



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: Elemi Resinoid

Alternative Names: Elemi Gum Resinoid, Elemi Resin Extract

Botanical Name: *Canarium luzonicum* (Blume) A.Gray

INCI Name: Canarium Luzonicum Gum Extract

CAS Number: 8023-89-0

EC Number: 232-557-2

FEMA Number: 2408

Product Type: Natural Resinoid

Plant Part: Gum Resin

Extraction Method: Solvent Extraction

Origin: Philippines

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

- Aspiration Hazard – Category 1
- Skin Irritation – Category 2
- Skin Sensitisation – 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.
- 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

- 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.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Elemi Resinoid
Botanical Name	<i>Canarium luzonicum</i>
INCI Name	Canarium Luzonicum Gum Extract
CAS Number	8023-89-0
EC Number	232-557-2
Purity	100% Natural Resinoid

Typical Naturally Occurring Constituents

- Elemol
- Elemicin
- Limonene
- α -Phellandrene
- Sabinene
- β -Phellandrene
- Terpinolene
- α -Pinene



- β -Pinene
 - Resin Acids
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SECTION 4 – FIRST AID MEASURES

Inhalation: Remove exposed person to fresh air. Seek medical advice 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: 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 protective equipment.

Prevent release into drains and waterways.

Absorb with inert material and transfer into approved waste containers.

SECTION 7 – HANDLING AND STORAGE



Use only in well-ventilated areas.

Avoid contact with skin and eyes.

Store tightly sealed in the original container.

Protect from direct sunlight, excessive heat and strong oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
- Nitrile gloves
- Protective clothing
- Local exhaust ventilation

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Viscous liquid to semi-solid
Colour	Pale Yellow to Amber Brown
Odour	Fresh resinous, citrus, incense-like, balsamic, peppery
Relative Density (20 °C)	0.930–0.990
Refractive Index (20 °C)	1.490–1.520
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
- Heat
- Open flames



- Direct sunlight

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause allergic skin reactions.

May cause eye irritation.

Contains naturally occurring terpene hydrocarbons that may oxidise during storage and increase sensitisation potential.

SECTION 12 – ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects.

Avoid 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

Elemi Resinoid is obtained by solvent extraction of the gum resin of *Canarium luzonicum*. Compared with the distilled essential oil, the resinoid possesses a richer, deeper and more tenacious resinous profile with warm balsamic, citrus, peppery and incense-like facets. It is widely used in fine fragrance, incense accords, amber compositions, leather fragrances and oriental perfumes where it imparts depth, fixation and natural resinous complexity.

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