



**MATERIAL SAFETY DATA SHEET**  
**CRANBERRY SEED OIL**

# MSDS

**1. PRODUCT NAME AND COMPANY IDENTIFICATION**

Product Name: CRANBERRY 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:  
Vegetable Oil Triglycerides 100%  
Hazardous Components: None  
CAS #: 381718-28-1

**3. HAZARDS IDENTIFICATION**

Routes of Entry  
Eye Contact: Mild irritation may occur  
Skin Contact: Non-hazardous  
Ingestion: No known hazard  
Inhalation: Irritation and coughing

**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: Remove to fresh air.  
Medical Conditions Generally Aggravated by Exposure: None

**5. FIRE FIGHTING MEASURES**

Flash Point (Method Used): N/A Tag Closed, ASTM D-56  
Flammable Limits  
LEL: Not Established  
UEL: Not Established  
Extinguishing Media: Dry Chemical, Carbon Dioxide  
Special Firefighting Procedures: Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires.

Unusual Fire & Explosion Hazards: Keep free of ignition sources.

#### 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 to prevent slip/fall hazard.

#### 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, 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. Use adequate ventilation or NIOSH-approved respiratory devices if heating product.  
Ventilation: A mechanical exhaust/ventilation or fume collection system is recommended if heating product to elevated temperatures.  
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, yellow  
Odor: Characteristic, light nutty aroma  
pH: N/A  
Vapor Pressure (mm Hg.): N/A  
Vapor Density (AIR = 1): N/A  
Boiling Point: 500° F  
Melting Point: N/A  
Specific Gravity (H2O = 1): 0.923 g/cc  
Evaporation Rate: N/A  
Solubility in Water: Insoluble  
Water Reactive: No

#### 10. STABILITY AND REACTIVITY

Stability: Stable  
Incompatibility (Materials to Avoid): Avoid flames and strong oxidizers  
Hazardous Decomposition or Byproducts: N/A  
Conditions to Avoid: N/A  
Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure: N/A  
Threshold Limit Value: Non Toxic  
Medical Conditions Generally Aggravated by Exposure: None  
Irritancy: Skin: Not expected to be an irritant  
Eyes: Not expected to be an irritant

12. ECOLOGICAL INFORMATION

Biodegradation: Expected to be ultimately biodegradable  
Fish Toxicity: No Data  
Bacterial Toxicity: No Data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Material is not considered hazardous under federal regulations. 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

WHMIS classification for product: N/A

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.