

MYSTIC MOMENTS

Certificate of Analysis

PRODUCT DETAILS		
Product Name	FENNEL OIL SWEET	
Product Code	OEFENNSWEE	
INCI Name	Foeniculum vulgare Mill. Var. dulce	
Batch Number	4443309	
Best Before End	August 2024	
Manufacturing Process	Obtained by steam distillation from the fruits of Foeniculum vulgare Mill. Var. dulce (Umbelliferae).	
Identification	CAS No: 84455-29-8 Alternative Cas: 8006-84-6 EINECS No: 282-892-3 FEMA: 2483	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS
Appearance	Liquid	Conforms
Colour	Colourless to light yellow	Conforms
Odour	Characteristic	Conforms
Relative Density @ 20°C	0.950 - 0.985	0.97
Refractive Index @ 20°C	1.520 - 1.560	1.534
Flash Point	>65°C	Conforms
Optical Rotation	+4.0 to +25.0	+15.3
STORAGE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. **It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.**

MYSTIC MOMENTS

CMR STATEMENT

IDENTIFICATION											
Product:	Fennel Oil Sweet										
Cas No:	84455-29-8/ 8006-84-6										
EINECS No:	282-892-3										
STATEMENT											
<p>We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above contains the following CMR substances or traces of CMR substances (Carcinogenic, Mutagenic, Toxic for reproduction) graded 1A, 1B and 2 listed below in accordance with the 1272/2008/E Regulation:</p>											
<table border="1"><thead><tr><th>Components</th><th>% Total</th></tr></thead><tbody><tr><td>P-Cymene (99-87-6)</td><td><1.5</td></tr><tr><td>Gamma Terpinene (99-85-4)</td><td><1</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></tbody></table>	Components	% Total	P-Cymene (99-87-6)	<1.5	Gamma Terpinene (99-85-4)	<1					
Components	% Total										
P-Cymene (99-87-6)	<1.5										
Gamma Terpinene (99-85-4)	<1										
<p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>											

MYSTIC MOMENTS

SAFETY DATA SHEET FENNEL OIL SWEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	FENNEL OIL SWEET
Product number	FENNEL1000
Synonyms; trade names	Foeniculum vulgare Mill. var.dulce
CAS number	84455-29-8
Alternative Cas Number	8006-84-6
EC number	282-892-3
FEMA No:	2483

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Industrial, only for professional use
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1.3. Details of the supplier of the safety data sheet

Supplier	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA Tel. +44 1425 655555 e-mail technical@madarcorporation.co.uk
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1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Muta. 2 - H341 Carc. 2 - H351 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411

Human health May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Suspected of causing genetic defects. Suspected of causing cancer.

Environmental Toxic to aquatic life with long lasting effects.

2.2. Label elements

EC number	282-892-3
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FENNEL OIL SWEET

Hazard pictograms



Signal word

Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 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 statements

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P331 Do NOT induce vomiting.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

trans-anethole, Alpha Pinene, Estragole, (R)-p-mentha-1,8-diene, p-Cymene

Supplementary precautionary statements

P261 Avoid breathing vapour/ spray.
 P264 Wash contaminated skin thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P308+P313 IF exposed or concerned: Get medical advice/ attention.
 P321 Specific treatment (see medical advice on this label).
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P391 Collect spillage.
 P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

trans-anethole	70 - 90%
CAS number: 4180-23-8	EC number: 224-052-0
Classification	
Skin Sens. 1 - H317	

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Estragole	<6%
CAS number: 140-67-0	EC number: 205-427-8
Classification	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Skin Sens. 1B - H317	
Muta. 2 - H341	
Carc. 2 - H351	
Alpha Pinene	1 - 7%
CAS number: 80-56-8	EC number: 201-291-9
M factor (Acute) = 1	M factor (Chronic) = 1
Classification	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
(R)-p-mentha-1,8-diene	1-10%
CAS number: 5989-27-5	EC number: 227-813-5
M factor (Acute) = 1	
Classification	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 3 - H412	
p-Cymene	<1.5%
CAS number: 99-87-6	EC number: 202-796-7
Classification	
Flam. Liq. 3 - H226	
Repr. 2 - H361	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

FENNEL OIL SWEET

General information	Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take of all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. never give anything by mouth.
Inhalation	Move affected person to fresh air at once. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

4.2. Most important symptoms and effects, both acute and delayed

General information Observe risk of aspiration if vomiting occurs.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use as appropriate carbon dioxide (CO₂), dry chemical or foam Water spray.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO₂), smoke, soot.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Containers close to fire should be removed or cooled with water. Do not allow run-off fire fighting to enter drains or water courses.

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin and eyes. Avoid inhalation of vapours.

For emergency responders Wear an appropriate NIOSH / MSHA approved respirator if mist or vapour is generated.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

FENNEL OIL SWEET

Methods for cleaning up Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal.

6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Do not breathe vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only in well-ventilated areas.

Advice on general occupational hygiene Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures not exceeding 25°C.

