

MATERIAL SAFETY DATA SHEET
GINGER ESSENTIAL OIL**MSDS****1. PRODUCT NAME AND COMPANY IDENTIFICATION**

Product Name: GINGER ESSENTIAL OIL - ORGANIC
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:
ZINGIBER OFFICINALIS OIL 100%
Hazardous Components: None
CAS #: 8007-08-7

3. HAZARDS IDENTIFICATION

Routes of Entry
Eye Contact: Irritation may occur
Skin Contact: May cause irritation upon prolonged exposure
Inhalation: Inhalation may cause irritation

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 flush with plenty of water
Ingestion: Contact Physician if discomfort is encountered.
Inhalation: Remove to fresh air
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): 104°F Close Cup
Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam
Special Firefighting Procedures: Cool containers exposed to flame with water.
Unusual Fire & Explosion Hazards: None. Material is not pyrophoric, does not react with water, not an oxygen donor, material is shock stable
Hazardous Decomposition Materials: CO, CO₂

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection:	Wear eye protection, gloves and aprons. Ventilate area well.
Methods for Cleaning Up:	Small spills can be wiped up with paper rags (place in closed metal waste container) Large spills can be absorbed onto non-flammable absorbent. Wash area with soap and water.

7. HANDLING AND STORAGE

Handling

Safe Handling:	Avoid direct or prolonged contact with skin and eyes. Avoid breathing vapors.
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Storage

Requirements for Storage Areas and Containers:	Store in an area that is cool, dry, and well-ventilated. Do not expose to temperatures over 35 degrees C.
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8. EXPOSURE CONTROL/PERSONAL PROTECTION

Threshold Limit Value:	Not established
OSHA Permissible Limit:	Not established
Work Practice Controls:	Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.
Respiratory:	Avoid casual breathing of vapors
Ventilation:	Local, mechanical exhaust in recommended
Eye:	OSHA approved safety glasses
Skin:	Wear gloves and clothing to avoid skin contact

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Oil
Color:	Clear yellow to amber
Odor:	Characteristic of ginger root
Vapor Pressure (mm Hg.):	Not found
Vapor Density (AIR = 1):	>1
Boiling Point:	Mixed
Melting Point:	Liquid
Specific Gravity (H2O = 1):	0.88
Evaporation Rate:	N/A
Solubility in Water:	Insoluble
Water Reactive:	No

10. STABILITY AND REACTIVITY

Stability:	This material is stable under normal conditions
Incompatibility (Materials to Avoid):	Strong oxidizing agents
Conditions to Avoid:	Excessive heat
Hazardous Decomposition or Byproducts:	CO, CO ₂
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

No Information

12. ECOLOGICAL INFORMATION

No information

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of according to local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT Hazard Classification: None

15. REGULATORY INFORMATION

None

16. ADDITIONAL INFORMATION

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

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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.