



## SAFETY DATA SHEET (SDS)

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

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### SECTION 1: Identification

| Parameter         | Details                                                      |
|-------------------|--------------------------------------------------------------|
| Product Name      | Premium Rose Absolute                                        |
| Botanical Name    | <i>Rosa damascena</i> Mill.                                  |
| INCI Name         | Rosa Damascena Flower Extract                                |
| Plant Part        | Flowers                                                      |
| Extraction Method | Solvent extraction (Concrete followed by Ethanol Extraction) |
| Product Type      | Natural Absolute                                             |
| Country of Origin | Turkey                                                       |
| CAS Number        | 8007-01-0                                                    |
| EC Number         | 290-260-3                                                    |
| FEMA Number       | 2988                                                         |
| Physical Form     | Viscous liquid to semi-solid                                 |

The material is obtained by solvent extraction of *Rosa damascena* flowers and is registered under CAS 8007-01-0 / 90106-38-0 with INCI name Rosa Damascena Flower Extract.

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### 1.2 Relevant Identified Uses

- Professional perfumery
- Cosmetic manufacture
- Toiletries
- Fine fragrance
- Home fragrance
- Soap manufacture
- Incense manufacture

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### 1.3 Uses Advised Against

- Internal consumption
  - Undiluted skin application
  - Pharmaceutical use unless specifically authorised
  - Food use unless specifically approved
  - Use by children
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## 1.4 Supplier

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## 1.5 Emergency Telephone

Contact the nearest poison centre or emergency medical service.

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## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification (Regulation (EC) No. 1272/2008)

Representative supplier SDS data indicate the following hazards for Rose Absolute (Turkey):

| Hazard Class                          | Category | Hazard Statement                                         |
|---------------------------------------|----------|----------------------------------------------------------|
| Flammable Liquid / Combustible Liquid | 4        | H227 Combustible liquid                                  |
| Skin Irritation                       | 2        | H315 Causes skin irritation                              |
| Serious Eye Damage                    | 1        | H318 Causes serious eye damage                           |
| Skin Sensitisation                    | 1        | H317 May cause an allergic skin reaction                 |
| Carcinogenicity*                      | 2        | H351 Suspected of causing cancer                         |
| Reproductive Toxicity*                | 2        | H361 Suspected of damaging fertility or the unborn child |

\*Classification is representative of certain supplier SDSs due to naturally occurring methyl eugenol. Users should always verify the original batch-specific SDS.

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### 2.2 Label Elements

#### Signal Word

Danger

#### Hazard Statements



- H227 Combustible liquid.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H351 Suspected of causing cancer.
- H361 Suspected of damaging fertility or the unborn child.

### Precautionary Statements

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read.
- P261 Avoid breathing vapours.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing and 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.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local regulations.

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### 2.3 Other Hazards

- May crystallise at low temperatures.
- Warm gently (approximately 35–40 °C) before use if crystallisation occurs.
- Natural botanical material with batch-dependent composition.
- Not expected to meet PBT or vPvB criteria.

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## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substance

| Component                     | CAS Number | EC Number | Content |
|-------------------------------|------------|-----------|---------|
| Rosa Damascena Flower Extract | 8007-01-0  | 290-260-3 | 100%    |

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### 3.2 Representative Naturally Occurring Constituents

- Phenethyl Alcohol
- Citronellol
- Geraniol
- Nerol
- Eugenol
- Farnesol
- Linalool



- Nonadecane
- Heptadecane
- Methyl Eugenol (naturally occurring)
- Damascenones (trace)

Natural composition varies with harvest season and geographical origin.

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## **SECTION 4: FIRST-AID MEASURES**

### **4.1 Description of First-Aid Measures**

#### **Inhalation**

Move to fresh air. Seek medical advice if symptoms persist.

#### **Skin Contact**

Wash immediately with soap and water. Remove contaminated clothing.

#### **Eye Contact**

Flush cautiously with water for at least 15 minutes. Obtain immediate medical attention.

#### **Ingestion**

Rinse mouth.

Do **not** induce vomiting.

Seek immediate medical advice.

