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 OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Item	Information
Product name	Mastic Leaf Absolute
Botanical name	*Pistacia lentiscus* L.
INCI name	Pistacia Lentiscus Leaf Extract
CAS number	90082-82-9
EC number	290-174-6
Product type	Natural botanical extract / natural complex substance
Plant part	Leaves
Extraction method	Solvent extraction followed by solvent removal
Recommended use	Professional fragrance and cosmetic raw material

The CAS number 90082-82-9 and EC number 290-174-6 are associated with *Pistacia lentiscus* leaf extract.

1.2 Relevant identified uses

Fine-fragrance formulation
Cosmetic fragrance compounds
Incense and aromatic preparations
Soap and toiletries
Product-development and laboratory applications

1.3 Uses advised against

Internal consumption
Direct application to skin without dilution
Use by children
Therapeutic or medicinal use without appropriate authorisation
Any use inconsistent with applicable legislation

1.4 Supplier details

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

1.5 Emergency telephone

Contact the local emergency services or poison-control centre.

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification according to Regulation (EC) No. 1272/2008

Because this material is a natural complex substance, classification may vary with botanical source, extraction conditions, residual-solvent level and batch composition.

Recommended precautionary classification:

Hazard class	Classification
Aspiration hazard	Category 1
Skin irritation	Category 2
Skin sensitisation	Category 1
Serious eye irritation	Category 2
Hazardous to the aquatic environment, chronic	Category 2

2.2 Label elements

Signal word: Danger

Hazard pictograms:

- GHS07 – Exclamation mark
- GHS08 – Health hazard
- GHS09 – Environment

Hazard statements

- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H411: Toxic to aquatic life with long-lasting effects.

Published safety documentation for *Pistacia lentiscus* aromatic materials commonly identifies skin irritation, sensitisation, aspiration and aquatic hazards; final classification should follow the actual batch composition and flash-point testing.

Precautionary statements

- P261: Avoid breathing vapour, mist or spray.
- P264: Wash hands and exposed skin thoroughly after handling.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P273: Avoid release to the environment.
- P280: Wear protective gloves, protective clothing and eye protection.
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE or physician.
- P331: Do NOT induce vomiting.
- P302+P352: IF ON SKIN: Wash with plenty of soap and water.
- P333+P313: If skin irritation or rash occurs: Get medical advice.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, when present and easy to do. Continue rinsing.
- P337+P313: If eye irritation persists: Get medical advice.
- P391: Collect spillage.
- P405: Store locked up.
- P501: Dispose of contents and container in accordance with local regulations.

2.3 Other hazards

- Natural extracts may oxidise during storage.
- Oxidised material may present an increased sensitisation risk.
- Spilled material may make floors slippery.
- Combustible material may burn if strongly heated.
- Residual extraction solvent may affect classification where present above relevant limits.
- The substance has not been fully assessed for PBT, vPvB or endocrine-disrupting properties.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Mastic Leaf Absolute is a natural complex substance obtained by solvent extraction of the leaves of *Pistacia lentiscus* L.

Component	CAS number	EC number	Concentration
Pistacia lentiscus leaf extract	90082-82-9	290-174-6	Approximately 100%
Residual extraction solvent	Mixture-dependent	Mixture-dependent	Within supplier specification

3.2 Naturally occurring constituents

The material may contain varying concentrations of:

- α-Pinene
- β-Pinene
- Limonene
- Myrcene
- Sabinene
- Terpinen-4-ol
- α-Terpineol
- β-Caryophyllene
- Germacrene D
- Flavonoids
- Phenolic compounds
- Triterpenes
- Waxes and plant pigments

The precise composition varies naturally according to geographical origin, season, extraction method and storage history.

SECTION 4: FIRST-AID MEASURES

4.1 Description of first-aid measures

Inhalation

- Move the affected person to fresh air.
- Keep at rest in a position comfortable for breathing.
- Obtain medical attention if coughing, dizziness, headache or respiratory irritation persists.

Skin contact

- Remove contaminated clothing and footwear.
- Wash affected skin thoroughly with soap and water.
- Do not use solvents to clean the skin.
- Obtain medical advice if irritation, redness or rash develops.

Eye contact

- Rinse cautiously with clean water for at least 15 minutes.
- Remove contact lenses when present and easy to do.
- Avoid rubbing the eyes.
- Obtain medical advice if irritation persists.

Ingestion

- Rinse the mouth with water.
- Do not induce vomiting.
- Do not give anything orally to an unconscious person.
- Immediately contact a physician or poison-control centre.
- Keep the person at rest because aspiration into the lungs may cause serious injury.

4.2 Most important symptoms and effects

- Skin redness, irritation or allergic reaction
- Eye irritation, tearing and discomfort
- Headache or nausea following excessive vapour exposure
- Gastrointestinal discomfort
- Chemical pneumonitis if aspirated into the lungs

4.3 Indication of immediate medical attention

Treat symptomatically. If swallowed or vomiting occurs, monitor for aspiration into the lungs.

