



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 Identifier

Product Name: Spearmint Essential Oil

Botanical Name: *Mentha spicata* L.

INCI Name: *Mentha Viridis* (Spearmint) Leaf Oil

CAS Number: 8008-79-5

EC Number: 283-656-2

Product Type: Essential Oil

Extraction Method: Steam Distillation

Recommended Use

Perfumery raw material intended for fragrance creation, cosmetic manufacturing, and aromatics.

Professional use only.

Supplier

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Email: info@aromology.com
Website: www.aromology.com

SECTION 2: Hazard Identification



Classification (GHS)

Based on available information for Spearmint Essential Oil, this product is classified as:

- Flammable Liquid – Category 3
- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Eye Irritation – Category 2A
- Aspiration Hazard – Category 1
- Hazardous to the Aquatic Environment (Chronic) – Category 2

Signal Word

Danger

Hazard Pictograms

- GHS02 – Flame
- GHS07 – Exclamation Mark
- GHS08 – Health Hazard
- GHS09 – Environment

Hazard Statements

- H226 Flammable liquid and vapour.
- 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.

Precautionary Statements

- P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- P261 Avoid breathing vapours.
- 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.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3: Composition / Information on Ingredients

Component	CAS No.	Concentration
Spearmint Essential Oil (<i>Mentha spicata</i>)	8008-79-5	100%

SECTION 4: First Aid Measures

Inhalation

Move the affected person to fresh air.

Keep warm and at rest.

Seek medical advice if symptoms persist.

Skin Contact

Remove contaminated clothing.

Wash thoroughly with soap and water.

Seek medical attention if irritation or sensitisation develops.

Eye Contact

Flush cautiously with water for at least 15 minutes.

Remove contact lenses if present.

Seek medical attention if irritation persists.

Ingestion

Rinse mouth.

Do not induce vomiting.



Immediately seek medical attention due to aspiration hazard.

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

Do not use a direct water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

Protective Equipment

Wear self-contained breathing apparatus and full protective clothing.

SECTION 6: Accidental Release Measures

Wear appropriate personal protective equipment.

Remove ignition sources.

Prevent entry into drains and waterways.

Absorb with sand, vermiculite or other inert absorbent material.

Collect in suitable waste containers.

Wash spill area after clean-up.



SECTION 7: Handling and Storage

Handling

- Avoid contact with skin and eyes.
- Avoid inhalation of vapours.
- Use only with adequate ventilation.
- Observe good industrial hygiene practices.

Storage

Store in tightly closed original containers.

Keep in a cool, dry and well-ventilated location.

Protect from direct sunlight and excessive heat.

Keep away from oxidising agents.

Recommended storage temperature: 15–25 °C

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Provide adequate local exhaust ventilation.

Personal Protective Equipment

Eye Protection

Chemical safety goggles.

Hand Protection

Chemical-resistant nitrile gloves.

Respiratory Protection

Organic vapour respirator where ventilation is inadequate.

Body Protection

Protective laboratory clothing.

SECTION 9: Physical and Chemical Properties

Property	Specification
Appearance	Clear colourless to pale yellow liquid
Odour	Fresh, sweet, minty, herbaceous, characteristic spearmint
Physical State	Liquid
Relative Density (20 °C)	0.920–0.945
Refractive Index (20 °C)	1.4840–1.4910
Optical Rotation	–45° to –60°
Flash Point	52–60 °C
Solubility	Insoluble in water
Solubility in Ethanol	Soluble

SECTION 10: Stability and Reactivity

Reactivity

No hazardous reactions expected under recommended conditions.

Chemical Stability

Stable under normal storage conditions.

Conditions to Avoid

- Heat
- Flames
- Sparks
- Direct sunlight

Incompatible Materials

Strong oxidising agents.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and irritating organic fumes.



SECTION 11: Toxicological Information

Based on available information:

- Causes skin irritation.
 - May cause allergic skin reactions.
 - Causes serious eye irritation.
 - Aspiration hazard if swallowed.
 - No evidence of carcinogenicity or mutagenicity under intended conditions of use.
-

SECTION 12: Ecological Information

Toxic to aquatic organisms with long-lasting effects.

Avoid uncontrolled release into the environment.

Expected to be biodegradable.

SECTION 13: Disposal Considerations

Dispose of contents and containers in accordance with local, regional and national regulations.

Do not discharge into drains or waterways.

SECTION 14: Transport Information

Item	Information
UN Number	UN1169
Proper Shipping Name	Extracts, Aromatic, Liquid
Transport Hazard Class	3
Packing Group	III
Marine Pollutant	Yes

SECTION 15: Regulatory Information



Prepared in accordance with:

- Globally Harmonized System (GHS)
 - REACH Regulation (EC) No. 1907/2006
 - CLP Regulation (EC) No. 1272/2008
-

SECTION 16: Other Information

Spearmint Essential Oil is obtained by steam distillation of the leaves of *Mentha spicata*. It is rich in (R)-carvone, with smaller amounts of limonene and other naturally occurring monoterpenes, giving it its characteristic sweet, minty, herbaceous aroma. It is widely used in fine fragrance, oral care, flavour, cosmetic, and aromatherapy applications. Appropriate industrial hygiene practices and suitable personal protective equipment should be used during handling.

The information contained in this Safety Data Sheet is believed to be accurate at the date of issue and is intended solely as guidance for the safe handling, storage, transport, and use of this material. It does not constitute a warranty regarding product properties or suitability for any particular application.

Prepared By:
Quality & Regulatory Affairs

Authorised By:
Fozia Khot
Director

