# SAFETY DATA SHEET (SDS)

Revised: October 29, 2026

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Carrot Seed Essential Oil (Steam Distilled)

Botanical name: Daucus carota

INCI name: Daucus Carota Sativa Seed Oil

CAS #: 8015-88-1 / 84929-61-3

Country of Origin: India

EINECS #: 284-545-1

Product use: Domestic and Industrial

Supplier / Distributor: Cosmetic Labs Canada

Address: 298 Wellington St W, Sault Ste. Marie, Ontario P6A 1H7

Website: www.cosmeticlabscanada.com

Emergency: CANUTEC (613) 996-6666 (24 hours)
After-hours support: 705-910-6300

## 2. HAZARDS IDENTIFICATION

**GHS Classification**

Flammable liquids - Category 3

Hazardous to aquatic environment - Chronic - Category 3

**GHS Label elements, including precautionary statements**



**Signal: Warning**

**Hazard statement(s)**

H226 Flammable liquid and vapour.

H412 Harmful 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.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/ shower.

P370+P378 In case of fire: Use appropriate fire extinguisher to extinguish.

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

beta-Farnesene 18794-84-8 242-582-0 1 - 4 %

l-.beta.-Bisabolene 495-61-4 610-461-5 0.1 - 2 %

Caryophyllene oxide 1139-30-6 214-519-7 0.1 - 2 %

beta-Caryophyllene 87-44-5 201-746-1 0.1 - 1.2 %

alpha-Pinene 80-56-8 201-291-9 0.1 - 1 %

d-Limonene 5989-27-5 227-813-5 0.05 - 1 %

Myrcene 123-35-3 204-622-5 0.05 - 1 %

beta-Pinene 127-91-3 204-872-5 0.08 - 0.9 %

Terpinolene 586-62-9 209-578-0 0.01 - 0.8 %

Geranyl acetate 105-87-3 203-341-5 0.01 - 0.5 %

p-Mentha-1,4-diene 99-85-4 202-794-6 0.01 - 0.5 %

p-Cymene 99-87-6 202-796-7 0.01 - 0.2 %

Camphene 79-92-5 201-234-8 0.01 - 0.2 %

p-Mentha-1,3-diene 99-86-5 202-795-1 0.01 - 0.2 %

Geraniol 106-24-1 203-377-1 0.01 - 0.06 %

## 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

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

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.

Exposure limit values

TRGS 900 Occupational exposure limit value: 5 ppm

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Pale yellow to brownish yellow liquid.

Odor : Characteristic odor profile.

Flash point : 59°C

Solubility (ies) : Soluble in alcohol and oils. Insoluble in water.

Refractive index : 1.490 to 1.510 @ 20 °C

Optical rotation : +10° to +30°

## 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.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Geraniol:

LD50 (Oral) - 3600 mg/kg

Terpinolene

LD50 (Oral) - 3850 mg/kg

p-Cymene:

LD50 (Oral) - 4750 mg/kg

alpha-Pinene

LD50 (Oral) - 3500 mg/kg

p-Mentha-1,3-diene:

LD50 (Oral) - 1680 mg/kg

p-Mentha-1,4-diene:

LD50 (Oral) - 3850 mg/kg

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

Ecotoxicity

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

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

1197

UN proper shipping name

Extracts, liquid

Transport hazard class

3

Packing group

III

US DOT Shipping Description (Land)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IMO-IMDG Shipping Description (Sea)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

IATA Shipping Description (Air)

1197

Proper shipping name

Extracts, liquid

Class

3

Packaging group

III

Emergency action in case of accident

Notify police and fire department immediately

## 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.

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

## 16. OTHER INFORMATION

Revision date: October 29, 2026

**Disclaimer & Caution**

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This document has been prepared for Cosmetic Labs Canada using available technical safety information. Hazard classifications, physical properties and other technical details have not been independently verified by Cosmetic Labs Canada. Users must assess suitability and comply with all applicable safety, handling, transportation and regulatory requirements.