<u>EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS:</u>	Do not use direct water jet on burning material.
<u>SPECIAL EXPOSURE HAZARDS:</u>	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
<u>EXTINGUISHING PROCEDURES:</u>	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES

<u>PERSONAL PRECAUTIONS:</u>	Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
<u>ENVIRONMENT PRECAUTIONS:</u>	Keep away from drains, soils, surface & ground waters.
<u>CLEANING UP METHODS FOR SPILLAGES:</u>	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe local and national disposal regulations.

7. HANDLING AND STORAGE

<u>PRECAUTIONS IN HANDLING:</u>	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
<u>STORAGE CONDITIONS:</u>	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
<u>FIRE PROTECTION:</u>	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>RESPIRATORY PROTECTION:</u>	Avoid breathing product vapour. Apply local ventilation where possible.
<u>VENTILATION:</u>	Ensure good ventilation of working area.
<u>HAND PROTECTION:</u>	Avoid all skin contact. Use chemically resistant gloves if required.
<u>EYE PROTECTION:</u>	Use safety glasses.
<u>WORK/HYGIENE PRACTICES:</u>	Wash hands with soap & water after handling.

9. PHYSICAL DATA AND CHEMICAL PROPERTIES

<u>FORM :</u>	Liquid at ambient temperatures
<u>ODOUR :</u>	Free from rancid and foreign odours
<u>COLOUR :</u>	Golden Yellow
<u>FLASH POINT :</u>	>300 C
<u>DENSITY AT 20 °C :</u>	0.905 – 0.925
<u>ACID VALUE :</u>	0.5 max
<u>IODINE VALUE :</u>	89 - 96

10. STABILITY AND REACTIVITY

<u>REACTIVITY:</u>	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
<u>DECOMPOSITION:</u>	None (thermal decomposition products are H ₂ O and CO ₂)

11. TOXICOLOGICAL INFORMATION

Data not available.

12. ECOLOGICAL INFORMATION

<u>BIODEGRADABILITY:</u>	Expected to be readily biodegradable
<u>PRECAUTIONS:</u>	Prevent surface contamination of soil, ground & surface water.

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13. DISPOSAL CONSIDERATIONS

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. TRANSPORT INFORMATION

ROAD (ADR/RID):	N/A
AIR (IATA):	N/A
SEA (IMDG):	N/A
CHIP:	See section 15

15. REGULATORY INFORMATION

<u>HAZARDS:</u>	N/A
<u>SYMBOLS:</u>	N/A
<u>RISK PHRASES:</u>	N/A
<u>SAFETY PHRASES:</u>	N/A

16. OTHER INFORMATION

Cosmetics Directive 7th Amendment: Not restricted

PACKAGING:

TYPE	SUITABILITY
Glass	YES
Lacquer lined steel/tin	YES
Aluminium	YES
HPPE	YES
F/HDPE	YES
Other plastic	YES

SHELF LIFE

When stored within advised conditions, re-test after 12 months then every 6 months up to a maximum shelf life of 24 months.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

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