

## **1. PRODUCT INFORMATION**

Product name : Cardamom Essential Oil  
Botanical name : Elletaria cardamomum  
INCI name : Elettaria Cardamomum Seed Oil  
CAS # : 8000-66-6  
Country of Origin : India  
Product Use : Domestic and Industrial  
Supplier : Windy Point Soap Making Supplies Inc.  
Address : 14, 6125-12<sup>th</sup> Street SE, Calgary, AB T2H 2K1  
Telephone : 587-318-6678  
Emergency Telephone : (800) 225-3924 Canada, USA, Puerto Rico

## **2. HAZARDS IDENTIFICATION**

### **Emergency Overview**

### **GHS Classification**

Flammable Liquids - Category 3

Aspiration Hazard - Category 1

Skin corrosion/irritation - Category 2

Skin Sensitization - Category 1

Serious eye damage/eye irritation - Category 2A

Hazardous to aquatic environment - Acute - Category 2

Hazardous to the aquatic environment, long-term hazard - Category 2

### **GHS Label elements, including precautionary statements**



Signal: Danger

### **Hazard statement(s)**

H226 Flammable Liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long-lasting effects.

**Precautionary statement(s)**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.
- P264 Wash eyes and skin thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P321 Specific treatment (see section 4 on this label).
- P331 Do NOT induce vomiting. P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists get medical advice/attention.
- P262 Do not get in eyes, on skin, or on clothing.
- P363 Wash contaminated clothing before reuse.
- P370+P378 In case of fire: Use appropriate fire extinguisher to extinguish.
- P391 Collect spillage.
- P403+P235 Store in a well ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national regulations.

**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
Elettaria Cardamomum Seed Oil	8000-66-6	-	100 %

#### **4. FIRST AID MEASURES**

##### **Eye contact**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

##### **Skin contact**

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

##### **Inhalation**

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

##### **Ingestion**

Seek medical attention or contact local poison control center

#### **5. FIRE FIGHTING MEASURES**

##### **Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide

##### **Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

##### **Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

##### **Resulting gases**

Carbon oxides.

#### **6. ACCIDENTAL RELEASE MEASURES**

##### **Personal precautions, protective equipment and emergency procedures.**

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

##### **Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

##### **Methods and materials for containment and cleaning up**

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

Wear safety glasses, rubber gloves and apron when handling. No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

### **Conditions for safe storage, including any incompatibilities**

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### **Exposure controls**

Use mechanical exhaust or laboratory fume hood to avoid exposure. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### **Eyes**

Use tightly sealed goggles.

### **Skin**

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### **Respiratory**

In case of insufficient ventilation, wear suitable respiratory equipment.

### **Ingestion**

Not for ingestion.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: Colorless to very pale yellow liquid.
Odor	: Characteristic sweet somewhat spicy odor.
Flash point	: 50 °C
Relative density	: 0.9170 to 0.9470 @ 25 °C
Solubility (ies)	: Soluble in alcohol and oils. Insoluble in water.
Refractive index	: 1.460 0 to 1.4660 @ 25°C
Optical rotation	: +22° to +44° @ 25 °C

## **10. STABILITY AND REACTIVITY**

### **Reactivity**

This material presents no significant reactivity hazard.

### **Chemical stability**

Chemically stable.

### **Possibility of hazardous reactions**

Hazardous polymerization will not occur.

### **Conditions to avoid**

Avoid sparks, flame and other heat sources. Avoid strong reheating (70 °C). Heat and Oxygen of the ambient air causes oxidation and degradation of the substance.

### **Incompatible materials**

Strong oxidizing agents.

### **Hazardous decomposition products**

Carbon Oxides.

## **11. TOXICOLOGICAL INFORMATION**

### **Acute toxicity**

Not available.

### **Chronic toxicity**

May cause allergic reactions on skin.

### **Inhalation**

Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

### **Skin contact**

Irritant to skin and mucous membranes. Adverse skin effects should be prevented by normal care and personal hygiene.

### **Eye contact**

Possible irritation should be prevented by wearing safety glasses.

### **Ingestion**

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.

### **Repeated exposure**

Repeated or prolonged contact may cause redness, irritation and scaling of skin (Dermatitis).

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.

### **13. DISPOSAL CONSIDERATION**

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

### **14. TRANSPORT INFORMATION**

**UN Number**

1169

**UN proper shipping name**

Extracts, aromatic, liquid.

**Transport hazard class**

3

**Packing group**

III

**US DOT Shipping Description (Land)**

1169

**Proper shipping name**

Extracts, aromatic, liquid.

**Transport hazard class**

3

**Packing group**

III

**IMO-IMDG Shipping Description (Sea)**

1169

**Proper shipping name**

Extracts, aromatic, liquid.

**Transport hazard class**

3

**Packing group**

III

**IATA Shipping Description (Air)**

1169

**Proper shipping name**

Extracts, aromatic, liquid.

**Transport hazard class**

3

**Packing group**

III

**Emergency action in case of accident**

Notify police and fire department immediately.

**15. REGULATORY INFORMATION**

**California Proposition 65**

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (as stated in Proposition 65 revised list: MYRCENE).

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

**16. OTHER INFORMATION**

**Disclaimer & Caution**

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