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### **4.2 Most Important Symptoms**

- Skin irritation
  - Allergic skin reaction
  - Serious eye injury
  - Gastrointestinal discomfort
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### **4.3 Medical Advice**

Treat symptomatically.

## **SECTION 5: FIRE-FIGHTING MEASURES**

### **Suitable Extinguishing Media**

- Dry chemical
- Carbon dioxide
- Alcohol-resistant foam
- Water fog

### **Unsuitable Media**

High-pressure water jet.

### **Hazardous Combustion Products**

- Carbon monoxide
- Carbon dioxide
- Irritating smoke
- Organic decomposition products

### **Firefighter Protection**

Self-contained breathing apparatus and full protective clothing.

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## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

- Ensure adequate ventilation.
  - Prevent release into drains.
  - Absorb using inert absorbent.
  - Transfer to suitable containers.
  - Wash contaminated surfaces using detergent.
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## **SECTION 7: HANDLING AND STORAGE**

### **Handling**

- Avoid skin and eye contact.
- Avoid breathing vapours.
- Wear appropriate PPE.
- Handle using good industrial hygiene.



## Storage

Store:

- Between 15 °C and 25 °C
- In tightly closed containers
- Protected from air and light
- Away from heat and ignition sources
- Away from oxidising materials

If crystallisation occurs, gently warm to approximately 40 °C before use.

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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering Controls

Adequate local ventilation.

### Eye Protection

Chemical safety goggles.

### Hand Protection

Chemical-resistant nitrile gloves.

### Respiratory Protection

Organic vapour respirator where necessary.

### Body Protection

Protective clothing.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| Property                 | Typical Value                        |
|--------------------------|--------------------------------------|
| Appearance               | Viscous liquid to semi-solid         |
| Colour                   | Orange to reddish-brown              |
| Odour                    | Rich, sweet, floral, honey-like rose |
| Relative Density (20 °C) | 0.960–1.010                          |
| Refractive Index (20 °C) | 1.495–1.525                          |
| Flash Point              | Approximately 70 °C                  |
| Solubility               | Insoluble in water                   |
| Solubility in Ethanol    | Soluble after warming if necessary   |



Representative physical characteristics correspond with published Turkish Rose Absolute technical data.

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## **SECTION 10: STABILITY AND REACTIVITY**

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames
- Strong acids
- Strong alkalis

Thermal decomposition may produce carbon oxides and irritating organic vapours.

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## **SECTION 11: TOXICOLOGICAL INFORMATION**

Representative information indicates:

- Skin irritation possible.
- Serious eye damage.
- Skin sensitisation may occur.
- Naturally occurring methyl eugenol may contribute to additional hazard classifications depending on concentration.
- Individual sensitivity may vary.

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## **SECTION 12: ECOLOGICAL INFORMATION**

- Avoid uncontrolled environmental release.
- Toxicity to aquatic organisms cannot be excluded.
- Insoluble in water.
- Natural botanical constituents may persist in soil.

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## **SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose through an authorised waste contractor.

Prevent entry into drains and waterways.

Dispose of contaminated packaging according to local regulations.

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## **SECTION 14: TRANSPORT INFORMATION**

Transport classification should always follow the original producer's batch-specific SDS.



| Item                 | Status                |
|----------------------|-----------------------|
| UN Number            | Refer to supplier SDS |
| Proper Shipping Name | Refer to supplier SDS |
| Transport Class      | Batch dependent       |
| Packing Group        | Batch dependent       |

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## SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- REACH Regulation (EC) No. 1907/2006
- Regulation (EU) 2020/878
- CLP Regulation (EC) No. 1272/2008
- Cosmetic Regulation (EC) No. 1223/2009

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## SECTION 16: OTHER INFORMATION

### Document Information

| Item    | Details                        |
|---------|--------------------------------|
| Version | 1.0                            |
| Product | Premium Rose Absolute (Turkey) |

### Disclaimer

This MSDS has been prepared using representative published technical and safety information for Turkish Rose Absolute (*Rosa damascena*). As this is a natural botanical extract, composition and hazard classification may vary between batches depending on origin, harvest and naturally occurring constituents such as methyl eugenol. The original manufacturer's batch-specific Safety Data Sheet shall always take precedence.

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### AUTHORISED BY

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