



SAFETY DATA SHEET (SDS)

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

SECTION 1 – IDENTIFICATION

Product Name: Ylang Oil Fraction

Alternative Names: Ylang Fraction Farnesene HE, Ylang-Ylang Farnesene Fraction

Botanical Name: *Cananga odorata* (Lam.) Hook.f. & Thomson

INCI Name: Cananga Odorata Flower Oil

EU CAS Number: 8006-81-3

EC Number: 281-092-1

Product Type: Natural Essential Oil Fraction

Plant Part: Flowers

Extraction Method: Fractional Steam Distillation

Origin: Comoros

Grade: Perfumery Grade (Farnesene Fraction)

Recommended Use: Professional Perfumery Raw Material

Supplier

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

Website: www.aromology.com
Email: info@aromology.com
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SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Aspiration Hazard – Category 1
- Skin Sensitisation – Category 1
- Hazardous to the Aquatic Environment (Chronic) – Category 3

Signal Word

Danger

Hazard Statements

- H304 May be fatal if swallowed and enters airways.
- H317 May cause an allergic skin reaction.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- 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 with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Ylang Oil Fraction
Botanical Name	<i>Cananga odorata</i>
INCI	Cananga Odorata Flower Oil
EU CAS Number	8006-81-3
EC Number	281-092-1
Purity	100% Natural Fraction

Typical Naturally Occurring Constituents



- β -Farnesene (major constituent)
 - (E,E)- α -Farnesene
 - Germacrene D
 - β -Caryophyllene
 - Benzyl Benzoate
 - Benzyl Salicylate
 - Benzyl Acetate
 - Farnesol
 - p-Methylanisole
 - Linalool
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SECTION 4 – FIRST AID MEASURES

Inhalation: Move exposed person to fresh air.

Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Rinse cautiously with water for at least 15 minutes.

Ingestion: Do NOT induce vomiting. Seek immediate medical attention.

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.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable personal protective equipment.



Prevent release into drains and waterways.

Absorb with inert absorbent material and transfer to suitable disposal containers.

SECTION 7 – HANDLING AND STORAGE

Use only with adequate ventilation.

Avoid prolonged skin contact.

Store tightly closed in original container.

Protect from light, heat and oxidising agents.

Recommended Storage Temperature: 15–20 °C.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Property	Specification
Appearance	Clear mobile liquid
Colour	Pale Yellow to Yellow
Odour	Soft floral, green, woody, slightly fruity, less sweet than complete ylang
Relative Density (20 °C)	0.890–0.920
Refractive Index (20 °C)	1.485–1.505
Flash Point	>65 °C
Solubility	Insoluble in water
Solubility	Soluble in ethanol



SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause allergic skin reactions.

Aspiration hazard if swallowed.

Avoid prolonged or repeated skin exposure.

SECTION 12 – ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

Avoid uncontrolled release into the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and containers through an authorised waste contractor in accordance with local regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation Status



UN Number Not Regulated

ADR/RID Not Regulated

IMDG Not Regulated

IATA Not Regulated

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

SECTION 16 – OTHER INFORMATION

Ylang Oil Fraction – Farnesene is obtained by fractional distillation of Ylang-Ylang (*Cananga odorata*) flowers, enriching the later-distillation sesquiterpene fraction. It is characterised by a high content of β -farnesene, α -farnesene, germacrene D, and β -caryophyllene, producing a smooth woody-green floral profile with excellent substantivity. This fraction is widely used to impart natural diffusion, body and longevity to floral, woody, amber and chypre fragrance compositions.

Document Version: 1.0

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