

SAFETY DATA SHEET (SDS)

Carrot Seed Essential Oil

Section 1. Product and Company Identification

Product Name: Carrot Seed Essential Oil

Product Code: EO76

SKU: S-EO-76

Botanical Name: Daucus carota

Country of Origin: India

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

EINECS #: 284-545-1

Manufacturer / Distributor: Silky Scents, LLC, 387 Magnolia Ave. STE. 103-122, Corona, CA 92879-3308, USA

Contact: customerservice@SilkyScents.com

Section 2. Hazards Identification

GHS Classification

Flammable Liquids - Category 3

Hazardous to the aquatic environment, chronic - Category 3



Signal Word: Warning

Pictograms: GHS02 (Flame).

HAZARD STATEMENTS:

H226 Flammable liquid and vapour.

H412 Harmful to aquatic life with long-lasting effects.

PRECAUTIONARY STATEMENTS:

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.

Section 3. Composition and Information on Ingredients

Component	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 %

Section 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, remove to fresh air. Get medical attention if symptoms appear.

Ingestion: Seek medical attention or contact local poison control center.

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

Resulting Gases: Carbon oxides.

Section 6. Accidental Release Measures

Personal Precautions: Equip clean-up 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.

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

Section 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: Provide local exhaust or general room ventilation to minimize vapour concentrations. Keep container closed when not in use.

Section 8. Exposure Controls/Personal Protection

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

Section 9. Physical and Chemical Properties

Property	Result
Appearance	Pale yellow to brownish yellow liquid
Odor	Characteristic odor profile
Flash Point	59 C
Solubility	Soluble in alcohol and oils. Insoluble in water
Refractive Index	1.490 to 1.510 @ 20 C
Optical Rotation	+10 to +30

Section 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.

Section 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.

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

Section 12. Ecological Information

Ecotoxicity: Avoid any pollution of ground, surface or underground water.

Persistence and Degradability: Not available.

Bioaccumulative Potential: Not available.

Mobility in Soil: Not available.

Other Adverse Effects: Not available.

Section 13. Disposal Considerations

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

Section 14. Transport Information

UN Number: UN1197

UN Shipping Name: Extracts, liquid

Transport Hazard Class: 3

Packing Group Number: III

US DOT (Land): UN1197, Extracts, liquid, Class 3, PG III

IMO-IMDG (Sea): UN1197, Extracts, liquid, Class 3, PG III

IATA (Air): UN1197, Extracts, liquid, Class 3, PG III

Emergency Action: Notify police and fire department immediately.

Section 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.

Product Regulations: GHS Hazard Statements: please refer to Section 2. GHS Precautionary Statements: please refer to Section 2.

Section 16. Other Information

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