



1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Fennel Sweet Essential Oil Essential Oil
Botanical name	:	Foeniculum vulgare var. dulce
Country of Origin	:	Spain
CAS #	:	8006-84-6
Supplier	:	Sri Venkatesh Aromas
Address	:	T-2/202, Mangolpuri Industrial Area, Phase - 1 Delhi - 110083
Telephone Number	:	+91 85860 04906, +9111 4513 2126
Email ID	:	sales@svanaturals.com
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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 H304 H317

H341 H351 H411

Combustible liquid.

May be fatal if swallowed and enters airways.

May cause an allergic skin reaction.

Suspected of causing genetic defects.

Suspected of causing cancer.

Toxic to aquatic life with long-lasting effects.

Precautionary

statement(s)

P201 P202

Obtain special instructions before use.

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 P272	Avoid breathing dust/fumes/gas/mist/vapours/spray.
P280 P281	Contaminated work clothing should not be allowed out of the workplace.
P301+P310	Wear protective gloves/protective clothing/eye protection/face protection.
0	Use personal protective equipment as required.
P302+P352	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
2	IF ON SKIN: Wash with plenty of water.
P308+P313	If exposed: Call a POISON CENTER or doctor/physician.
3 P321	Specific treatment (see section 4 on this label).
P333+P331	If skin irritation or a rash occurs: Get medical advice/attention.
3 P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use appropriate fire extinguisher to extinguish.
8	Store in a well ventilated place. Keep cool.
P403+P233	Store locked up.
5 P405	Dispose of contents/container according to local regulations.
P501	

Other Info

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-	224-052-	n 70 - 80 %
Limonene	8 5989-	0 227-	3 - 8 %
alpha-Pinenes	27-5 80-	813-5	1 - 7 %
Methyl Chavicol	56-8 140-	201-291-9	≤ 6 %
p-Cymene	67-0 99-	205-427-8	1.5 %
	87-6	202-796-7	

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

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-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 : April 21, 2022

Disclaimer & Caution

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