



## 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 Basil Essential Oil       |
| Botanical Name    | <i>Ocimum basilicum</i> L.        |
| INCI Name         | Ocimum Basilicum (Basil) Oil      |
| Plant Part        | Leaves and Flowering Aerial Parts |
| Extraction Method | Steam Distillation                |
| Product Type      | 100% Pure Natural Essential Oil   |
| Country of Origin | Egypt                             |
| CAS Number        | 8015-73-4 (TSCA)                  |
| EC Number         | 283-900-8                         |
| FEMA No.          | 2119                              |
| Physical State    | Liquid                            |

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#### 1.2 Relevant Identified Uses

- Professional perfumery
- Cosmetic ingredient
- Aromatherapy
- Home fragrance
- Soap manufacture

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#### 1.3 Uses Advised Against

- Internal consumption
- Pharmaceutical use unless authorised
- Undiluted skin application

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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 (CLP)

Based on the published safety data for Egyptian Basil Essential Oil, the material is classified as:

| Hazard Class             | Category | Hazard Statement |
|--------------------------|----------|------------------|
| Skin Irritation          | 2        | H315             |
| Eye Irritation           | 2        | H319             |
| Skin Sensitisation       | 1        | H317             |
| Aspiration Hazard        | 1        | H304             |
| Aquatic Chronic Toxicity | 2        | H411             |

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### 2.2 Label Elements

Signal Word: Danger

#### Hazard Statements

- 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

- P261 Avoid breathing vapours.
  - P273 Avoid release to the environment.
  - P280 Wear protective gloves and eye protection.
  - P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE.
  - 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.
  - P501 Dispose of contents/container according to local regulations.
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### 2.3 Other Hazards



Contains naturally occurring constituents including:

- Linalool
- Eugenol
- Methyl Chavicol (Estragole)
- 1,8-Cineole

Natural composition varies between harvests.

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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| Component                    | Typical Content |
|------------------------------|-----------------|
| Linalool                     | 45–65%          |
| Eugenol                      | 4–20%           |
| 1,8-Cineole                  | 1–10%           |
| Methyl Chavicol (Estragole)  | 0.2–10%         |
| Naturally occurring terpenes | Balance         |

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### SECTION 4: FIRST AID MEASURES

#### Inhalation

Move to fresh air. Obtain medical attention if symptoms persist.

#### Skin Contact

Wash with soap and water. Remove contaminated clothing.

#### Eye Contact

Flush cautiously with water for at least 15 minutes.

#### Ingestion

Do not induce vomiting.

Immediately seek medical attention.

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

### **Suitable Extinguishing Media**

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

### **Unsuitable Media**

Direct water jet.

### **Hazardous Combustion Products**

- Carbon monoxide
  - Carbon dioxide
  - Irritating organic vapours
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## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

- Avoid release into drains.
  - Absorb with inert material.
  - Collect in suitable disposal containers.
  - Ventilate contaminated area.
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## **SECTION 7: HANDLING AND STORAGE**

### **Handling**

- Avoid skin and eye contact.
- Use in well-ventilated areas.
- Avoid breathing vapours.

### **Storage**

Store:

- Between 5–25 °C
- In tightly closed containers
- Away from sunlight
- Away from oxidising agents



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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

| Protection             | Recommendation                                            |
|------------------------|-----------------------------------------------------------|
| Eye Protection         | Safety goggles                                            |
| Hand Protection        | Nitrile gloves                                            |
| Skin Protection        | Protective clothing                                       |
| Respiratory Protection | Organic vapour respirator where ventilation is inadequate |

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| Property                 | Typical Value                          |
|--------------------------|----------------------------------------|
| Appearance               | Pale yellow to amber yellow liquid     |
| Odour                    | Fresh, herbaceous, sweet, spicy, green |
| Relative Density (20 °C) | 0.892–0.920                            |
| Refractive Index (20 °C) | 1.475–1.495                            |
| Optical Rotation         | -14° to -2°                            |
| Flash Point              | 72–80 °C                               |
| Solubility               | Insoluble in water; soluble in ethanol |

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## SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
  - Strong oxidising agents
  - Open flames
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## SECTION 11: TOXICOLOGICAL INFORMATION

May cause:

- Skin irritation
- Eye irritation
- Allergic skin reactions



- Aspiration hazard if swallowed

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## SECTION 12: ECOLOGICAL INFORMATION

- Toxic to aquatic organisms with long-lasting effects.
- Prevent environmental release.
- Biodegradable under normal environmental conditions.

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## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and packaging in accordance with local environmental regulations.

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## SECTION 14: TRANSPORT INFORMATION

| Parameter            | Information                                                              |
|----------------------|--------------------------------------------------------------------------|
| UN Number            | UN3082                                                                   |
| Proper Shipping Name | Environmentally Hazardous Substance, Liquid, N.O.S. (Contains Basil Oil) |
| Hazard Class         | 9                                                                        |
| Packing Group        | III                                                                      |

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## SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EU) 2020/878
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EC) No. 1223/2009 (Cosmetics)
- Current IFRA Standards

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## SECTION 16: OTHER INFORMATION

### Shelf Life

24 months under recommended storage conditions.

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## DISCLAIMER

This Safety Data Sheet applies to Premium Basil Essential Oil, a natural essential oil obtained by steam distillation of the aerial parts of *Ocimum basilicum* L. As a natural botanical product, the chemical composition, colour and odour may vary slightly between production batches depending on origin, harvest season and climatic conditions. Batch-specific analytical data supplied by the original producer shall take precedence where available.

This material is intended exclusively for professional perfumery and cosmetic manufacture. It is not intended for internal consumption and should be stored securely away from children.

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## AUTHORISED BY

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