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:	Damask Rose Absolute (74–84% phenylethyl alcohol)
Item Code:	AF-RODA1ABS
CAS No.:	Not applicable (mixture)
EC No.:	Not applicable (mixture)
INCI Name:	Rosa Damascena Flower Extract

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):

- Acute Tox. 4 — H302: Harmful if swallowed.
- Skin Irrit. 2 — H315: Causes skin irritation.
- Skin Sens. 1 — H317: May cause an allergic skin reaction.
- Eye Dam. 1 — H318: Causes serious eye damage.

2.2 Label Elements

Signal Word: Danger. Hazard pictograms: GHS05 (Corrosion), GHS07 (Exclamation mark). Hazard statements: H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. Precautionary statements: P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/eye protection. P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. P330 Rinse mouth. 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. P310 Immediately call a POISON CENTER or doctor. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501 Dispose of contents/container in accordance with local/national regulations. Contains: 2-phenylethanol, citronellol, geraniol, nerol, eugenol. Not more than 13 % of the mixture consists of component(s) of unknown acute toxicity.

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: Rosa × damascena Mill.

Plant Part: Flower petals

Extraction Method: Solvent extraction (absolute) of fresh flower petals

Origin: Türkiye

Key Active Compounds:

Compound	Content
2-Phenylethanol (CAS 60-12-8, EC 200-456-2; Acute Tox. 4 H302, Eye Irrit. 2 H319)	Present
Citronellol (CAS 106-22-9, EC 203-375-0; Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Irrit. 2 H319)	Present
Geraniol (CAS 106-24-1, EC 203-377-1; Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Dam. 1 H318)	Present
Eugenol (CAS 97-53-0, EC 202-589-1; Skin Sens. 1 H317, Eye Irrit. 2 H319)	Present
Nerol (CAS 106-25-2, EC 203-378-7; Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Dam. 1 H318)	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 Immediately rinse cautiously with water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Ingestion Rinse mouth with water. Do not induce vomiting. Call a POISON CENTER or doctor if the person feels unwell or if irritation of the mouth or throat persists.

Most Important Symptoms Nausea, vomiting and abdominal discomfort if swallowed; skin redness and irritation; allergic skin reaction (itching, rash); serious eye damage (pain, redness, impaired vision).

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: > 100 °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. Do not eat, drink or smoke in work areas. Contaminated work clothing should not be allowed out of the workplace.

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 tightly fitting safety goggles or a face shield (EN 166).
Hand Protection	Wear protective gloves (e.g. nitrile rubber, EN ISO 374-1).

9. Physical and Chemical Properties

Appearance	Viscous amber to orange-red liquid
Odor	Deep rosy, honeyed, waxy-floral
pH	Not applicable
Flash Point	> 100 °C (closed cup, typical value)
Density	1.0 g/cm³ at 20 °C
Solubility (Water)	Insoluble in water; miscible with fixed oils, soluble in ethanol
Viscosity	Viscous liquid
Solvent Residues	Absolute obtained by solvent extraction; trace residual solvent may be present.

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	Harmful if swallowed (Acute Tox. 4, H302). Basis (CLP calculation method): ATEmix between 470 and 541 mg/kg bw, calculated from the 2-phenylethanol content (74–84 %) and its lowest reported oral LD50 (guinea pig, 400 mg/kg; HSDB), including the CLP Annex I 3.1.3.6.2.3 correction for ingredients of unknown acute toxicity.
Skin Irritation	Causes skin irritation (Skin Irrit. 2, H315).
Eye Irritation	Causes serious eye damage (H318) upon direct contact.
Sensitization	May cause an allergic skin reaction (Skin Sens. 1, H317).
Carcinogenicity	Not classified for carcinogenicity. Contains naturally occurring methyleugenol (IARC Group 2A; listed in the NTP Report on Carcinogens); see Section 15.

12. Ecological Information

Toxicity	Not classified as hazardous to the aquatic environment.
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. Naturally contains methyleugenol, controlled to ≤ 0.20 %; observe the limits applicable to flavourings.

16. Other Information

Product Specifications

Botanical Source	Rosa × damascena Mill.
Plant Part Used	Flower petals
Extraction Method	Solvent extraction (absolute) of fresh flower petals
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, 4, 7, 8 and 11.

Literature References: IFRA Standards, 51st Amendment; EFSA opinion on methyleugenol; 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