



SAFFIRE BLUE INC.

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MATERIAL SAFETY DATA SHEET

SEABUCKTHORN FRUIT OIL

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: SEABUCKTHORN FRUIT OIL
Product Use: Personal Care Formulations
Company Name: Saffire Blue Inc.
Company Address: 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada
Date Issued: 05/26/2009
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Chemical Identity:

Composition:

Vegetable triglycerides from seabuckthorn berry pulp 100%

Hazardous Components: None

Exposure Limits: N/A

CAS #: 90106-68-6

EINECS #:

3. HAZARDS IDENTIFICATION

Routes of Entry:

- Eyes
- Ingestion

Eye Contact: Very hazardous in case of eye contact (Irritant). Inflammation of the eye is characterized by redness, watering and itching.

Ingestion: Hazardous in case of ingestion.

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 occurs.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as collars, ties, belts or waistbands.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Flammability of Product: May be combustible at high temperatures.

Flash Point (Method Used):	Not Available
Flammable Limits:	LEL: Not Established UEL: Not Established
Auto Ignition Temperature:	No information
Hazardous Combustion Products:	Not Available
Conditions Under Which Flammability Could Occur:	Not Available
Extinguishing Media:	<ul style="list-style-type: none"> • Dry Chemical • Carbon Dioxide • Foam
Special Firefighting Procedures:	<p>Note: Do not use water except to cool containers.</p> <ul style="list-style-type: none"> • Combustible material. Limit the spread of oil. • Treat as an oil (edible fat) fire. • Use air supplied equipment for fighting interior fires. • Cool fire exposed containers with water spray.
Unusual Fire & Explosion Hazards:	Not established

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection:	N/A
Environmental Protection:	Notify authorities if large amounts of product enters sewer.
Methods for Cleaning Up:	<ul style="list-style-type: none"> • Absorb onto an inert, absorbent substrate and sweep up. • Wash area with soap and water. Area may be slippery; take precautions.

7. HANDLING AND STORAGE

Handling

Safe Handling:	<ul style="list-style-type: none"> • Wear safety glasses. Avoid contact with eyes. • Keep away from oxidizing agents, excessive heat and sources of ignition. • Empty containers pose a fire risk. Evaporate the residue under a fume hood. • Ground all equipment containing material. • Do not breathe gas/fumes/vapors/spray.
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Storage

Requirements for Storage Areas and Containers:	Store in a cool, dry location, in a sealed container in a well ventilated area.
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8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work area.
Personal Protection	
Eye:	Safety glasses should be worn.
Skin/Body:	Lab coats and gloves may be worn.
Respiratory:	Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if required for application.
Ventilation:	Handle in well ventilated areas.

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, Oil

Color: Brown, yellow

Odor: Characteristic

Specific Gravity (H₂O = 1): 0.911 g/cm³

Acid Value: (% oleic) Not Available

Flash Point (Method Used): Not Available

Boiling Point: Not Available

Melting Point: Not Applicable

Evaporation Rate: Not Applicable

Solubility in Water: Insoluble

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Not Available

Incompatibility (Materials to Avoid): Avoid strong oxidizers

Hazardous Decomposition or Byproducts: Not Available

Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Eye Contact, Ingestion

Toxicity Data: LD₅₀: Not Available
LC₅₀: Not Available

Medical Conditions Generally Aggravated by Exposure: None

Irritancy: Skin: Not expected to be an irritant
Eyes: Irritant

Carcinogenicity: Not Available

Reproductive Toxicity: Not Available

Teratogenicity: Not Available

Mutagenicity: Not Available

Name of toxicologically synergistic products: Not Available

12. ECOLOGICAL INFORMATION

Ecological Information: Not Available

BOD₅ and COD: Not Available

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT Classification:	Not a DOT controlled material.
Class/Division:	Not restricted
Proper Shipping Name:	N/A
Label:	None
Packing Group:	N/A
ID Number:	N/A
Hazard:	N/A

15. REGULATORY INFORMATION

Federal & State Regulations:	TSCA 8(b) inventory: Seabuckthorn Fruit Oil
Other Regulations:	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)
WHMIS Canada:	CLASS D-28: Material causing other toxic effects (TOXIC).
DSCL (EEC):	R41: Risk of serious damage to eyes.

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

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.