ALTRAFLORA NATURAL EXTRACTS

SAFETY DATA SHEET

Revision Date: 18.10.2026 | Version: 1.4

1. Identification of the Substance/Mixture and of the Company

1.1 Product Identifier

Product Name:	Lavender Essential Oil (<0.3% camphor)
Item Code:	AF-LANG1DST
CAS No.:	Not applicable (mixture)
EC No.:	Not applicable (mixture)
INCI Name:	Lavandula Angustifolia (Lavender) Oil

1.2 Relevant Identified Uses

Identified Uses: Fragrance and flavouring ingredient for food, beverage, confectionery, cosmetic, household and candle applications. For industrial and professional formulation use only.

Uses Advised Against: Not for undiluted application to skin or mucous membranes. Not for injection, for nebuliser inhalation, or for administration to infants and young children. Keep out of reach of children.

1.3 Supplier Details

Company:	ALTRAFLORA DOĞAL BİTKİ ÜRÜNLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
Address:	Zafer Mah. 1033/2 Sk. No: 16/A, Merkezefendi / Denizli, 20020, Türkiye
Phone:	+90 538 051 7405
Email:	info@altraflora.com

1.4 Emergency Contact: +90 538 051 7405 (24h)

2. Hazards Identification

2.1 Classification

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

- Skin Irrit. 2 — H315: Causes skin irritation.
- Skin Sens. 1 — H317: May cause an allergic skin reaction.
- Eye Irrit. 2 — H319: Causes serious eye irritation.
- Aquatic Chronic 3 — H412: Harmful to aquatic life with long lasting effects.

2.2 Label Elements

Signal Word: Warning. Hazard pictogram: GHS07 (Exclamation mark). Hazard statements: H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects. Precautionary statements: P273 Avoid release to the environment. P280 Wear protective gloves/eye protection. 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. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501 Dispose of contents/container in accordance with local/national regulations. Contains: linalool, β-caryophyllene, 1,8-cineole, limonene.

2.3 Other Hazards

PBT/vPvB Assessment: Does not meet criteria for PBT or vPvB under REACH.

3. Composition/Information on Ingredients

3.1 Substance/Mixture

Botanical Name: Lavandula angustifolia Mill.

Plant Part: Flowering tops

Extraction Method: Steam distillation of fresh flowering tops

Origin: Türkiye

Key Active Compounds:

Compound	Content
Linalool (CAS 78-70-6, EC 201-134-4; Skin Irrit. 2 H315, Skin Sens. 1B H317, Eye Irrit. 2 H319)	Present
Linalyl acetate (CAS 115-95-7, EC 204-116-4; Skin Irrit. 2 H315, Eye Irrit. 2 H319)	Present
Terpinen-4-ol (CAS 562-74-3, EC 209-235-5; Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Irrit. 2 H319)	Present
Limonene (CAS 138-86-3, EC 205-341-0; Flam. Liq. 3 H226, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Acute 1 H400, Aquatic Chronic 1 H410)	Present
β-Caryophyllene (CAS 87-44-5, EC 201-746-1; Asp. Tox. 1 H304, Skin Sens. 1 H317)	Present
1,8-Cineole (CAS 470-82-6, EC 207-431-5; Flam. Liq. 3 H226, Skin Sens. 1 H317)	Present

4. First Aid Measures

General Advice If medical advice is needed, have the product container or label at hand. Move the person out of the exposure area and take off contaminated clothing.

Inhalation Move to fresh air. Seek medical attention if symptoms persist.

Skin Contact Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap and water. If skin irritation or rash occurs, get medical advice.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice.

Ingestion Rinse mouth with water. Do not give anything by mouth to an unconscious person. If the person feels unwell, get medical advice.

Most Important Symptoms Skin redness and irritation; allergic skin reaction (itching, rash); eye redness, watering and irritation.

Notes to Physician Treat symptomatically.

5. Firefighting Measures

Suitable Extinguishing Media	Foam, carbon dioxide (CO_2), dry chemical powder, water spray.
Unsuitable Extinguishing Media	Water jet (may spread fire).
Special Hazards	Flash point: 68 °C (closed cup, typical value). Combustion produces carbon oxides.

