

# SAFETY DATA SHEET



In accordance with 29 CFR 1910.1200

**Product:** Cardamom EO

**Version:** 3

## 1. IDENTIFICATION

### Product Identifier

**Product identifier:** Cardamom EO; CAS: 8000-66-6

**Other identifiers:** Elettaria cardamomum

### Recommended use of the chemical and restrictions on use

**Product uses:** Essential Oil

### Supplier Details

**Company name:** Appalachian Valley Natural Products

**Company address:** 260 Maple St PO Box 515  
Friendsville MD 21531 - USA

**E-Mail address:** info@ordercompletion.net

**Company phone:** 301-746-4630

### Emergency telephone number

**Emergency phone:** ChemTel: 1-800-255-3924 (Domestic)

## 2. HAZARD IDENTIFICATION

### Classification

**This product is classified under 29CFR 1910.1200(d) as follows:**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

# SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

**Class and category of danger:** Skin Corrosion / Irritation Category 2  
Eye Damage / Irritation Category 2  
Sensitization - Skin Category 1

**Signal word:** Warning

**Hazard statements:** Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.

**M factor:** None

**Pictograms:**



**Precautionary statements:** Avoid breathing vapour or dust.

**Product:** Cardamom EO EleCar1

**Version:** 3

Wash hands and other contacted skin thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves/eye protection/face protection.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Hazards not otherwise classified (HNOC)** None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

**Product identifier:** Cardamom EO; CAS: 8000-66-6

**Contains:**

---

---

			GHS Classification
Eucalyptol	470-82-6	20-<50%	Flam. Liq. 3-Skin Sens. 1B;H226-H317
Sabinene	3387-41-5	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H315-H317
Limonene	138-86-3	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H304-H315-H317
Myrcene	123-35-3	1-<5%	Flam. Liq. 3-Skin Irrit. 2-Eye Irrit. 2A-Asp. Tox 1;H226-H304-H315-H319
alpha-Pinene	80-56-8	1-<5%	Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H302-H304-H315-H317
4-Carvomenthenol	562-74-3	1-<5%	Flam. Liq. 4-Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A;H227-H302-H315-H319
alpha-Terpineol	98-55-5	1-<5%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A;H227-H315-H319
Geranyl acetate	105-87-3	0.1-<1%	Skin Irrit. 2-Skin Sens. 1;H315-H317
Geraniol	106-24-1	0.1-<1%	Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1;H315-H317-H318

The exact percentage concentrations of components are being withheld as a trade secret.

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

##### **Description of first aid measures**

- Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
- Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Skin exposure:** IF ON SKIN: Wash with plenty of soap and water.
- Ingestion:** Rinse mouth with water and obtain medical attention.

## **SAFETY DATA SHEET**

In accordance with 29 CFR 1910.1200

**Product:** Cardamom EO EleCar1

**Version:** 3

##### **Most important symptoms and effects, both acute and delayed**

- Causes skin irritation.
- May cause an allergic skin reaction.
- Causes serious eye irritation.

##### **Indication of immediate medical attention and special treatment needed, if necessary**

Treat symptomatically

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

##### **Extinguishing media**

Suitable media: Carbon dioxide, Dry chemical, Foam.

##### **Specific hazards arising from the chemical**

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

##### **Protective Equipment and Precautions for Firefighters**

# SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

In case of insufficient ventilation, wear suitable respiratory equipment.

## **6. ACCIDENTAL RELEASE MEASURES**

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

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

### **Methods and material for containment and cleaning up:**

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling:**

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**Product:** Cardamom EO EleCar1

**Version:** 3

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

### **Control parameters**

### **Exposure guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### **Other exposure guidelines**

No information available

### **Exposure controls**

### **Engineering measures**

Showers, eyewash stations, ventilation systems.

### **Individual protection measures, such as personal protective equipment**

### **Eye/Face and Skin Protection**

Wear protective gloves/eye protection/face protection, and suitable protective clothing

---

---

# SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

## Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

## Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

Appearance:	Not determined
Odor:	Not determined
Odor threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	207 °F / 97 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapor pressure:	Not determined

Product: Cardamom EO EleCar1

Version: 3

Vapor density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined

Other information: None available

## 10. STABILITY AND REACTIVITY

### Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

### Chemical stability:

Good stability under normal storage conditions.

---

---

# SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

## Possibility of hazardous reactions:

Not expected under normal conditions of use.

## Conditions to avoid:

Avoid extreme heat.

## Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

## Hazardous decomposition products:

Not expected.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

<b>Acute Toxicity:</b>	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
<b>Skin corrosion/irritation:</b>	Skin Corrosion / Irritation Category 2
<b>Serious eye damage/irritation:</b>	Eye Damage / Irritation Category 2
<b>Respiratory or skin sensitisation:</b>	Sensitization - Skin Category 1
<b>Germ cell mutagenicity:</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity:</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity:</b>	Based on available data the classification criteria are not met.

**Product:** Cardamom EO EleCar1

**Version:** 3

<b>STOT-single exposure:</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data the classification criteria are not met.

**Additional Information** None available

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

Toxic to aquatic life with long lasting effects.

**Persistence and degradability:** Not available

**Bioaccumulative potential:** Not available

**Mobility in soil:** Not available

**Other adverse effects:** Not available

## SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. TRANSPORT INFORMATION

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4. Packing Group:
<b>UN Model Regulations</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Sabinene, Limonene)	9	-	III
<b>US DOT</b>	Not classified	-	-	-	-
<b>US DOT (Bulk)</b>	Not classified	-	-	-	-
<b>IMDG</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Sabinene, Limonene) MARINE POLLUTANT	9	-	III
<b>ADR,RID,ADN</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Sabinene, Limonene)	9	-	III
<b>ICAO TI</b>	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Sabinene, Limonene)	9	-	III

**Product:** Cardamom EO EleCar1

**Version:** 3

US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

**Environmental hazards:** This is an environmentally hazardous substance.

**Special precautions for user:** None additional

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable

### 15. REGULATORY INFORMATION

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

None additional

#### Additional information

None additional

# SAFETY DATA SHEET

In accordance with 29 CFR 1910.1200

## 16. OTHER INFORMATION

Issue date: 07/16/2024

Version: 3 Version Date: 07/16/2024

### Key to revisions:

14 Transport hazard class(es)

14 UN number

14 UN proper shipping name

2 Classification

Product identifier

US Department Of Transport Bulk Class

US Department Of Transport Bulk ID

US Department Of Transport Bulk Packing Group

US Department Of Transport Bulk Proper Shipping Name

US Department Of Transport Bulk Sub Risks

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.