



MATERIAL SAFETY DATA SHEET

PERILLA SEED OIL

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: PERILLA SEED OIL
Product Use: Personal Care Formulations
Company Name: Saffire Blue Inc.
Company Address: 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada
Date Issued: 1/1/2008
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Vegetable Oil Triglycerides 100%
Hazardous Components: None
CAS #: 68132-21-8

3. HAZARDS IDENTIFICATION

Routes of Entry
Eye Contact: No known hazard
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): > 100°C
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

Unusual Fire & Explosion Hazards: supplied equipment for fighting interior fires.
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, 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: 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, pale yellow
Odor: Characteristic, bland, fatty oil
Acid Value: 5.0 mg KOH/g Max
Peroxide Value: 10.0 meq/kg Max
Saponification Value: 189 – 197 mg KOH/g
Iodine Value: 150-165 g/100g
Refractive Index 20C: 1.425 -1.475
Specific Gravity (H2O = 1): 0.924-0.934 g/ml
Evaporation Rate: N/A
Solubility in Water: Insoluble

10. STABILITY AND REACTIVITY

Stability: Stable
Incompatibility (Materials to Avoid): Avoid strong oxidizers
Hazardous Decomposition or Byproducts: When heated to decomposition produces carbon dioxide and monoxide smoke.
Conditions to Avoid: Keep away from sources of ignition or fire.
Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

No Data

12. ECOLOGICAL INFORMATION

Biodegradation: Expected to be ultimately biodegradable

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 regulated

Class/Division: Not restricted

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.