



SAFETY DATA SHEET (SDS)

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

Product Name: Wild Thyme Essential Oil
Alternative Name: Thyme Borneol Essential Oil
Botanical Name: *Thymus saturejoides* Coss.
INCI Name: THYMUS SATUREJOIDES OIL
CAS Number: 84929-51-1
Issue Date: 09/07/2025
Expiry Date: 09/07/2028

SECTION 1: Identification

1.1 Product identifier

Product name: Wild Thyme Essential Oil
Botanical name: *Thymus saturejoides* Coss.
INCI name: THYMUS SATUREJOIDES OIL
CAS number: 84929-51-1
Product type: Natural complex substance
Natural content: 100%
Country of origin: Morocco

1.2 Relevant identified uses

- Perfumery ingredient
- Cosmetic fragrance ingredient
- Aromatic raw material
- Industrial and professional use

1.3 Supplier details

Supplier: Aromology
Address: G05 Al Ghazal Building, Nadd Al Hamar, Dubai, United Arab Emirates
Email: info@aromology.com
Website: www.aromology.com

1.4 Emergency contact

Contact the appropriate national poison centre or local emergency service.

SECTION 2: Hazards Identification

2.1 Classification

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



- Flammable Liquid, Category 3
- Skin Irritation, Category 2
- Skin Sensitisation, Category 1
- Serious Eye Irritation, Category 2
- Aspiration Hazard, Category 1
- Reproductive Toxicity, Category 2
- Hazardous to the Aquatic Environment, Acute Category 2
- Hazardous to the Aquatic Environment, Chronic Category 2

2.2 Label elements

Signal word: Danger

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.
- H361: Suspected of damaging fertility or the unborn child.
- H401: Toxic to aquatic life.
- H411: Toxic to aquatic life with long-lasting effects.

Precautionary statements:

- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260: Do not breathe vapours or spray.
- P264: Wash thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- 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 or face protection.
- P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
- P303+P361+P353: IF ON SKIN OR HAIR: Remove contaminated clothing immediately. Rinse skin with water or shower.
- P304+P340: IF INHALED: Remove the person to fresh air and keep comfortable for breathing.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses where possible and continue rinsing.
- P330: Rinse mouth.
- P331: Do not induce vomiting.
- P333+P313: If skin irritation or rash occurs, obtain medical advice.
- P363: Wash contaminated clothing before reuse.
- P391: Collect spillage.
- P405: Store locked up.



- P501: Dispose of contents and container in accordance with applicable regulations.

2.3 Other hazards

No product-specific PBT or vPvB assessment is available.

SECTION 3: Composition and Information on Ingredients

3.1 Substance

Nature: Complex natural substance consisting of 100% natural Wild Thyme Essential Oil.

Component	CAS Number	Reported Concentration
Borneol	507-70-0	25.00–35.00%
Alpha-Terpineol	98-55-5	8.00–15.00%
Carvacrol	499-75-2	≤12.00%
Camphene	79-92-5	≤12.00%
Limonene	5989-27-5	<5.00%
p-Cymene	99-87-6	<5.00%
Gamma-Terpinene	99-85-4	<4.00%
Camphor	76-22-2	<3.00%
Linalool	78-70-6	<1.50%
Citral	5392-40-5	<0.05%
Eugenol	97-53-0	<0.05%

Added carrier: None

Added diluent: None

Added preservative: None

Added antioxidant: None

SECTION 4: First-Aid Measures

4.1 Description of first-aid measures

General:

Seek medical advice if symptoms persist. Never give anything by mouth to an unconscious person.

Inhalation:

Move the affected person to fresh air. Keep warm and at rest. Obtain medical attention if symptoms persist or worsen.

Skin contact:

Remove contaminated clothing. Wash thoroughly with soap and water. Obtain medical attention if irritation or a rash develops.

**Eye contact:**

Rinse cautiously with clean water for several minutes. Remove contact lenses where possible. Continue rinsing and obtain medical attention if irritation persists.

Ingestion:

Rinse the mouth. Do not induce vomiting. Keep the person at rest and obtain immediate medical attention because of the aspiration hazard.

4.2 Important symptoms and effects

- Skin irritation
- Allergic skin reaction
- Serious eye irritation
- Aspiration into the lungs may cause serious injury

4.3 Immediate medical treatment

Treat symptomatically. Aspiration into the lungs may cause chemical pneumonitis.

SECTION 5: Firefighting Measures**5.1 Suitable extinguishing media**

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Sand or earth for a small fire

Unsuitable extinguishing medium: Direct water jet.

5.2 Special hazards

The product is flammable. Fire may produce irritating or toxic fumes. Essential oils may float on water, potentially spreading the fire.

5.3 Firefighter protection

Wear appropriate protective equipment and self-contained breathing apparatus. Avoid inhaling combustion fumes.

