



Snow Lotus
47 Foley St Santa Rosa, CA 95403
(800)682-8827 info@snowlotus.org

SAFETY DATA SHEET

Fennel

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

1.1 Product Identifier

Commercial name: Fennel CO 2
Botanical name: *Foeniculum vulgare var. dulce*
EINECS CAS-no: 201-234-8
EC no: 79-92-5

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

Recommended use: Fragrances; aromatherapy; food industry
Use Advised against: None in particular

1.3 Details of the supplier of the safety data sheet

Company identification: Snow Lotus
47 Foley St
Santa Rosa, CA 95401
(800)682-8827
info@snowlotus.org

Emergency telephone number

Emergency phone #: CHEMTREC: 800-424-9300

SECTION 2: Hazard Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008:

Physical and chemical hazards: Not classified
Human Health: Aspiration hazard, category 1- H304
Skin corrosion/irritation, category 2 H315
Skin sensitization, category 1- H317
Environment: Serious eye damage/eye irritation, category 2- H319
Toxic to aquatic life with long lasting effects.

2.2 Label Elements

Signal word: Warning

Pictograms:



Hazard Statement: H317: May cause an allergic skin reaction
H314: 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/vapor/spray
P273: Avoid release into the environment
P302+P352: IF ON SKIN: wash with plenty of water
P362+P364: Take off contaminated clothing and wash before reuse
P308+P313: If exposed or concerned- get medical advice/attention

SECTION 3: Composition/information on ingredients

3.1 Substances

Name of Component	EINECS CAS No.	EC No.	% composition	Classification
Foeniculum vulgare	283-414-6	-	85-95%	-

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Inhalation: Provide fresh air
Ingestion: Immediately rinse mouth and drink water. Consult physician
Skin contact: Wash with water and soap. Remove contaminated clothing and shoes.
Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and rinse under eyelids.

4.2 Indication of any immediate medical attention and special treatment needed

Get medical attention if any discomfort is felt, and bring these instructions.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Foam, dry powder, CO₂
Unsuitable extinguishing media: Water jet or fog (spray)

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for the firefighters

Move undamaged containers from immediate hazard area if it can be done safely.
Use full face, self contained breathing apparatus and appropriate protective clothing.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, protective equipment, and emergency procedures

Avoid contact with skin and eyes, concentrated extracts should not be swallowed. Wear personal protection equipment. Provide adequate ventilation. Wear respiratory protection when in the presence of vapor, dust and aerosols.

6.2 Environmental precautions

Keep away from canalization, waterway, groundwater

6.3 Methods and material for containment and cleaning up

Suck up with oil binding media. Remove mechanically, placing in appropriate containers for disposal.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes, concentrated extracts should not be swallowed. Wear splash goggles and oil resistant gloves. Do not breathe gas/fumes/vapor/spray.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and dark place in tightly, suitable containers. Keep away from sources of ignition.

7.3 Specific end use(s)

None in particular.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

No data available.

8.2 Exposure Controls

8.2.1 Engineering Measures:

Ensure adequate ventilation, especially in confined areas.

8.2.2 Individual protection measures:

Good personal hygiene practice:

Wash hands after any contact, before breaks and meals and end of the work.

Eye/face protection:

Wear splash goggles

Skin protection:

Wear clothing as usual in chemical industry, remove contaminated clothes. After contact with skin, wash immediately.

Respiratory problems:

Do not breathe vapor/aerosol.

Thermal hazards:

No data available.

8.2.3 Environmental exposure controls:

No data available.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:

Yellow, liquid oil

Odor:

Characteristic, warm, spicy, sweet

Odor threshold:

No data available

PH:

No data available

Melting point/freezing point:

No data available

Flash point:

>61°C

Boiling point:

No data available

Evaporation rate:

No data available

Flammability (solid,gas):

Not applicable

Upper/lower flammability explosive limits:

No data available

Vapour pressure:

No data available

Vapour density:

No data available

Refractive Index:

No data available

Specific Gravity:

No data available

Solubility:

Insoluble

Partition coefficient(n-octanol/water):

No data available

Auto-ignition temperature:

No data available

Decomposition:

No data available

Viscosity:

No data available

Explosive properties:

No data available

Oxidising properties:

No data available

Bulk density:

0,950-0,970 g/cm³

SECTION 10: Stability and reactivity

10.1 Reactivity:

No data available

10.2 Chemical stability:

No data available

10.3 hazardous decomposition products:

No data available

10.4 Conditions to avoid:

Heat, open flame, sunlight

SECTION 11: Toxicological Information

Evidence exists for human carcinogenicity

Evidence exists for human germ cell mutagenicity

May cause lung damage if swallowed

Irritating to eyes, respiratory system and skin

May cause sensitization by skin contact

May cause allergic reactions of the skin

Frequently or prolonged contact with skin may cause dermal irritation. Acute toxicity, irritation of the skin and mucous membrane, and mutagenic potential of the preparation assessed by the manufacturer on the basis of the data sheets available on the main components. Information gaps exist on some of the main individual components. However, according to the experience of the manufacturer, no dangers above those on the product label are to be expected.