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: Frankincense Absolute
Alternative Name: Olibanum Absolute, Boswellia Absolute
Botanical Name: *Boswellia carterii* Birdw.
INCI Name: *Boswellia Carterii* Resin Extract
CAS Number: 8016-36-2
EC Number: 616-980-3
Plant Part: Oleo-Gum Resin
Extraction Method: Solvent Extraction
Origin: Somalia
Product Type: Natural Absolute
Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic and fragrance ingredient.

Frankincense (Olibanum) Absolute is obtained from the aromatic oleo-gum resin of *Boswellia carterii* and is valued for its deep balsamic, resinous, incense and woody aroma.

Supplier

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

Website: www.aromology.com
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SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Skin Sensitisation – Category 1
- Reproductive Toxicity – Category 2
- Aspiration Hazard – Category 1

Signal Word

Warning

Hazard Statements

- H317 May cause an allergic skin reaction.
- H361 Suspected of damaging fertility or the unborn child.
- H304 May be fatal if swallowed and enters airways.

Precautionary Statements

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P261 Avoid breathing vapours.
- P280 Wear protective gloves and eye protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or physician.
- P331 Do not induce vomiting.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P405 Store locked up.
- P501 Dispose of contents/container according to local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	**Information**
Product	Frankincense Absolute
Botanical Name	*Boswellia carterii* Birdw.
INCI Name	*Boswellia Carterii* Resin Extract
CAS Number	**8016-36-2**
EC Number	**616-980-3**
Purity	100% Natural Absolute

Typical Naturally Occurring Constituents

- α-Pinene
- β-Pinene
- Limonene
- Sabinene
- Myrcene
- Incensole
- Incensole Acetate
- β-Caryophyllene
- Resin Acids

- Boswellic Acid Derivatives

Typical olibanum extracts contain significant levels of monoterpenes together with resinous diterpenes and sesquiterpenes.

SECTION 4 – FIRST AID MEASURES

Inhalation: Move the exposed person to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Flush cautiously with clean water for at least 15 minutes. Obtain medical advice if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Immediately seek medical attention because of aspiration hazard.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic vapours

Firefighters should wear self-contained breathing apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Provide adequate ventilation.

Prevent entry into drains and waterways.

Absorb using inert absorbent material.

Transfer to suitable labelled containers for disposal.

Avoid unnecessary skin contact.

SECTION 7 – HANDLING AND STORAGE

Handle using good industrial hygiene practices.

Avoid prolonged skin and eye contact.

Store in tightly closed original containers.

Protect from direct sunlight, heat and oxidising agents.

Recommended Storage Temperature: 5–20°C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Chemical safety goggles
Hand Protection	Nitrile gloves
Skin Protection	Protective clothing
Respiratory Protection	Organic vapour respirator where ventilation is inadequate
Engineering Controls	Adequate local exhaust ventilation

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical Specification
Appearance	Amber viscous liquid to semi-solid
Colour	Amber to Dark Brown
Odour	Rich incense, balsamic, resinous, citrus, woody
Relative Density (20°C)	0.960–1.040
Refractive Index (20°C)	1.485–1.520
Flash Point	>70°C

Solubility	Soluble in ethanol and perfumery solvents; insoluble in water

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Excessive heat
- Direct sunlight
- Strong oxidising agents

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause allergic skin reactions.

May be fatal if swallowed and enters the airways.

Suspected of damaging fertility or the unborn child.

Avoid prolonged or repeated exposure.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

Prevent contamination of drains, waterways and soil.

No complete ecological data are available for the natural absolute.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of unused material and contaminated packaging through an authorised waste disposal contractor in accordance with applicable regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Classification
UN Number	Not Regulated*
ADR/RID	Refer to current transport regulations
IMDG	Refer to current transport regulations
IATA	Refer to current transport regulations

*Transport classification may vary depending on packaging size, flash point and jurisdiction. Verify before shipment.

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 (EC) No. 1272/2008 (CLP)
- Regulation (EU) 2020/878

SECTION 16 – OTHER INFORMATION

Frankincense Absolute (Somalia) is produced by solvent extraction of the aromatic oleo-gum resin of *Boswellia carterii*. Compared with the essential oil, the absolute offers a deeper and more persistent olfactory profile with rich incense, balsamic, resinous, amber, woody and subtly citrus facets. It is widely used in incense, oriental, amber, woody, leather and sacred fragrance accords, blending exceptionally well with myrrh, labdanum, patchouli, cedarwood, sandalwood, vetiver, rose, jasmine, benzoin and vanilla to provide remarkable depth, warmth and longevity.

Document Version: 1.0

Issue Date: 15 July 2026

Prepared and Authorised By

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