SECTION 5: FIREFIGHTING MEASURES

5.1 Suitable extinguishing media

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

5.2 Unsuitable extinguishing media

Do not use a direct, high-pressure water jet, as this may spread burning material.

5.3 Special hazards arising from the substance

Heating or combustion may produce:

- Carbon monoxide
- Carbon dioxide
- Irritating smoke
- Unidentified organic decomposition products

Formation of hazardous gases is possible during heating or fire.

5.4 Advice for firefighters

- Wear self-contained breathing apparatus.
- Wear full protective clothing.
- Cool exposed containers using water spray.
- Prevent firefighting water from entering drains and waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

- Ensure adequate ventilation.
- Avoid breathing vapours.
- Avoid skin and eye contact.
- Wear gloves, protective clothing and safety goggles.
- Remove unnecessary personnel from the affected area.
- Eliminate ignition sources where applicable.

6.2 Environmental precautions

- Prevent entry into drains, soil and waterways.
- Contain the spill using barriers or absorbent material.
- Notify the relevant authority if significant environmental contamination occurs.

6.3 Methods for containment and cleaning

- Absorb with sand, earth, vermiculite or another inert material.
- Transfer collected waste into a suitable labelled container.
- Clean the affected surface with detergent and water.
- Do not use combustible absorbents such as sawdust.
- Dispose of contaminated material through an authorised waste contractor.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

- Use in a well-ventilated area.
- Avoid contact with skin, eyes and clothing.
- Avoid breathing vapour or mist.
- Wear suitable personal protective equipment.

- Do not eat, drink or smoke while handling.
- Wash hands after use.
- Keep away from heat, sparks and open flames.
- Use clean, dry and compatible dispensing equipment.
- Prevent contamination with water or incompatible materials.

7.2 Conditions for safe storage

- Store in a cool, dry and well-ventilated area.
- Keep the container tightly closed.
- Protect from direct sunlight, heat, moisture and air.
- Recommended storage temperature: 15–25 °C.
- Store preferably in lacquered aluminium, stainless steel, amber glass or another compatible container.
- Keep away from oxidising agents.
- Keep away from food, beverages and animal feed.
- Keep out of reach of children.

7.3 Specific end use

Professional fragrance and cosmetic formulation only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No specific occupational exposure limit has been established for Mastic Leaf Absolute as a complete natural complex substance.

Exposure limits may apply to individual constituents or residual solvents.

8.2 Engineering controls

- Provide adequate general ventilation.
- Use local exhaust ventilation where vapour, mist or aerosol may be generated.
- Provide access to an eyewash station and safety shower.

8.3 Personal protective equipment

Eye and face protection

Wear chemical splash goggles compliant with applicable safety standards.

Hand protection

Wear resistant protective gloves, such as:

- Nitrile rubber
- Neoprene
- Butyl rubber

Inspect gloves before use and replace them if damaged.

Skin protection

Wear suitable protective clothing or a laboratory coat.

Respiratory protection

Normally not required under adequate ventilation. Where ventilation is insufficient, use an approved organic-vapour respirator.

Environmental exposure controls

Prevent uncontrolled discharge into drains, groundwater and surface water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical information
Physical state	Viscous liquid, semi-solid or pourable extract
Colour	Dark green to greenish-brown or brown
Odour	Strong green, herbal, resinous, leathery and balsamic
Odour threshold	Not determined
Melting/freezing point	Not determined
Initial boiling point	Not determined for the natural mixture
Flammability	Combustible; classification depends on measured flash point
Flash point	Typically above 60 °C; batch testing required
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
pH	Not applicable
Kinematic viscosity	Not determined
Solubility in water	Insoluble or practically insoluble
Solubility in alcohol	Soluble or partially soluble
Relative density at 20 °C	Typically 0.900–1.020

Property	Typical information
Vapour pressure	Low
Relative vapour density	Not determined
Partition coefficient	Not determined for the mixture
Explosive properties	Not expected to be explosive
Oxidising properties	Not expected to be oxidising

The above values are representative and must not be treated as a batch-specific quality specification.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reaction is expected under normal storage and handling conditions.

10.2 Chemical stability

Stable when stored in a sealed container under recommended conditions.

10.3 Possibility of hazardous reactions

Oxidation and polymerisation may occur following prolonged exposure to air, heat or light.

10.4 Conditions to avoid

- Excessive heat
- Open flames
- Sparks
- Direct sunlight
- Prolonged exposure to air
- Moisture
- Incompatible storage materials

10.5 Incompatible materials

- Strong oxidising agents
- Strong acids
- Strong alkalis
- Reactive halogen compounds

10.6 Hazardous decomposition products

Thermal decomposition may produce carbon monoxide, carbon dioxide, smoke and irritating organic vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Acute toxicity

Complete toxicological data are not available for the absolute as a whole.