SECTION 6: Accidental Release Measures**6.1 Personal precautions**

- Remove ignition sources.
- Do not smoke.
- Ensure adequate ventilation.
- Wear suitable gloves and eye protection.
- Avoid skin and eye contact.



6.2 Environmental precautions

Do not allow the material to enter drains, surface water, groundwater or soil.

6.3 Cleaning methods

Contain large spills with sand or another inert absorbent material. Collect in a suitable waste container and dispose of in accordance with applicable regulations.

6.4 References

See Sections 7, 8 and 13.

SECTION 7: Handling and Storage

7.1 Safe handling

- Keep away from heat and ignition sources.
- Do not smoke.
- Avoid breathing vapours.
- Avoid contact with skin and eyes.
- Wear appropriate protective equipment.
- Do not heat over an open flame.
- Keep processing temperatures as low as reasonably practicable.

7.2 Storage

Store:

- In the original tightly closed container;
- At a temperature between 15 °C and 25 °C;
- Protected from air and light;
- Away from food and drink;
- In a cool, dry and well-ventilated area; and
- Away from heat, sparks and flames.

Do not reuse empty packaging.

7.3 Specific end use

Perfumery and cosmetic fragrance applications subject to appropriate safety and IFRA assessment.

SECTION 8: Exposure Controls and Personal Protection

8.1 Exposure limits

No specific occupational exposure limit has been established for the complete product.

8.2 Protective equipment

Eye protection: Safety glasses or chemical splash goggles.

Hand protection: Impervious gloves resistant to essential oils, such as nitrile or polyvinyl alcohol gloves.



Body protection: Suitable protective clothing.

Respiratory protection: Normally unnecessary in a well-ventilated area. Use suitable respiratory protection where ventilation is inadequate.

Hygiene measures:

- Wash hands after handling.
- Remove contaminated clothing.
- Do not eat, drink or smoke while handling.
- Keep away from food and beverages.

SECTION 9: Physical and Chemical Properties

Property	Specification
Physical state	Mobile liquid; may crystallise or precipitate below approximately 30 °C
Colour	Yellow to brownish-red
Odour	Agrestic, aromatic, strong and spicy
pH	Not determined/not applicable
Boiling point	Not determined
Melting point	Not determined
Flash point	Approximately 57 °C
Relative density	0.925–0.948
Water solubility	Insoluble
Ethanol solubility	Soluble
Vapour pressure	Not determined
Vapour density	Not determined
Partition coefficient	Not determined
Viscosity	Not determined
Auto-ignition temperature	Not determined
Evaporation rate	Not determined
Explosive properties	No explosion risk under normal ambient conditions

SECTION 10: Stability and Reactivity

10.1 Reactivity

No hazardous reactivity is expected under normal conditions.

10.2 Stability

Stable when stored in the original closed container under the recommended conditions.

10.3 Hazardous reactions

No dangerous reactions are known under normal use.



10.4 Conditions to avoid

- Heat
- Flames
- Sparks
- Direct sunlight
- Air exposure
- Significant temperature fluctuations

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Fire may produce carbon monoxide, carbon dioxide and irritating or toxic fumes.

SECTION 11: Toxicological Information

Potential toxicological effects include:

- Harmful effects following ingestion;
- Aspiration hazard if swallowed;
- Skin irritation;
- Allergic skin reaction;
- Serious eye irritation or damage;
- Possible reproductive toxicity based on constituent classification; and
- Possible respiratory irritation following excessive vapour exposure.

No comprehensive toxicological assessment of the complete natural complex substance is available.

SECTION 12: Ecological Information

12.1 Toxicity

Toxic to aquatic organisms with long-lasting effects.

12.2 Persistence and degradability

No complete product-specific data are available.

12.3 Bioaccumulative potential

No complete product-specific data are available.

12.4 Mobility in soil

Expected to have low mobility in soil.

12.5 PBT and vPvB assessment

No complete assessment has been conducted.



12.6 Endocrine-disrupting properties

No complete product-specific assessment is available.

12.7 Other effects

Avoid release to the environment.

SECTION 13: Disposal Considerations

Do not discharge into drains, watercourses or soil.

Dispose of the material and packaging through an authorised waste contractor in accordance with applicable local and national regulations.

Empty containers completely and retain the product label.

SECTION 14: Transport Information

Transport Information	Classification
UN number	UN 1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S. (THYMUS SATUREJOIDES OIL)
ADR/RID class	3
IMDG class	3
IATA class	3
Packing group	III
Tunnel code	D/E
Marine pollutant	Yes

SECTION 15: Regulatory Information

This SDS has been prepared with reference to:

- Regulation (EC) No. 1907/2006;
- Regulation (EU) 2020/878;
- Regulation (EC) No. 1272/2008;
- Applicable IFRA/IOFI labelling guidance; and
- Applicable transport regulations.

The user remains responsible for compliance with all regulations governing the intended application.

SECTION 16: Other Information

Hazard statements



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