

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Cumin Essential Oil
Botanical name	:	Cuminum cyminum
INCI name	:	Cuminum Cyminum Seed Oil
CAS #	:	84775-51-9 / 8014-13-9
Country of Origin	:	India
EINECS #	:	283-881-6
Product use	:	Domestic and Industrial
Supplier	:	Essentially You Oils
Address	:	1588 Marcoux Dr., Ottawa, Ontario, K1E 2K6
Fax	:	
Telephone number	:	613-816-6942
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

Flammable Liquids - Category 3.

Skin corrosion/irritation - Category 2

Skin sensitization - Category 1

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

### GHS Label elements, including precautionary statements



Signal: Warning

### Hazard statement(s)

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
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 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.
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).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P362	Take off contaminated 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.
P501	Dispose of contents/container according to local regulations.

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Estragole	140-67-0	205-427-8	65 - 85 %
Linalool	78-70-6	201-134-4	12 - 22 %
Eucalyptol	470-82-6	207-431-5	0.2 - 2.5 %
cis-beta-Ocimene	3338-55-4	222-081-3	0.1 - 1.5 %
l-Limonene	5989-54-8	227-815-6	0.05 - 1 %
beta-Pinene	127-91-3	204-872-5	0.05 - 1 %
alpha-Pinene	80-56-8	201-291-9	0.05 - 1 %
Camphene	79-92-5	201-234-8	0.05 - 0.5 %

### 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**

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### **Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide.

### **Unsuitable extinguishing media**

Water spray, water jet.

### **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**

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### **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**

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### **Precautions for safe 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**

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### **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

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Appearance	:	Yellow to golden yellow liquid.
Odor	:	Penetrative characteristic spicy odor.
Flash point	:	48 °C
Relative density	:	0.895 to 0.937 @ 25°C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.490 to 1.510 @ 20°C
Optical rotation	:	+1.0 to +8.0 @ 25°C

## 10. STABILITY AND REACTIVITY

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### 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.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

Cumin Essential Oil:

LD50 Oral: 2300 mg/kg

LD50 Dermal: 3275 mg/kg

### 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

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

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**Ecotoxicity**

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

**Persistence and degradability**

Not available.

**Bio - accumulative potential**

Not available.

**Mobility in soil**

Not available.

**Other adverse effects**

Not available.

**13. DISPOSAL CONSIDERATION**

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

**14. TRANSPORT INFORMATION**

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**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

**Class**

3

**Packaging group**

III

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

1169

**Proper shipping name**

Extracts, aromatic, liquid

**Class**

3

**Packaging group**

III

**IMDG-Marine pollution**

Yes.

**IATA Shipping Description (Air)**

1169

**Proper shipping name**

Extracts, aromatic, liquid

**Class**

3

**Packaging group**

III

**Emergency action in case of accident**

Notify police and fire department immediately

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**15. REGULATORY INFORMATION**

**California Proposition 65**

This product does not contain chemicals listed per the Safe Drinking Water and Enforcement Act of 1986.

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

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**16. OTHER INFORMATION**

Revision date : August 31, 2018

**Disclaimer & Caution**

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