



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

Item	Details
Product Name	Gurjun Balsam Dark
Botanical Source	<i>Dipterocarpus turbinatus</i> C.F.Gaertn.
INCI Name	Dipterocarpus Turbinatus Balsam Oil
CAS Number	8030-55-5
EC Number	232-444-8 / 296-902-9
Product Type	Natural Essential Oil (Copaene Chemotype)
Plant Part	Oleoresin (Balsam)
Extraction Method	Steam Distillation
Recommended Use	Professional perfumery, fragrance, cosmetic and industrial applications
Uses Advised	Internal consumption, vaping, smoking, or undiluted skin
Against	application

The copaene chemotype of Gurjun Balsam is obtained from *Dipterocarpus turbinatus* and is characterized by a high α -copaene content, typically exceeding 40%.

Supplier

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

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SECTION 2: HAZARD IDENTIFICATION

GHS Classification (Representative)

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



- Skin Irritation – Category 2
- Hazardous to the Aquatic Environment (Chronic) – Category 3

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.
- H412: Harmful to aquatic life with long lasting effects.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	Representative Concentration
Gurjun Balsam Oil (Natural Complex Substance)	100%
Alpha-Copaene	>40%
Beta-Caryophyllene	Batch dependent
Alpha-Humulene	Batch dependent
Other Natural Sesquiterpenes	Balance

The copaene chemotype is distinguished by α -copaene as the principal constituent.

SECTION 4: FIRST AID MEASURES

Inhalation: Move to fresh air. Obtain medical advice if symptoms persist.

Skin Contact: Wash with soap and water. Remove contaminated clothing. Seek medical advice if irritation or sensitisation develops.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present.

Ingestion: Do not induce vomiting. Immediately contact a physician or Poison Centre due to aspiration hazard.

SECTION 5: FIRE-FIGHTING MEASURES



Suitable extinguishing media:

- Dry chemical
- Carbon dioxide
- Alcohol-resistant foam

Hazardous combustion products:

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Wear suitable PPE.
- Prevent release into drains and waterways.
- Absorb with inert material such as sand or vermiculite.
- Collect into suitable waste containers.

SECTION 7: HANDLING AND STORAGE

- Avoid contact with eyes and skin.
- Avoid breathing vapours.
- Store tightly closed.
- Protect from heat, sunlight and oxidising agents.
- Keep in a cool, dry, well-ventilated area.
- Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Chemical safety glasses
Hand Protection	Nitrile gloves
Skin Protection	Protective clothing
Respiratory Protection	Adequate ventilation; respirator if vapour concentrations become excessive

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



Property	Typical Value
Appearance	Clear to slightly viscous liquid
Colour	Brown to dark brown
Odour	Woody, balsamic, earthy, copaiba-like
Relative Density (20 °C)	0.900–0.970
Refractive Index (20 °C)	1.498–1.516
Flash Point	>93 °C
Water Solubility	Insoluble
Alcohol Solubility	Soluble

Representative physical specifications are consistent with commercial Gurjun Balsam (dark/copaene) materials.

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
- Open flames
- Strong oxidising agents
- Prolonged exposure to air and sunlight

SECTION 11: TOXICOLOGICAL INFORMATION

- May cause skin sensitisation.
- Causes skin and eye irritation.
- Aspiration into lungs may be fatal.
- Prolonged exposure may aggravate sensitive skin.

SECTION 12: ECOLOGICAL INFORMATION

- Harmful to aquatic life with long-lasting effects.
 - Avoid uncontrolled environmental release.
 - Do not discharge into drains or natural waterways.
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SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

Transport classification should be verified using the current batch SDS and applicable transport regulations before shipment.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1272/2008 (CLP)
 - Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EU) 2020/878
 - UN GHS
 - Regulation (EC) No. 1223/2009 (Cosmetic Products)
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SECTION 16: OTHER INFORMATION

Hazard Statements

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Disclaimer

This MSDS provides representative safety information for Gurjun Balsam Dark – Copaene. Batch-specific analytical data and the original manufacturer's Safety Data Sheet shall take precedence where available.

Authorised by:
Fozia Khot
Director