

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Coriander Essential Oil - Seed
Botanical name	:	Coriandrum sativum L.
INCI name	:	Coriandrum Sativum Seed Oil
CAS #	:	8008-52-4 / 84775-50-8
Country of Origin	:	India
Product use	:	Domestic and Industrial
Supplier	:	Voyageur Soap & Candle Co. LTD
Address	:	Unit 14 - 19257 Enterprise Way, Surrey BC V3S 6J8
Website	:	<a href="http://www.voyageursoapandcandle.com">www.voyageursoapandcandle.com</a>
Telephone number	:	1 (800) 758-7773
Emergency phone number	:	1(800) 424-9300 CHEMTREC

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### GHS Classification

Flammable liquids - Category 4

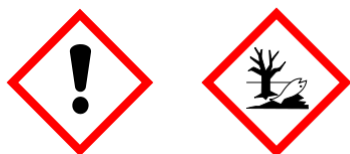
Skin corrosion/irritation - Category 2

Skin sensitization - Category 1

Serious eye damage/eye irritation - Category 2A

Hazardous to the aquatic environment - Chronic - Category 2

### GHS Label elements, including precautionary statements



Signal: Warning

### Hazard statement(s)

H227	Combustible liquid.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
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.
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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.
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 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+P364	Take off contaminated clothing and wash it 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
Linalool	78-70-6	201-134-4	65 - 73 %
alpha-Pinene	80-56-8	201-291-9	3.0 - 7.0 %
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	76-22-2	200-945-0	3.0 - 7.0 %
p-Mentha-1,4-diene	99-85-4	202-794-6	4.0 - 7.0
Geranyl acetate	105-87-3	203-341-5	1.0 - 4.0 %
d-limonene	5989-27-5	227-813-5	1.0 - 4.0 %
p-Cymene	99-87-6	202-796-7	0.5 - 2.0 %
Geraniol	106-24-1	203-377-1	0.3 - 1.5 %
Camphene	79-92-5	201-234-8	0.5 - 1.5 %
beta-Pinene	127-91-3	204-872-5	0.1 - 1.0 %
Terpinolene	586-62-9	209-578-0	0.2 - 0.8 %
trans-Nerolidol	40716-66-3	255-053-4	0.05 - 0.5 %
beta-Caryophyllene	87-44-5	201-746-1	0.05 - 0.3 %

### 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.

### **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.

### **Control parameters**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Exposure limit values

d-Limonene:  
TRGS 900 Occupational exposure limit values: 5ppm

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Colorless to pale yellow clear liquid.
Odor	:	Characteristic sweet spicy odor.
Flash point	:	66 °C
Relative density	:	0.8630 to 0.8750 @ 25 °C
Refractive index	:	1.460 to 1.472 @ 25 °C
Optical rotation	:	+8° to +15° @ 20 °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

Coriander Seed Oil:  
Oral LD50: 3565 ppm

### Chronic toxicity

May cause allergic reactions on skin.

### Reproductive toxicity

No adverse effects on reproduction are known.

### 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.

### Bio - accumulative potential

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

3082

### UN proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Linalool)

### Transport hazard class

9

### Packing group

III

### US DOT Shipping Description (Land)

3082

### Proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Linalool)

### Class

9

### Packaging group

III

### IMO-IMDG Shipping Description (Sea)

3082

### Proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Linalool)

### Class

9

### Packaging group

III

### IMDG-Marine pollution

Yes.

### IATA Shipping Description (Air)

3082

### Proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Linalool)

**Class**

9

**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 can expose you to beta-Myrcene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**GHS Hazard Statements**

Please refer to section 2.

**GHS Precautionary Statements**

Please refer to section 2.

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**16. OTHER INFORMATION**

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**Disclaimer & Caution**

The information provided in this Material Safety Data Sheet is based on current available data and knowledge and is believed to be accurate and given in good faith. Voyageur Soap & Candle Co. LTD and its subsidiaries however assume no liability and make no warranty, either expressed or implied, pertaining to the accuracy and completeness of the information contained herein including in regards to fitness and merchantability. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and therefore should not be construed as guaranteeing any specific property. The information herein relates only to the specific designated material and may not be valid for such material used in combination with any other materials, or in any process not specified in the text. Users should therefore consider this data only as a supplement to other information available from all other sources, and should incorporate this information into programs for the proper use and disposal of their materials and the health and safety of employees and customers.

End of Safety Data Sheet