Based on composition, harmful effects may occur following ingestion of significant quantities.

11.2 Skin corrosion/irritation

May cause skin irritation.

11.3 Serious eye damage/irritation

May cause serious eye irritation.

11.4 Respiratory or skin sensitisation

May cause an allergic skin reaction in susceptible individuals.

11.5 Germ-cell mutagenicity

No adequate product-specific data are available.

11.6 Carcinogenicity

No adequate product-specific data are available.

11.7 Reproductive toxicity

No adequate product-specific data are available.

11.8 Specific target-organ toxicity—single exposure

Excessive exposure may cause headache, nausea or respiratory irritation.

11.9 Specific target-organ toxicity—repeated exposure

No adequate product-specific data are available.

11.10 Aspiration hazard

May be fatal if swallowed and enters the respiratory tract.

11.11 Likely routes of exposure

- Skin contact
- Eye contact
- Inhalation
- Accidental ingestion

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Expected to be toxic to aquatic organisms with long-lasting effects.

12.2 Persistence and degradability

Individual naturally occurring constituents may be biodegradable; however, complete product-specific data are unavailable.

12.3 Bioaccumulative potential

Some lipophilic terpene constituents may have bioaccumulative potential.

12.4 Mobility in soil

The material is poorly soluble in water and may adsorb to soil and sediment.

12.5 PBT and vPvB assessment

Not determined for the product as a whole.

12.6 Endocrine-disrupting properties

No product-specific assessment is available.

12.7 Other adverse effects

A surface film may reduce oxygen transfer if released into water.

Avoid all uncontrolled environmental release.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste-treatment methods

- Dispose of unused material through an authorised chemical-waste contractor.
- Do not discharge into drains, surface water or soil.
- Contaminated absorbents should be handled as chemical waste.
- Empty containers may retain hazardous residues.
- Do not reuse empty containers without professional cleaning.
- Disposal must comply with local, national and regional requirements.

SECTION 14: TRANSPORT INFORMATION

Transport classification must be confirmed using the product's measured flash point and batch-specific environmental classification.

Where classified as an environmentally hazardous liquid:

Transport information	Classification
UN number	UN 3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (*Pistacia lentiscus* leaf extract)
Transport hazard class	9
Packing group	III
Environmental hazard	Yes
Marine pollutant	May apply
Tunnel restriction code	E

ADR/RID

UN 3082, Environmentally hazardous substance, liquid, n.o.s., Class 9, Packing Group III.

IMDG

UN 3082, Environmentally hazardous substance, liquid, n.o.s., Class 9, Packing Group III, Marine Pollutant where applicable.

IATA

UN 3082, Environmentally hazardous substance, liquid, n.o.s., Class 9, Packing Group III.

Special provision

Packages of environmentally hazardous substances may qualify for applicable limited-quantity or small-package exemptions, subject to transport regulations.

Where the measured flash point is 60°C or below, a Class 3 flammable-liquid classification may take precedence and must be assigned by the shipper.

SECTION 15: REGULATORY INFORMATION

15.1 Applicable legislation

This Safety Data Sheet has been prepared with reference to:

- Regulation (EC) No. 1907/2006 concerning REACH
- Regulation (EU) 2020/878
- Regulation (EC) No. 1272/2008 concerning classification, labelling and packaging
- Globally Harmonized System of Classification and Labelling of Chemicals
- Applicable ADR, IMDG and IATA transport provisions
- Regulation (EC) No. 1223/2009 where used in cosmetics

15.2 Cosmetic status

The product is intended as a professional fragrance or cosmetic raw material. Inclusion in a cosmetic formulation remains subject to:

- Finished-product safety assessment
- Applicable IFRA Standards
- Fragrance-allergen calculation
- Purity and microbiological requirements
- Local regulatory requirements
- Product-specific concentration limits

15.3 Chemical safety assessment

A product-specific chemical safety assessment has not been carried out by Aromology Trading LLC.

SECTION 16: OTHER INFORMATION

Issue information

Item	Details
Issue date	21 July 2026
Revision number	1.0
Document type	Material Safety Data Sheet
Product	Mastic Leaf Absolute

Full text of hazard statements

- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H411: Toxic to aquatic life with long-lasting effects.

Additional guidance

This material is a natural product and may exhibit variation in colour, odour, viscosity and chemical composition. The final classification should be verified against the actual supplier specification, residual-solvent analysis, flash point and batch-specific GC/MS report.

Disclaimer

The information contained in this Safety Data Sheet is based on currently available information and is believed to be accurate at the date of issue. It is provided solely as guidance for safe handling, storage, transportation and disposal.

This document does not constitute a warranty, certificate of analysis or finished-product safety assessment. Users are responsible for evaluating the material's suitability for their intended application and for complying with all applicable laws and regulations.

Authorised by:

Fozia Khot
Director