

MEADOWFOAM OIL EXPELLER (XPR) – SAFETY DATA SHEET
SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING
PRODUCT IDENTIFIER

Product name (as labelled)	Meadowfoam Oil Expeller (XPR)
Uses	Cosmetic raw material

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd
Address	626A Rosebank Road, Avondale 1026
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	compliance@pureingredients.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766 National Poison Centre

SECTION 2 HAZARDS IDENTIFICATION

Hazardous Nature: This product is classified as **Non-Hazardous** material.

Classification of the substance or mixture:
 Regulation (EC) No 1272/2008: -
 Directive 67/548/EEC: -

Label elements
 Classification according to Regulation (EC) No. 1272/2008 [CLP]
 Hazard pictograms: -
 Signal word: -
 Hazard statements: -
 Precautionary statements: -

Other Hazards: No risks worthy of mention.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substance	CAS No.	% concentration
Glycerides, Limnanthes alba	153065-40-8, 169107-13-5	100

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

General	In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible). Take off immediately all contaminated clothing.
Eye Contact	No special measures are necessary. In case of eye irritation consult an ophthalmologist.
Skin Contact	After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.
Inhalation	Move victim to fresh air. Put victim at rest and keep warm. Seek medical attention if problems persist.
Ingestion	Rinse mouth immediately and drink large quantities of water. Seek medical attention if problems persist.

Self-protection of the first aider: No special measures are necessary.

Most important symptoms and effects, both acute and delayed. Symptoms: No symptoms known up to now. Nature of hazard: No risks worthy of mention.

Notes for the doctor: Have victim drink large quantities of water, with active charcoal if possible.

Special treatment: First Aid, decontamination, treatment of symptoms.

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SECTION 5 FIREFIGHTING MEASURES

Extinguishing media; Suitable extinguishing media: Carbon dioxide (CO₂). Dry extinguishing powder. Foam.

Unsuitable extinguishing media: Water fog. High power water jet. Water.

Special hazards arising from the substance or mixture: Pyrolysis products, toxic. Carbon dioxide. Carbon monoxide.

Advice for firefighters:

General information: Move undamaged containers from immediate hazard area if it can be done safely.

Special protective equipment for firefighters: In case of fire: Wear self-contained breathing apparatus.

Additional information: Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear personal protection equipment. Guide people to safety. Provide adequate ventilation. Remove all sources of ignition. High slip hazard because of leaking or spilled product.

Environmental precautions: Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal. Avoid generation of dust. Clear contaminated area thoroughly.

Reference to other sections: Safe handling: see section 7 / Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling

Advices on safe handling: Avoid contact with eyes.

Technical measures: Provide for sufficient ventilation and punctiform suction at critical points.

Precautions against fire and explosion: Usual measures for fire prevention.

Additional information: none

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: No special technical protective measures are necessary.

Packaging materials: Keep/Store only in original container.

Requirements for storage rooms and vessels: Keep/Store only in original container. Keep container tightly closed. Hints on joint storage

Do not store together with: Oxidizing agents. Keep away from food, drink and animal feedingstuffs.

Storage class: 10 Combustible liquids unless LGK 3A or 3B.

Further information on storage conditions: Protect against: heat. UV-radiation/sunlight.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information: Does not contain substances above concentration limits fixing an occupational exposure limit.

Exposure Controls:

Occupational exposure controls

Technical measures and the application of adequate working methods take priority over the use of personal protection equipment.

General protection and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work. Apply skin care products after work. Wash contaminated clothing prior to re-use.

Personal protection equipment

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection: Respiratory protection not required.

Hand protection: Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): DIN EN 374

Eye/face protection: Tightly sealed safety glasses.

Body protection: For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Only wear fitting, comfortable and clean protective clothing. Barrier creams are not substitutes for body protection.

Environmental exposure controls

refer to chapter 7. No further action is necessary.

Consumer exposure controls

refer to chapter 7. No further action is necessary.

Exposure Scenario

none

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical state: liquid
Colour: yellow - golden
Odour: characteristic like: oil.
Odour threshold: No data available

Safety relevant basis data

	parameter	unit	remark
Density:	0,90-0,92	g/cm ³	
Bulk density:			not applicable
pH:			not applicable
Melting point/freezing point:	5-7	°C	
Initial boiling point and boiling			No data available
Flash point:	334	°C	
Flammability (solid, gas):			No data available
Explosivity:			No data available
Lower explosion limit:			No data available
Upper explosion limit:			No data available
Ignition temperature:			No data available
Decomposition temperature:			No data available
Oxidizing potential:			not applicable
Vapour pressure:			No data available
Vapour density:			No data available
Evaporation rate:			not applicable
Water solubility:			not miscible
Fat solubility:			complete miscible
Soluble in:			not applicable
Partition coefficient: n- octanol/water:			No data available
Viscosity:	at °C: 40	49,6	cSt
Solvent separation test:			No data available
Solvent content:			No data available

SECTION 10 STABILITY AND REACTIVITY

Reactivity: None
Chemical stability: With proper storage and handling the product is stable.
Possibility of hazardous reactions: None.
Conditions to avoid: heat. UV-radiation/sunlight.
Incompatible materials: Oxidizing agents.
Hazardous decomposition products: Pyrolysis products, toxic. Carbon monoxide. Carbon dioxide.

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects: No information available.
Specific symptoms in laboratory animals No information available.
Irritation and etching
Irritant effect on the skin: Not an irritant.
Irritant effect on the eye: Not an irritant.
Irritant effect on the respiratory tract: Not an irritant.
Additional information: not corrosive
Sensitization: no danger of sensitization.
Repeated dose toxicity (subacute, subchronic, chronic): No information available.
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
 Carcinogenicity: No indications of human carcinogenicity exist.
 Germ cell mutagenicity: No indications of human germ cell mutagenicity exist.
 Reproductive toxicity: No indications of human reproductive toxicity exist.

General remarks: none
Practical experience/human evidence none
Other observations: none
Other information: none

SECTION 12 ECOLOGICAL INFORMATION

Toxicity: No information available.
Persistence and degradability: Easily biodegradable (concerning to the criteria of the OECD)
Bioaccumulative potential: No indication of bio-accumulation potential.
Mobility in soil: None.
Results of PBT and vPvB assessment: This substance does not meet the criteria for classification as PBT or vPvB.
Other adverse effects: None. Further ecological information: Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.
Further details: none

SAFETY DATA SHEET**SECTION 13 DISPOSAL CONSIDERATION**

Waste Treatment Methods

Appropriate disposal/Product

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Appropriate disposal / Package

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

List of proposed waste codes/waste designations in accordance with EWC

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste code product: 20 01 26 - oil and fat other than those mentioned in 20 01 25

Waste code packaging: 15 01 06 - mixed packaging

Remark: Waste disposal according to official state regulations.

SECTION 14 TRANSPORT INFORMATION

Land transport (ADR/RID): Not a hazardous material with respect to these transportation regulations.

Sea transport (IMDG): Not a hazardous material with respect to these transportation regulations.

Air transport (ICAO-TI / IATA-DGR): Not a hazardous material with respect to these transportation regulations.

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

none

Regulation (EC) No 2037/2000 concerning materials, which cause damage to the ozone layer. none

Regulation (EC) No. 648/2004 (Detergents regulation)

None

National regulations

Observe in addition any national regulations!

Restrictions of occupation

none

Storage class

10 Combustible liquids unless LGK 3A or 3B.

Water hazard class (WGK)

1 weak water pollutant (WGK 1)

Chemical Safety Assessment: For this preparation a chemical safety assessment has been carried out: For this substance a chemical safety assessment is not required.

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

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