

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Fennel Sweet Essential Oil

Botanical name : Foeniculum vulgare

INCI name : Foeniculum Vulgare (Fennel) Oil

Country of Origin : Hungary

Product use : Domestic and Industrial

Supplier : Canwax

Address : 114 Lindgren Rd W Unit 1B Huntsville, ON P1H 1Y2

Fax :

Telephone number : 705-789-1002

Emergency phone number : (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

GHS Classification

Serious eye
 damage/eye
 irritation -
 Category 2/2A

2. HAZARDS IDENTIFICATION**Emergency Overview****WHMIS Classification**

B3 Combustible Liquid Combustible Liquid

D2B Toxic Material Causing Other Toxic Effects Moderate skin irritant

Skin Corrosion/Irritation - Category 2 Sensitization skin -

Category 1.

Flammable liquids - Category 4

Hazardous to the aquatic environment - Chronic Category 1

GHS Label elements, including precautionary statements

Signal : Warning

Hazard statement(s)

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317	May cause an allergic skin reaction.
H227	Combustible Liquid
H410	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Precautionary statement(s)	
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P264	Wash ... thoroughly after handling.
P302 + 352	IF ON SKIN: Wash with plenty of water
P501	Dispose of contents/container in accordance with appropriate regulations.

HMIS Classification & Potential Health Effects

HMIS Ratings

Health : 2, Flammability : 2, Physical Hazard : 0

Skin

May be harmful if absorbed through skin. Causes skin irritation.

Eyes

Causes eye irritation

Ingestion

May be harmful if swallowed.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Anethole	4180-23-8	224-052- 0	70 - 74%
Fenchone	1195-79-5	214-804- 6	12 - 16%
Estragole	140-67-0	205-427-8	2 - 6%

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

CO2, sand, extinguishing powder.

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

Ensure good ventilation of working area. 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, 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	:	Colourless to pale yellow liquid.
Odor	:	Characteristic spicy sweet woody odor.
Flash point	:	62 °C
Relative density	:	0.953 - 0.973
Solubility (ies)	:	1:1 in 90% alcohol.
Refractive index	:	1.532 – 1.543
Optical rotation	:	+12° to +24°

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

Very 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

US DOT Shipping Description (Land)

Not regulated

IMO-IMDG Shipping Description (Sea) Not regulated

IATA Shipping Description (Air)

Not regulated

15. REGULATORY INFORMATION

WHMIS Classification

B3, D2B

HMIS (USA)

Health : 2, Flammability : 2, Physical Hazard : 0

California Proposition 65

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (as stated in Proposition 65 revised list): METHYL CHAVICOL.

GHS Hazard Statements See

Section 2.

GHS Precautionary Statements See

Section 2.

16. OTHER INFORMATION

Revision date : January 11, 2016