



MATERIAL SAFETY DATA SHEET

TAMANU OIL

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

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|------------------------------------|--|
| Product Name: | TAMANU OIL – CALOPHYLLUM INOPHYLLUM OIL |
| Product Use: | Personal Care Formulations |
| Company Name: | Saffire Blue Inc. |
| Company Address: | 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada |
| Date Issued: | 2/24/2009 |
| Emergency Telephone Number: | Chemtrec Tel: (800) 262-8200 |

2. COMPOSITION/INGREDIENT INFORMATION

| | |
|------------------------------|-------------|
| Ingredients: | |
| Vegetable Oil Triglycerides | 100% |
| Hazardous Components: | None |
| CAS #: | 241148-25-4 |
| EINECS #: | 310-127-6 |

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: | Rinse mouth with water |
| Inhalation: | Remove to fresh air |
| Medical Conditions Generally Aggravated by Exposure: | None |

5. FIRE FIGHTING MEASURES

| | |
|-----------------------------------|------------------------------------|
| Flash Point (Method Used): | Non-flammable |
| Flammable Limits | |
| LEL: | NA |
| UEL: | NA |
| Extinguishing Media: | Dry Chemical, Carbon Dioxide, Foam |

Special Firefighting Procedures: Limit the spread of oil. Use self-contained breathing apparatus protective suit for fighting fires.

Unusual Fire & Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Precautions: Wear slip proof shoes.

Methods for Cleaning Up: Absorb onto an inert, absorbent substrate and sweep up. Place in a chemical waste container. Wash area with soap and water.

7. HANDLING AND STORAGE

Handling

Safe Handling: Use in well ventilated area. 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 or splash goggles may be worn.

Skin/Body: Gloves should be worn.

Respiratory: Not needed under normal conditions of use. Use adequate ventilation.

Ventilation: A mechanical exhaust/ventilation system 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: Dark green

Odor: Characteristic, distinct

Specific Gravity (H₂O = 1): 0.91-0.95

Flash Point: >212°F

Refractive Index @ 25°C: 1.30-1.50

Iodine Value: 80-110

Saponification Value: 180-200

Peroxide Value: 6.5 Max

Acid Value: 70 Max.

Solubility in Water: Insoluble

Water Reactive: No

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility (Materials to Avoid): Strong acids and oxidizers

Hazardous Decomposition or Byproducts: No decomposition if stored properly

Conditions to Avoid: Avoid excessive or direct heat.
Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

Routes of Entry: NA
Signs and Symptoms of Exposure: NA
Toxicity to Animals: None known
Special Remarks on Toxicity to Animals: NA
Chronic Effects on Humans: NA
Other Toxic Effects on Humans: None known
Medical Conditions Generally Aggravated by Exposure: None
Irritancy: Skin: Not expected to be an irritant
Eyes: Not expected to be an irritant
Carcinogenicity: NA

12. ECOLOGICAL INFORMATION

No Information Available

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

HMIS (USA): Health: 0 Fire: 1 Reactivity: 1
Personal Protection:

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.