



SAFETY DATA SHEET (SDS)

Product Name: Olibanum Coeur Molecular Distillation

Botanical Name: *Boswellia carterii* Birdw.

INCI Name: *Boswellia Carterii* Oil

CAS Number: 8050-07-5

EC Number: 232-474-1

FEMA Number: 2816

Product Type: Essential Oil (Molecular Distilled)

Extraction Method: Steam Distillation followed by Molecular Distillation

Recommended Use: Fragrance ingredient for perfumery, cosmetic and personal care applications.

Supplier: Aromology Trading LLC

Issue Date: 30 August 2025

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier: Olibanum Coeur Molecular Distillation

Botanical Source: *Boswellia carterii* Birdw.

CAS Number: 8050-07-5

Recommended Use: Perfumery, cosmetics, personal care products and aromatics.

Emergency Telephone: +971 505 197 601

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Hazard Class	Category
Flammable Liquid	Category 3
Aspiration Hazard	Category 1
Skin Irritation	Category 2
Skin Sensitisation	Category 1
Eye Irritation	Category 2A
Aquatic Chronic Toxicity	Category 2

Signal Word: Danger



Hazard Statements

H226 Flammable liquid and vapour.

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

P210 Keep away from heat, sparks and open flames.

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 with plenty of soap and water.

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.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Concentration
Olibanum Coeur Molecular Distillation	8050-07-5	100%

SECTION 4: FIRST AID MEASURES



Inhalation

Move the affected person to fresh air.

Seek medical attention if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Eye Contact

Flush immediately with water for at least 15 minutes.

Seek medical attention if irritation persists.

Ingestion

Immediately seek medical attention.

Do **not** induce vomiting.

Symptoms

Skin irritation.

Eye irritation.

Possible allergic skin reaction.

Aspiration hazard if swallowed.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media

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



Unsuitable Extinguishing Media

Direct water jet.

Hazardous Combustion Products

Carbon monoxide.

Carbon dioxide.

Organic decomposition products.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Eliminate all ignition sources.

Ensure adequate ventilation.

Prevent release into drains and waterways.

Absorb with sand, vermiculite or other inert absorbent material.

Dispose according to local regulations.

SECTION 7: HANDLING AND STORAGE

Handling

Avoid contact with skin and eyes.

Avoid breathing vapours.

Use only in well-ventilated areas.

Keep away from ignition sources.

Observe good industrial hygiene practices.

Storage

Store below **25°C**.



Keep container tightly closed.

Protect from sunlight.

Store away from oxidising agents.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

No occupational exposure limits established.

Engineering Controls

General mechanical ventilation.

Eye Protection

Safety goggles.

Skin Protection

Chemical-resistant gloves.

Respiratory Protection

Organic vapour respirator where ventilation is inadequate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear colourless to pale yellow liquid
Odour	Fresh, bright, citrus, incense, resinous, slightly peppery
Flash Point	48–55 °C
Relative Density @20 °C	0.860–0.885
Refractive Index @20 °C	1.4620–1.4780
Optical Rotation	-15° to +15°
Solubility	Insoluble in water; soluble in ethanol and perfumery solvents



SECTION 10: STABILITY AND REACTIVITY

Reactivity

Stable under recommended storage conditions.

Chemical Stability

Stable under normal handling conditions.

Conditions to Avoid

Heat.

Open flames.

Strong oxidising agents.

Prolonged exposure to air.

Hazardous Decomposition Products

Carbon monoxide.

Carbon dioxide.

Organic decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

- Skin
- Eyes
- Inhalation
- Ingestion

Effects

May cause skin irritation.

May cause allergic skin reaction.



May cause eye irritation.

May be fatal if swallowed and enters airways.

SECTION 12: ECOLOGICAL INFORMATION

Toxic to aquatic organisms with long-lasting effects.

Avoid uncontrolled release into the environment.

Readily biodegradable under normal environmental conditions.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and containers according to local, national and international regulations.

Do not discharge into drains or waterways.

SECTION 14: TRANSPORT INFORMATION

Parameter	Information
UN Number	UN 1993
Proper Shipping Name	Flammable Liquid, N.O.S. (Contains Terpenes)
Hazard Class	3
Packing Group	III
Marine Pollutant	Yes

SECTION 15: REGULATORY INFORMATION

Prepared in accordance with:

- UN GHS (Latest Edition)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EC) No. 1907/2006 (REACH)
- IFRA Standards (51st Amendment)



SECTION 16: OTHER INFORMATION

This Safety Data Sheet provides guidance for the safe handling, storage and use of Olibanum Coeur Molecular Distillation in perfumery, cosmetic and personal care applications.

Olibanum Coeur Molecular Distillation is produced by molecular distillation of premium *Boswellia carterii* essential oil to concentrate the most refined, fresh, citrus-incense heart notes while reducing heavier resinous fractions. The result is a highly refined frankincense ingredient valued in fine fragrance for its exceptional purity, elegance and radiance.

Prepared By:

Fozia Khot

Title: Director

Company: Aromology Trading LLC

Issue Date: 30 August 2025

Version: 1.0