



## 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

**Product Name:** Wild Opoponax Essential Oil

**Alternative Names:** Sweet Myrrh Oil, Opoponax Oil

**Botanical Name:** *Commiphora erythraea* var. *glabrescens* Engl.

**INCI Name:** Commiphora Erythraea Resin Oil

**CAS Number:** 8021-36-1

**EC Number:** 297-649-7

**Product Type:** Natural Essential Oil

**Plant Part:** Oleo Gum Resin

**Extraction Method:** Steam Distillation

**Origin:** Somalia

**Grade:** Wild

**Recommended Use:** Professional Perfumery Raw Material

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Supplier

**Aromology Trading LLC**  
G05 Al Ghazal Building  
Nadd Al Hamar  
Dubai, United Arab Emirates

**Website:** [www.aromology.com](http://www.aromology.com)  
**Email:** [info@aromology.com](mailto:info@aromology.com)  
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## SECTION 2 – HAZARD IDENTIFICATION

### GHS Classification

- Skin Sensitisation – Category 1
- Aspiration Hazard – Category 1
- Eye Irritation – Category 2A
- Hazardous to the Aquatic Environment (Chronic) – Category 2

### Signal Word

Danger

### Hazard Statements

H304 May be fatal if swallowed and enters airways.

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 or physician.
- P331 Do NOT induce vomiting.
- P302+P352 IF ON SKIN: Wash thoroughly with soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P391 Collect spillage.
- P501 Dispose of contents/container according to local regulations.

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## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

| Component      | Information                                         |
|----------------|-----------------------------------------------------|
| Product        | Wild Opoponax Essential Oil                         |
| Botanical Name | <i>Commiphora erythraea</i> var. <i>glabrescens</i> |
| INCI Name      | Commiphora Erythraea Resin Oil                      |



CAS Number 8021-36-1  
EC Number 297-649-7  
Purity 100% Pure Steam Distilled Essential Oil

#### Typical Naturally Occurring Constituents

- (E)- $\beta$ -Ocimene
- $\alpha$ -Bisabolene
- $\alpha$ -Santalene
- $\beta$ -Bergamotene
- $\alpha$ -Bergamotene
- Germacrene D
- Decanol
- Sesquiterpenes
- Resin acids

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## SECTION 4 – FIRST AID MEASURES

### Inhalation

Move exposed person 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 clean water for at least 15 minutes. Seek medical attention if irritation persists.

### Ingestion

Do NOT induce vomiting. Obtain immediate medical attention due to aspiration hazard.

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## SECTION 5 – FIRE FIGHTING MEASURES

### Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder



- Alcohol-resistant foam
- Water mist

#### Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic vapours.

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### SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable personal protective equipment.

Prevent release into drains and waterways.

Absorb with inert absorbent material.

Collect into suitable disposal containers.

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### SECTION 7 – HANDLING AND STORAGE

Use only with adequate ventilation.

Avoid prolonged skin contact.

Store tightly closed away from direct sunlight, heat and oxidising agents.

Recommended Storage Temperature: 5–20 °C

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### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
  - Nitrile gloves
  - Protective laboratory clothing
  - Adequate local exhaust ventilation
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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES



| Property                 | Specification                                                   |
|--------------------------|-----------------------------------------------------------------|
| Appearance               | Clear mobile liquid                                             |
| Colour                   | Pale Yellow to Amber                                            |
| Odour                    | Sweet balsamic, resinous, warm, woody, spicy, slightly animalic |
| Relative Density (20 °C) | 0.880–0.930                                                     |
| Refractive Index (20 °C) | 1.480–1.510                                                     |
| Flash Point              | >65 °C                                                          |
| Solubility               | Insoluble in water                                              |
| Solubility               | Soluble in ethanol                                              |

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## SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid strong oxidising agents, excessive heat, open flames and prolonged exposure to air.

Hazardous decomposition products include carbon monoxide, carbon dioxide and smoke.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

### Routes of Exposure

- Skin
- Eyes
- Inhalation
- Ingestion

May cause allergic skin reactions and eye irritation.

Aspiration into the lungs may result in chemical pneumonitis.

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## SECTION 12 – ECOLOGICAL INFORMATION

Toxic to aquatic organisms with long-lasting effects.

Avoid uncontrolled release into the environment.

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## SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose through an authorised waste contractor in accordance with local and national regulations.

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## SECTION 14 – TRANSPORT INFORMATION

|                      |                                                                    |
|----------------------|--------------------------------------------------------------------|
| Regulation           | Status                                                             |
| UN Number            | UN3082                                                             |
| Proper Shipping Name | Environmentally Hazardous Substance, Liquid, N.O.S. (OpoPONAX Oil) |
| ADR/RID              | Class 9                                                            |
| IMDG                 | Class 9                                                            |
| IATA                 | Class 9                                                            |
| Packing Group        | III                                                                |

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## SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
  - OSHA Hazard Communication Standard (29 CFR 1910.1200)
  - Regulation (EC) No. 1907/2006 (REACH)
  - Regulation (EU) 2020/878
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## SECTION 16 – OTHER INFORMATION

Wild OpoPONAX Essential Oil is obtained by steam distillation of the oleo-gum resin of *Commiphora erythraea* var. *glabrescens*, also known as Sweet Myrrh. It possesses a rich sweet-balsamic, resinous, warm, spicy and woody aroma with subtle earthy and animalic nuances. OpoPONAX is highly valued in fine fragrance as a natural fixative and is widely used in oriental, amber, incense, leather, chypre and woody fragrance compositions.

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