



RV INTERNATIONAL

Essential Oils Manufacturer & Bulk Supplier in India

GST NO. 06BGIPG9360E1ZF

Address: Opposite Sudhanshu Maharaj Ashram, Shiv Mandir, Nimbri, Panipat, Haryana 132104

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1.1 — PRODUCT IDENTIFICATION

PRODUCT NAME: GURJUN BALSAM ESSENTIAL OIL

BOTANICAL NAME: Dipterocarpus turbinatus / Dipterocarpus alatus

COMMON NAMES: Gurjun Oil / Gurjon Oil / Wood Oil / Kenaf Oil / East Indian Copaiba

MOLECULAR FORMULA: NOT APPLICABLE

MOLECULAR WEIGHT: NOT APPLICABLE

CAS No.: 8030-55-5

FEMA No.: 2545

SECTION 1.2 — COMPANY IDENTIFICATION

Company Name: RV International

Address: Shiv Mandir, Ujha Rd, Opposite Sudhanshu Aashram, Nimbri, Panipat, Haryana 132104

Telephone: +91 8937003005

Email: info@rvorganica.com

Website: www.rvorganica.com

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	HAZARDOUS STATEMENT
GURJUN BALSAM ESSENTIAL OIL (Dipterocarpus turbinatus)	8030-55-5	Not a hazardous substance

HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE.

*PERSONAL CARE, COSMETIC & AROMATHERAPY PURPOSE. Gurjun Balsam essential oil is steam distilled from the naturally exuded oleo-resin of Dipterocarpus turbinatus — a large tropical timber tree in the Dipterocarpaceae family, native to the forests of India (particularly Northeast India, Andaman & Nicobar Islands), Bangladesh, and Southeast Asia. Gurjun Balsam has long been used in Indian and Ayurvedic traditions for its wood-preserving, aromatic, and therapeutic properties. The oil is richly sesquiterpenic, with a characteristic woody, earthy, balsamic, slightly smoky aroma. It is commonly used as an adulterant detector in sandalwood authentication and as a base note fixative in perfumery.

SECTION 3: HAZARD IDENTIFICATION

Gurjun Balsam essential oil is considered low hazard under normal conditions of use.

Eye Contact: May cause mild irritation upon direct contact

Skin Contact: Generally well-tolerated when diluted; oil is viscous — dilute well before use



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Inhalation: No significant hazard under normal use conditions

Ingestion: NOT FOR INTERNAL USE as a cosmetic product

SECTION 4: FIRST AID MEASURES

Eyes: Flush with plenty of water for 15 minutes. Seek medical attention if irritation persists.

Skin: Rinse with water and mild soap. Seek medical attention if irritation develops.

Ingestion: Drink water to dilute. Seek medical attention if large quantities ingested.

Inhalation: Remove to fresh air if vapour causes any discomfort.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point (Method Used): >82°C Close Cup

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam

Unsuitable Media: Water (except to cool containers)

Special Firefighting Procedures: Fire fighters should wear positive pressure self-contained breathing apparatus. Cool containers exposed to flame with water.

Unusual Fire & Explosion Hazards: None under normal conditions — moderate-high flash point

Hazardous Decomposition Materials: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Avoid ingestion. Wear eye protection and gloves. Ventilate area well.

Methods for Cleaning Up: Eliminate all sources of ignition. Ventilate area. Viscous oil — warm water helps clean up. Prevent liquid from entering sewers.

- Small spills: wipe up with paper rags (place in closed metal waste container)
- Large spills: absorb onto non-flammable absorbent. Wash area with warm soap and water.

SECTION 7: HANDLING AND STORAGE

Safe Handling: Avoid ingestion. Standard cosmetic handling practices apply. Always dilute before skin application. Note: Gurjun Balsam oil is viscous — gently warm in a warm water bath if needed before use. Keep tightly sealed.

Storage Requirements: Store in a cool, dark, dry, well-ventilated area away from heat and direct sunlight. Keep tightly sealed. Temperature below 25°C.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Threshold Limit Value: Not established

Work Practice Controls: Personal hygiene is an important work practice exposure control measure.

- Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.



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- Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- Wash exposed skin promptly to remove accidental splashes or contact with this material.

Respiratory: Normal ventilation is adequate for typical use

Ventilation: Normal room ventilation is sufficient

Eye: Wear safety glasses for industrial handling

Skin: Gloves recommended for industrial handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Viscous Liquid (may thicken at cooler temperatures — warm gently before use)

Color: Pale Yellow to Amber

Odor: Characteristic woody, earthy, balsamic, slightly smoky Gurjun scent

Vapor Pressure (mmHg.): Not available

Flash Point: >82°C (Closed Cup)

Boiling Point: Not available

Melting Point: May thicken below 15°C — warm gently to restore flow

Density @25°C: 0.968

Refractive Index @25°C: 1.502

Solubility in Water: Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions; keep tightly sealed

Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents and hot sources of ignition.

Conditions to Avoid: Avoid contact with sparks, flame, heat, and prolonged light exposure.

Hazardous Decomposition By-products: Smoke and unidentified organic compounds may be formed during combustion.

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

Gurjun Balsam essential oil is considered safe for topical cosmetic use when properly diluted.

Irritancy: Low irritancy when diluted

Sensitization: May cause sensitization in sensitive individuals; patch test recommended

Health Hazards: Low acute toxicity at normal cosmetic usage levels

Eye Contact: Mild irritant

Note: Gurjun Balsam oil is a traditional Indian aromatic with a long history of safe use in Ayurveda and industry. Rich in sesquiterpenic hydrocarbons (gurjunene, β -caryophyllene). Widely used as a reference



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material in sandalwood authentication. Always dilute before use. Warm gently if thickened. Patch test before use on sensitive skin.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Natural plant resin extract — biodegradable; low environmental impact under normal use.

SECTION 13: DISPOSAL CONSIDERATION

Waste Disposal Methods: Dispose of according to local, state and federal regulations.

SECTION 14: OTHER REGULATORY INFORMATION

CAS NO: 8030-55-5

FEMA No.: 2545

Hazards: Low hazard — mild irritant when undiluted

Traditional Use: Long established in Indian Ayurvedic and industrial applications; used as reference in sandalwood oil authentication

Risk Phrases: Mildly irritating to eyes. May cause sensitization in rare individuals.

Safety Phrases: Avoid contact with eyes. Dilute before use. Warm gently if thickened. Conduct patch test. Keep out of reach of children. Consult doctor before use during pregnancy.

SECTION 16: ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

The information contained in this Material Safety Data Sheet is obtained from current and reliable sources. The information contained herein is true and to the best of RV International's knowledge. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations.



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