7.3. Specific end use(s)

Specific end use(s) No information available.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

trans-anethole (CAS: 4180-23-8)

DNEL	Workers - Inhalation; Long term systemic effects: 26.45 mg/m ³
	Workers - Dermal; Long term systemic effects: 7.5 bw/day, mg/kg
	General population - Inhalation; Long term systemic effects: 6.5 mg/m ³
	General population - Dermal; Long term systemic effects: 3.75 bw/day, mg/kg
PNEC	- Fresh water; Short term 0.007 mg/l
	- STP; Short term 0.972 mg/l

Alpha Pinene (CAS: 80-56-8)

DNEL	Workers - Inhalation; Long term systemic effects: 3.8 mg/m ³
	Workers - Dermal; Long term systemic effects: 0.54 bw/day, mg/kg
	General population - Inhalation; Long term systemic effects: 0.67 mg/m ³
	General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day
	General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day
PNEC	- Fresh water; Short term 0.606 mg/l
	- Fresh water, Intermittent release; 3.03 mg/l
	- marine water; Short term 0.061 mg/l
	- Intermittent release, marine water; 0.303 mg/l
	- STP; Short term 0.2 mg/l
	- Sediment (Freshwater); Short term 157 mg/kg
	- Sediment (Marinewater); Short term 15.7 mg/kg
- Soil; Short term 31.7 mg/kg	

(R)-p-mentha-1,8-diene (CAS: 5989-27-5)

FENNEL OIL SWEET

DNEL

Workers - Inhalation; Long term systemic effects: 33.3 mg/m³

General population - Oral; Long term systemic effects: 4.76 mg/kg

PNEC

- STP; 1.8 mg/l

- Soil; 0.262 mg/kg

- Fresh water; 0.0054 mg/l

- marine water; 0.00054 mg/l

- Sediment (Freshwater); 1.32 mg/kg

- Sediment (Marinewater); 0.13 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Personal protection

Use personal protection according to Directive 89/686/EEC

Eye/face protection

Wear face protection.

Hand protection

Chemical resistant gloves (PVC)

Other skin and body protection

Wear protective clothing.

Hygiene measures

Good personal hygiene procedures should be implemented.

Respiratory protection

Generally unnecessary in a well ventilated area.

If ventilation is insufficient, respiratory protection must be worn.

Environmental exposure controls

Avoid discharging into drains.

FENNEL OIL SWEET

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless. to Light yellow
Odour	Characteristic.
Flash point	>65°C
Relative density	0.950 - 1.100 @ 20°C

9.2. Other information

Refractive index	1.520 - 1.560 @ 20°C
Optical Rotation	0 to +25.0

Hydrocarbon Content

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No other information known.
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10.2. Chemical stability

Stability	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None known.
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10.4. Conditions to avoid

Conditions to avoid	Temperatures above room temperature will allow the transfer from liquid to vapour phase and the formation of explosive atmosphere. Storing the product in open containers will benefit the formation of peroxides and derogate the quality.
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10.5. Incompatible materials

Materials to avoid	Strong acids. Strong alkalis. Strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Not known.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)	16,666.67
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Skin corrosion/irritation

Skin corrosion/irritation	Causes skin irritation.
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Skin sensitisation

Skin sensitisation	May cause an allergic skin reaction.
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Germ cell mutagenicity

Genotoxicity - in vitro	Suspected of causing genetic defects.
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FENNEL OIL SWEET

Carcinogenicity

Carcinogenicity Suspected of causing cancer.

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulative potential No information available.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No information available.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

UN No. (ADN) 3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR/RID class 9

ADR/RID classification code M6

ADR/RID label 9

IMDG class 9

ICAO class/division 9

FENNEL OIL SWEET

ADN class 9

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Guidance	CHIP for everyone HSG228.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	12/05/2021
Revision	2
Supersedes date	08/06/2017
SDS number	4956

FENNEL OIL SWEET

Hazard statements in full

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H341 Suspected of causing genetic defects.
H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

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Product Specification

PRODUCT DETAILS		
Product Name	FENNEL OIL SWEET	
Product Code	OEFENN	
INCI Name	Foeniculum vulgare Mill. Var. dulce	
Country of Origin	Various	
Tariff Number	33012941	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as 100% pure natural.	
Food Grade Status	We hereby declare, from information received from our supplier, that this product is in conformity with the EU Regulation 1334/2008/EC, provided that the content of Methyl Chavicol (Estragole) in certain compound food does not exceed the maximum limites as defined in Annex III Part B of the abvoe mentioned regulation. We further declare that this product can contain upto 6% (60 000ppm) of Methyl Chavicol (Estragole).	
Kosher Certified	No but can be added to our kosher list.	
Halal Certified	We hereby delcare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Manufacturing Process	Obtained by steam distillation from the fruits of Foeniculum vulgare Mill. Var. dulce (Umbelliferae).	
Identification	CAS No: 84455-29-8	EINECS No: 282-892-3
	Alternative Cas: 8006-84-6	FEMA: 2483
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Liquid	
Colour	Colourless to light yellow	
Odour	Characteristic	
Relative Density @ 20°C	0.950 - 1.100	
Refractive Index @ 20°C	1.520 - 1.560	
Flash Point	>65°C	
Optical Rotation	0 to +25.0	
FRAGRANCE ALLERGENS		
Limonene (5989-27-5) 1-10%		
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
Estragole (140-67-0) upto 6%	Anisaldehyde (123-11-5) upto 0.5%	
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	When stored for more than 24 months, quality should be checked before use.	

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Vegan and Vegetarian Statement

IDENTIFICATION	
Product:	FENNEL OIL SWEET
Cas No:	84455-29-8
EINECS No:	282-892-3
STATEMENT	
<p>We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan diet.</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>	