



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification

Product Name: Fenugreek Absolute

Alternative Name: Fenugreek Extract, Fenugreek Oleoresin

Botanical Name: *Trigonella foenum-graecum* L.

INCI Name: *Trigonella Foenum-Graecum* Seed Extract

CAS Number: 84625-40-1

EC Number: 283-415-1

FEMA Number: 2486

Extraction Method: Solvent Extraction

Plant Part: Seeds

Origin: India

Product Type: Natural Absolute

Olfactory Description: Rich maple syrup, caramel, roasted, nutty, curry-like, tobacco, hay, coffee and gourmand.

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic, flavour and fragrance raw material.

Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Telephone: +971 505197601

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

According to published supplier SDS information, Fenugreek Absolute (CAS 84625-40-1) is not classified as a hazardous substance or mixture under Regulation (EC) No. 1272/2008 (CLP) or OSHA Hazard Communication Standard when supplied in its pure form.



Signal Word

None

Hazard Statements

Not classified as hazardous.

Precautionary Statements

- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke while using this product.
- P280 Wear protective gloves and eye protection during prolonged industrial handling.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Fenugreek Absolute
Botanical Name	<i>Trigonella foenum-graecum</i> L.
CAS Number	84625-40-1
EC Number	283-415-1
FEMA Number	2486
Composition	Natural complex botanical extract

Typical Naturally Occurring Constituents

- Sotolone
- Pyrazines
- Lactones
- Coumarin derivatives
- Fatty acids
- Sesquiterpenes
- Phenolic compounds

SECTION 4 – FIRST AID MEASURES

Inhalation: Move the affected person to fresh air. Seek medical advice if symptoms persist.



Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Flush with clean water for at least 15 minutes. Obtain medical attention if irritation develops.

Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical advice if unwell.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water fog

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Provide adequate ventilation.

Avoid unnecessary release into drains and waterways.

Absorb with inert absorbent material and place into suitable containers for disposal.

SECTION 7 – HANDLING AND STORAGE

Handle using good industrial hygiene practices.

Keep containers tightly closed.

Store in a cool, dry and well-ventilated place.



Protect from excessive heat, direct sunlight and strong oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Safety glasses
 - Nitrile gloves
 - Protective clothing
 - Adequate ventilation
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical Specification
Appearance	Dark amber to reddish-brown viscous liquid
Odour	Maple syrup, caramel, roasted, nutty, curry-like
Relative Density (25 °C)	Approximately 0.982
Refractive Index (20 °C)	Approximately 1.491
Flash Point	Approximately 74 °C (Closed Cup)
Solubility	Soluble in ethanol and perfumery solvents; insoluble in water

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Direct sunlight

Hazardous decomposition products include carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 11 – TOXICOLOGICAL INFORMATION



No significant acute toxicity is expected under normal conditions of professional use.

Natural botanical extracts may produce allergic reactions in sensitive individuals.

Avoid prolonged skin contact.

Published supplier SDS classifies this material as **not hazardous** under CLP.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

No complete ecological dataset is available for this natural botanical extract.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of product and contaminated packaging through an authorised waste disposal contractor in accordance with local regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	Not Regulated
ADR/RID	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EU) 2020/878



SECTION 16 – OTHER INFORMATION

Fenugreek Absolute (CAS 84625-40-1) is a natural aromatic extract obtained by solvent extraction of the seeds of *Trigonella foenum-graecum*. It is widely used in fine fragrance and flavour creation for its rich maple syrup, caramel, roasted nut, coffee, tobacco and curry-like nuances. In perfumery it is used at trace levels to add warmth, gourmand richness and natural complexity to tobacco, amber, leather, spice, coffee and oriental accords. Published supplier safety data classify the material as not hazardous under current GHS/CLP criteria when supplied as the neat extract.

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Prepared and Authorised By:

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