6. Accidental Release Measures

Personal Precautions	Avoid contact with skin and eyes. Use protective equipment. Caution: spilled product may create slippery surfaces.
Environmental Precautions	Prevent entry into drains, waterways, and soil. Expected to be biodegradable.
Containment and Cleanup	Absorb with inert absorbent material, sand, or earth. Dispose according to local regulations.

7. Handling and Storage

7.1 Precautions for Safe Handling

Avoid contact with skin and eyes. Wash hands thoroughly after handling. Keep away from heat and ignition sources. Avoid spills. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment; prevent entry into drains, waterways and soil.

7.2 Conditions for Safe Storage

Storage Temperature	Store at 15–25 °C. Protect from heat and sunlight.
Packaging Materials	Dark glass, stainless steel, food-grade HDPE.
Shelf Life	24 months when stored properly

8. Exposure Controls/Personal Protection

8.1 Control Parameters: No occupational exposure limits established.

Engineering Controls	Ensure adequate ventilation.
Eye/Face Protection	Wear safety glasses with side shields (EN 166).
Hand Protection	Wear protective gloves (e.g. nitrile rubber, EN ISO 374-1).
Environmental Exposure Controls	Avoid release to the environment. Do not discharge the product, rinse water or cleaning water into drains, surface water or soil; collect spills and wastes for disposal (see Sections 6 and 13). Comply with the applicable environmental protection legislation.

9. Physical and Chemical Properties

Appearance	Clear, colourless to pale-yellow mobile liquid
Odor	Characteristic fresh floral, herbaceous
pH	Not applicable
Flash Point	68 °C (closed cup, typical value)
Density	0.85–0.95 g/cm³ at 20 °C (typical)
Solubility (Water)	Insoluble in water; miscible with fixed oils, soluble in ethanol
Viscosity	Low-viscosity mobile liquid
Solvent Residues	None. No solvent is used in manufacture.

10. Stability and Reactivity

Chemical Stability	Stable under recommended storage conditions. May oxidize upon exposure to air and light.
Conditions to Avoid	High temperatures, prolonged exposure to air and light, ignition sources.
Incompatible Materials	Strong oxidizers, concentrated acids, strong bases.

11. Toxicological Information

Acute Oral Toxicity	Not classified for acute oral toxicity.
Skin Irritation	Causes skin irritation (Skin Irrit. 2, H315).
Eye Irritation	Causes serious eye irritation (H319) upon direct contact.
Sensitization	May cause an allergic skin reaction (Skin Sens. 1, H317).
Carcinogenicity	Not classified for carcinogenicity. Contains β-myrcene (IARC Group 2B).

12. Ecological Information

Toxicity	Harmful to aquatic life with long lasting effects (H412).
Biodegradability	Expected to be readily biodegradable.
Bioaccumulation	No significant bioaccumulation expected.

13. Disposal Considerations

Product Disposal	Dispose according to local regulations. Do not pour into drains.
Waste Code (EU)	EWC 16 03 05* — organic wastes containing hazardous substances

14. Transport Information

Not classified as dangerous goods for transport (ADR/RID/IMDG/IATA).

UN Number	Not regulated
Transport Hazard Class	Not regulated
Environmental Hazards	Environmentally hazardous: No (ADR/RID/IATA); Marine pollutant: No (IMDG)

15. Regulatory Information

EU Legislation: REACH – Compliant | CLP – Classified; see Section 2 | Cosmetics Regulation (EC) No 1223/2009 – Compliant where applicable

US Legislation: FDA – Compliant for intended use | TSCA – Listed where applicable

Contains fragrance allergens listed in Annex III to Regulation (EC) No 1223/2009. Declare on cosmetic labels above 0.001 % in leave-on and 0.01 % in rinse-off products.

16. Other Information

Product Specifications

Botanical Source	Lavandula angustifolia Mill.
Plant Part Used	Flowering tops
Extraction Method	Steam distillation of fresh flowering tops
Country of Origin	Türkiye
Shelf Life	24 months
Storage	Store at 15–25 °C, protect from light

Revision Information: Revision Date: 18.10.2026 | Version: 1.4 | Changes from the previous version: Sections 2, 3, 7, 8 and 11.

Literature References: IFRA Standards, 51st Amendment; ISO 3515:2002 Oil of lavender; ECHA C&L Inventory.

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of publication. It is intended as guidance for safe handling, use, storage, transport, and disposal and should not be considered a warranty or quality specification.

End of Safety Data Sheet