



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: Thyme Absolute
Common Name: Thyme Absolute
Botanical Name: *Thymus vulgaris* L.
INCI Name: *Thymus Vulgaris* Flower/Leaf Extract
CAS Number: 8007-46-3
Product Type: Natural Absolute
Extraction Method: Solvent Extraction

Recommended Use

Perfumery raw material intended for fragrance creation, cosmetic manufacture, aromatherapy research and specialty fragrance applications.

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 thyme absolute, this material is classified as:

- Flammable Liquid – Category 3
- Acute Toxicity (Oral) – Category 4
- Aspiration Hazard – Category 1
- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Eye Irritation – Category 2A



- 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.
- H302 Harmful if swallowed.
- 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.
- P261 Avoid breathing vapours or mist.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- 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 according to local regulations.



SECTION 3: Composition / Information on Ingredients

Component	CAS No.	Concentration
Thyme Absolute (<i>Thymus vulgaris</i> L.)	8007-46-3	100%

SECTION 4: First Aid Measures

Inhalation

Move the affected person to fresh air.

Keep warm and at rest.

Seek medical attention if symptoms persist.

Skin Contact

Remove contaminated clothing.

Wash thoroughly with soap and water.

Seek medical advice if irritation or sensitisation develops.

Eye Contact

Immediately rinse cautiously with water for at least 15 minutes.

Remove contact lenses if present.

Seek medical attention if irritation persists.

Ingestion

Rinse mouth thoroughly.

Do not induce vomiting.

Seek immediate medical attention.

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder



- Alcohol-resistant foam
- Water spray

Unsuitable Extinguishing Media

Do not use a direct water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating aromatic fumes

Firefighters should wear self-contained breathing apparatus and full protective clothing.

SECTION 6: Accidental Release Measures

Wear suitable personal protective equipment.

Remove ignition sources.

Prevent release into drains and waterways.

Absorb with inert material such as sand, vermiculite or diatomaceous earth.

Collect into suitable labelled containers.

SECTION 7: Handling and Storage

Handling

- Avoid contact with skin and eyes.
- Avoid inhalation of vapours.
- Use only in well-ventilated areas.
- Follow good industrial hygiene practices.

Storage

Store in tightly closed original containers.

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

Protect from direct sunlight.

Keep away from heat, ignition sources and strong 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	Dark green to dark brown viscous liquid or semi-solid
Odour	Powerful herbal, warm, spicy, phenolic, aromatic
Physical State	Viscous liquid / Semi-solid
Relative Density (20 °C)	0.950–1.020
Refractive Index (20 °C)	1.4900–1.5300
Flash Point	>65 °C
Solubility	Insoluble in water
Solubility in Ethanol	Soluble

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid excessive heat, direct sunlight and strong oxidising agents.

Hazardous decomposition products include carbon monoxide and carbon dioxide.



SECTION 11: Toxicological Information

- Harmful if swallowed.
- May be fatal if swallowed and enters airways.
- Causes skin irritation.
- May cause allergic skin reactions.
- Causes serious eye irritation.
- Naturally contains phenolic constituents including Thymol and Carvacrol, which may contribute to skin sensitisation.

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 according to applicable 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



Thyme Absolute is obtained by solvent extraction of the flowering aerial parts of *Thymus vulgaris*. It possesses an intense herbal, aromatic, warm, spicy and phenolic fragrance profile and is widely used in fine fragrance, fougère, herbal, leather and aromatic accords. Its rich composition provides excellent depth, natural complexity and fixative properties in fragrance formulations.

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 performance or suitability for any particular application.

Authorised By:
Fozia Khot
Director

