



اجراء مراقبة الجودة

QC:15

MATERIAL SAFETY DATA SHEET
Fennel CO₂ Extract
CO₂.015.001

شركة أبوتيك باي
لخلاصات النباتات

SECTION 1: Identification of the Product and the Company

Product Name/ Commercial Name: Fennel CO₂ Extract

Product Use: In food industry, pharmaceutical and cosmetic products.

Product Form: CO₂ Extract

Details on Manufacturer:

Name: APOTEC BAY

Address: E2, Block G14, Industrial Zone, North Extension, Giza
Governorate

Telephone: +201007054000

E-mail: contactus@apotecbay.com

Details on Supplier:

Name: APOTEC BAY

Address: E2, Block G14, Industrial Zone, North Extension, Giza
Governorate

Telephone: +201007054000

Contact Person:

E-mail: contactus@apotecbay.com

Emergency Phone Number

SECTION 2: Composition and Information on Ingredients

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Fennel CO ₂ Extract	84625-39-8	100 %	N/A

Carc. 2, Muta. 2, Skin Sens. 1, Aquatic Chronic 2; H351 H341 H317 H411

Chemical characterization

INCI-Name: Foeniculum Vulgare Seeds Extract, CAS-Nr. 84625-39-8, EINECS-Nr. 283-414-6

SECTION 3: Hazards Identification

Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories

Hazard categories:

Respiratory or skin sensitisation: Skin Sens. 1

Germ cell mutagenicity: Muta. 2

Carcinogenicity: Carc. 2

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements

May cause an allergic skin reaction.

Suspected of causing genetic defects.

Suspected of causing cancer.

Toxic to aquatic life with long lasting effects.

Label elements

Regulation (EC) No. 1272/2008

Signal word

Warning

Pictogram



Hazard statements

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

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

P273 Avoid release to the environment.

P302+P352 IF ON SKIN: Wash with plenty of water.

P362+P364 Take off contaminated clothing and wash it before reuse.

P308+P313 IF exposed or concerned: Get medical advice/attention.

Other hazards

Special skid risk by leaking/spilling product.

SECTION 4: First Aid Measures

Description of necessary first-aid measures

General Information

Seek medical attention if problems persist.

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

After ingestion

Rinse mouth immediately and drink large quantities of water. Consult physician.

Most important symptoms and effects, both acute and delayed

No known symptoms to date

Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5:

Fire Fighting Measures

Extinguishing Media

- Suitable extinguishing media
Foam, Carbon dioxide CO₂, powder
- Unsuitable extinguishing media
Water spray.

Special hazards arising from the substance or mixture

Flammable vapours can accumulate in steam space of closed systems.

Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6:

Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

General measures

Avoid contact with skin, eyes and clothes.

Wear personal protection equipment.

Provide adequate ventilation.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Avoid release to the environment.

Environmental precautions

Methods and material for containment and cleaning up

Other information

Take up with oil-absorbing compound. Remove mechanically, placing in appropriate containers for disposal.

SECTION 7:

Handling and Storage

Precautions for Safe Handling:

Advice on safe handling

Avoid contact with skin, eye and clothing.

Wear suitable protective clothing, gloves and eye/face protection.

Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion



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Keep away from sources of ignition - No smoking.

**Conditions for Safe Storage,
Including any
Incompatibilities:**

Requirements for storage rooms and vessels
Store in a well-ventilated place. Keep container tightly closed.

SECTION 8:

Exposure Controls/ Personal Protection

Control parameters

Exposure controls

Protective and hygiene measures:	Change contaminated clothing.
Respiratory protection:	Do not breathe gas/fumes/vapour/spray. Respiratory protection required in case of: aerosol or mist generation.
Hand Protection:	When handling chemical substances, chemical protective clothing CE label (including a four digit code) must be worn EN 374.
Eye/Face Protection:	Wear eye/face protection.
Skin protection	Only wear fitting, comfortable and clean protective clothing. Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

SECTION 9:

Physical and Chemical Properties

Appearance, Physical State:	Clear liquid
Odor:	Characteristic.
Taste:	N/A
Color:	Yellow
Density (20°C)	0.950 – 0.970 g/cm ³
pH _{SEP}	N/A
Boiling Point	N/A
Melting Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Evaporation Rate	N/A
Flammability Limits (% LFL)	N/A
Upper/lower Explosive Limit	N/A
Flash point	> 61 °C closed cup



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Solubility	Good soluble in fat form
Specific Gravity	N/A
Freezing Point	N/A
Ignition Temperature	N/A
Spontaneous Temperature	N/A

SECTION 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Incompatible materials	Oxidizing agents.
Further information	No ignition, explosion, self-heating or visible decomposition.

SECTION 11: Toxicological Information

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicocinetics, metabolism and distribution

No data available

Acute toxicity	No data available
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SECTION 12: Ecological Information

Toxicity	No special environmental protection measures are necessary.
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available

SECTION 13: Disposal Considerations

Waste treatment methods	Disposal recommendations
List of Wastes Code - residues/unused products	Dispose of waste according to applicable legislation. 160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste.
Contaminated packaging	Dispose of waste according to applicable legislation.

SECTION 14: Transport Information

Land transport (ADR/RID)

UN number	UN 3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains: Limonene and alpha pinene)
Transport hazard class(es)	9
Packing group	III
Hazard label	9



Classification code	M6
Special Provisions	274 335 601
Limited quantity	5 L
Transport category: 3	3
Hazard No: 90	90
Tunnel restriction code	E
Other applicable information (land transport)	E1

Inland waterways transport (ADN)

UN number	UN 3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains: Limonene and alpha pinene)
Transport hazard class(es)	9
Packing group	III
Hazard label	9



Classification code	M6
Special Provisions	274 335 601
Limited quantity	5 L
Other applicable information (inland waterways transport)	E1

Marine transport (IMDG)

UN number	UN 3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Contains: Limonene and alpha pinene)
Transport hazard class(es)	9
Packing group	III
Hazard label	9



Special Provisions	274, 335
Limited quantity	5 L
EmS	F-A, S-F
Other applicable information (marine transport)	E1
Air transport (ICAO-TI/IATA-DGR)	
UN number	UN 3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains limonene and alpha pinene)
Transport hazard class(es)	9
Packing group	III
Hazard label	9



Special Provisions	A97 A158
Limited quantity Passenger	30 Kg G
IATA-packing instructions – Passenger	964
IATA-max. quantity – Passenger	450 L
IATA-packing instructions – Cargo	964
IATA-max. quantity – Cargo	450 L

Other applicable information (air transport)

: Y964
E1

Environmental hazards

ENVIRONMENTALLY HAZARDOUS Yes



Danger releasing substance	Limonene and alpha pinene
<u>Special precautions for user</u>	No data available
<u>Maritime transport in bulk according to IMO instruments</u>	No data available

SECTION 15:

Regulatory Information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3
2004/42/EC (VOC) 5,08 % (48,26 g/l)

National regulatory information

Employment restrictions

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D)

2 - obviously hazardous to water



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SECTION 16:

Additional Information

Changes

Relevant H and EUH statements (number and full text)

Reason for revision: general revision of whole document

H317 May cause an allergic skin reaction.

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H351 Suspected of causing cancer.

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