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**MATERIAL SAFETY DATA SHEET**

**CARDAMOM OIL**

**1. IDENTIFICATION OF THE COMPANY**

Supplier Company : Saffire Blue Inc.  
1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada  
Tel: 519-286-0295 | Toll Free: 877-248-1115  
Emergency Tel. No. : North America (US & Canada)  
1-800-255-3924 (CHEMTEL INC.). (24 HOURS)

**2. PRODUCT INFORMATION**

Name of the Product : Cardamom Essential Oil  
Formula : Essential Oil  
CAS Number : 8000-66-6  
EINECS : 288-922-1  
FEMA : 2241  
CoE : 133

Cardamom Oil Extracted by steam Distillation

**3. HAZARDS IDENTIFICATION**

Eye Contact : Mild Irritation may occur.  
Skin Contact : Mild irritation may occur  
Ingestion : Not known  
Inhalation : Irritating

**4. FIRST AID MEASURES**

General Advise : Consult a physician. Show this safety data sheet to the doctor in attendance.  
Eyes : Flush with plenty of water or eye wash. Consult a physician.  
Skin : Wash off soap and water. Get medical attention if irritation persists.  
Ingestion : Seek immediate medical advice.  
Inhalation : If breathed in, move person into fresh air. Consult a physician.

**5. FIRE FIGHTING MEASURES**

Flash Point : 57°C – Closed Cup  
Suitable Extinguishing Media : Use water spray, alcohol-resistant foam, dry chemical or CO<sub>2</sub>  
Special Protective Equipment for Fire Fighters : Wear self-contained breathing apparatus for fire fighting if necessary.  
Hazardous Decomposition Materials : None.

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## 6. ACCIDENTAL RELEASE MEASURES

Methods for Cleaning up : Absorb onto a inert, absorbent substrate and sweep up. Wash area soap and water.

## 7. HANDLING AND STORAGE

### Handling

Safe Handling : Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from fire and open flames. Do not overheat.

### Storage

Requirement for Storage Areas and Containers : Store in a cool, dry location, in a sealed container. Protect from light.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Work/Hygiene Practice : Normal work and hygiene practices for handling non-hazardous liquid material.  
Eye : Safety glasses should be worn.  
Skin / Body : Aprons, gloves should be worn.  
Respiratory : Not needed under normal conditions of use.  
Other : Evaluate need based on application. Slip proof shoes may be worn where spills may occur.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Clear Liquid  
Colour : Colourless to Pale Yellow Clear Liquid  
Odour : Characteristics, Spicy and Camphorous  
Density @25°C : 0.917 to 0.947  
Refractive Index (20°C) : 1.462 to 1.466  
Boiling Point : 188°C  
Melting Point (°C) : NA  
Solubility in Water : Insoluble

## 10. STABILITY AND REACTIVITY

Storage Stability : Stable under recommended storage conditions.  
Incompatibility Materials to Avoid : Avoid flames and strong oxidizers and strong acids  
Conditions to Avoid : Do not overheat. Reduce heat if product smokes.  
Hazardous Decompositions Products : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.  
Hazardous Polymerization : N/A.

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**11. TOXICOLOGICAL INFORMATION**

Threshold Limit Value : Non Toxic  
Signs and Symptoms of Exposure : N/A  
Carcinogenicity : None  
Reproductive Toxicity : N/A  
Teratogenicity : N/A  
Mutagenicity : N/A  
Skin Irritancy : Not expected to be an irritant.  
Eyes : Not expected to be an irritant.

**12. ECOLOGICAL INFORMATION**

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

**13. DISPOSAL CONSIDERATION**

Waste Disposable Method : Combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.  
Contaminated packaging : Dispose of as unused product.

**14. TRANSPORTATION INFORMATION**

ADR/RID : Not Dangerous Goods  
IMDG : Not Dangerous Goods  
IATA : Not Dangerous Goods.

**15. REGULATORY INFORMATION**

Risk Phrases (R) : N/A  
Safety Phrases (S) : N/A  
WHMIS Classification for Product : N/A

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