SAFETY DATA SHEET (SDS)

Revised: November 3, 2026

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Fennel Sweet Essential Oil
Botanical name	Foeniculum vulgare dulce
INCI name	Foeniculum Vulgare Oil
CAS #	8006-84-6
Country of Origin	Hungary
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

Emergency Overview

GHS Classification

Flammable liquids - Category 4

Aspiration toxicity - Category 1

Skin Sensitization - Category 1

Carcinogenicity - Category 2

Germ cell mutagenicity - Category 2

Hazardous to the aquatic environment - Chronic Category 2

GHS Label elements, including precautionary statements



Signal: Danger

Hazard statement(s)

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H341 Suspected of causing genetic defects.

H351 Suspected of causing cancer.

H411 Toxic to aquatic life with long-lasting effects.

Precautionary statement(s)

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352 IF ON SKIN: Wash with plenty of water.
P308+P313 If exposed: Call a POISON CENTER or doctor/physician.
P321 Specific treatment (see section 4 on this label).
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use appropriate fire extinguisher to extinguish.
P403+P235 Store in a well ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container according to local regulations.
The substance does not meet persistent (P), bio-accumulation (B) and toxicity (T) criteria. The product is not PBT pr vPvB.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
trans-Anethole	4180-23-8	224-052-0	70 - 80 %
Limonene	5989-27-5	227-813-5	3-8%
alpha-Pinenes	80-56-8	201-291-9	1-7%
Methyl Chavicol	140-67-0	205-427-8	≤6%
p-Cymeme	99-87-6	202-796-7	1.5 %

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

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

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Do not flush into surface water or sanitary sewer system. 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, such as sand, diatomite, acid binders, universal binders, sawdust, 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

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

Appearance : Colorless to pale yellow clear liquid.

Odor : Characteristic spicy sweet woody odor.

Flash point : 62°C

Relative density : 0.953 to 0.973 @ 20 °C

Solubility (ies) : 1:1 in 90% alcohol.

Refractive index : 1.532 to 1.543 @ 20 °C

Optical rotation : +12° to +24° @ 20 °C

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

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

12. ECOLOGICAL INFORMATION

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

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

3082

UN proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Fennel oil)

Transport hazard class

9

Packing group

III

US DOT Shipping Description (Land)

3082

Proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Fennel oil)

Class

9

Packaging group

III

IMO-IMDG Shipping Description (Sea)

3082

Proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Fennel oil)

Class

9

Packaging group

III

IMDG-Marine pollution

Yes.

IATA Shipping Description (Air)

3082

Proper shipping name

Environmentally hazardous substance, liquid, n.o.s. (Fennel oil)

Class

9

Packaging group

III

15. REGULATORY INFORMATION

California Proposition 65

• This product can expose you to Estragole, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

• This product can expose you to beta-Mycrene, 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

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Disclaimer & Caution

This safety data sheet is prepared by Cosmetic Labs Canada using supplied technical safety information. The information is provided for workplace hazard communication and should be reviewed against current product specifications and applicable requirements. Users must evaluate suitability, handling procedures, and compliance for their specific operations.