



MATERIAL SAFETY DATA SHEET
MEADOWFOAM SEED OIL

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: MEADOWFOAM SEED OIL
Product Use: Personal Care Formulations
Company Name: Saffire Blue Inc.
Company Address: 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada
Date Issued: 02/17/2014
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Meadowfoam seed oil (fatty acid triglycerides) 100%
Hazardous Components: None
CAS #: 153065-40-8
EINECS #: 310-127-6

3. HAZARDS IDENTIFICATION

Routes of Entry
Eye Contact: Mild irritation may occur
Skin Contact: No known hazard
Ingestion: No known hazard
Inhalation: No known hazard

4. FIRST AID MEASURES

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin: Wash with soap and water- get medical attention if irritation persists.
Ingestion: N/A
Inhalation: N/A
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): > 260°C (open cup)
Flammable Limits
LEL: Not Established
UEL: Not Established

Extinguishing Media:	Dry Chemical, Carbon Dioxide
Special Firefighting Procedures:	Limit the spread of oil. Use air supplied equipment for fighting interior fires.
Unusual Fire & Explosion Hazards:	Not established

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Methods for Cleaning Up:	Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.
--------------------------	--

7. HANDLING AND STORAGE

Handling

Safe Handling:	Keep away from fire and open flames. Do not overheat.
----------------	---

Storage

Requirements for Storage Areas and Containers:	Store in a cool (17-22°C), dry location, in a sealed container.
--	---

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye:	Safety glasses should be worn.
Skin/Body:	Gloves should be worn.
Respiratory:	Not needed under normal conditions of use.
Ventilation:	Proper ventilation is recommended.
Other:	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice:	Normal work and hygiene practices for handling non-hazardous liquid material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear, pale yellow
Odor:	Characteristic, bland, fatty oil
pH:	N/A
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	N/A
Boiling Point:	> 300°C
Cloud Point:	~5°C
Flash Point:	< 260°C (Open Cup)
Melting Point:	N/A
Viscosity, cp, 25°C:	85
Refractive Index, n _D 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
Solubility in Water:	Insoluble
Water Reactive:	No

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (Materials to Avoid):	None known
Hazardous Decomposition or Byproducts:	None known
Conditions to Avoid:	None known
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD50 (Oral; Rat): > 5.0 g/kg
Further Toxicological Information:	Non irritant, no adverse health effects known
Medical Conditions Generally Aggravated by Exposure:	None
Irritancy:	Skin: Not expected to be an irritant Eyes: Not expected to be an irritant
Carcinogenicity:	None
Reproductive Toxicity:	N/A
Teratogenicity:	N/A
Mutagenicity:	N/A
Name of toxicologically synergistic products:	N/A

12. ECOLOGICAL INFORMATION

Ecological Effects:	No adverse eco-toxic effects known
Fish Toxicity:	No Data
Bacterial Toxicity:	No Data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Do not put into sewer lines. Dispose of according to local, state and federal regulations.
-------------------------	--

14. TRANSPORT INFORMATION

This material is not considered hazardous for transport.

DOT Classification:	Not regulated - Not Dangerous Goods
ADR/RID (International Road/Rail):	Not regulated - Not Dangerous Goods
IATA (Air Cargo):	Not regulated - Not Dangerous Goods
IMDG (Sea):	Not regulated - Not Dangerous Goods

15. REGULATORY INFORMATION

No specific regulatory requirements

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.