



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: Dried Jungle Berries Absolute

Botanical Name: *Zanthoxylum rhetsa* (Roxb.) DC.

Alternative Names: Indian Prickly Ash Absolute, Mullilam Fruit Absolute, Jungle Pepper Berry Absolute

INCI Name: Zanthoxylum Rhetsa Fruit Extract

CAS Number: Natural Botanical Extract

EC Number: Not Assigned

Product Type: Natural Absolute

Plant Part: Dried Fruits (Berries)

Extraction Method: Solvent Extraction

Origin: India

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic and fragrance 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

Telephone: +971 505197601

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Eye Irritation – Category 2A
- Hazardous to the Aquatic Environment (Chronic) – Category 3

Signal Word

Warning



Hazard Statements

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours.
- P264 Wash thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of 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.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Dried Jungle Berries Absolute
Botanical Name	<i>Zanthoxylum rhetsa</i>
INCI Name	Zanthoxylum Rhetsa Fruit Extract
CAS Number	Not Assigned
Purity	100% Natural Absolute

Typical Naturally Occurring Constituents

- Limonene
 - Linalool
 - Sabinene
 - β -Pinene
 - α -Pinene
 - Terpinen-4-ol
 - β -Caryophyllene
 - Germacrene D
 - Terpene hydrocarbons
 - Oxygenated terpenes
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SECTION 4 – FIRST AID MEASURES

Inhalation: Remove 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. Obtain medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Seek immediate medical advice.

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 appropriate protective equipment.

Prevent release into drains and waterways.

Absorb with inert material and transfer to suitable waste containers.

SECTION 7 – HANDLING AND STORAGE

Use only in well-ventilated areas.

Avoid contact with skin and eyes.

Store tightly closed in the original container.



Protect from heat, direct sunlight and oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Property	Specification
Appearance	Viscous liquid to semi-solid
Colour	Dark Brown to Reddish Brown
Odour	Warm spicy, peppery, fruity, dried berries, woody, slightly citrus and balsamic
Relative Density (20 °C)	0.960–1.030
Refractive Index (20 °C)	1.480–1.530
Flash Point	>75 °C
Solubility in Water	Insoluble
Solubility	Soluble in ethanol and perfumery solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames
- Prolonged exposure to air

Hazardous decomposition products include carbon monoxide and carbon dioxide.



SECTION 11 – TOXICOLOGICAL INFORMATION

May cause skin irritation.

May cause allergic skin reactions.

May cause eye irritation.

Handle in accordance with good industrial hygiene and safety practices.

SECTION 12 – ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

Prevent uncontrolled release into the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and packaging through an authorised waste disposal contractor in accordance with applicable 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
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SECTION 16 – OTHER INFORMATION

Dried Jungle Berries Absolute is obtained by solvent extraction of the dried fruits of *Zanthoxylum rhetsa*. It possesses a distinctive spicy-fruity aroma combining peppery, citrus, woody and balsamic facets with nuances of dried berries. The material is valued in niche perfumery for creating spice accords, exotic fruit accords, woody compositions, leather fragrances and oriental perfumes, where it contributes natural warmth, complexity and excellent substantivity.

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