



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: BETEL LEAF ESSENTIAL OIL
BOTANICAL NAME: Piper betle
COMMON NAMES: Pan Leaf Oil / Tambul Oil / Betel Pepper Oil
MOLECULAR FORMULA: NOT APPLICABLE
MOLECULAR WEIGHT: NOT APPLICABLE
CAS No.: 8006-64-2 / 83863-47-2
FEMA No.: NOT ASSIGNED

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
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SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	HAZARDOUS STATEMENT
BETEL LEAF ESSENTIAL OIL	8006-64-2 / 83863-47-2	Not a hazardous substance

HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE.

*PERSONAL CARE & COSMETIC PURPOSE. Betel Leaf essential oil is steam distilled from the fresh leaves of Piper betle — a vine belonging to the Piperaceae family, widely grown across South and Southeast Asia. The oil is rich in phenolic compounds, particularly chavicol, eugenol, and chavibetol (betel phenol), giving it its characteristic spicy, phenolic character. It has a long history of use in Ayurvedic medicine and traditional Asian oral care.

SECTION 3: HAZARD IDENTIFICATION

The toxicological properties of this material have not been fully investigated.

Eye Contact: Strong irritant — will cause significant irritation; avoid direct contact with eyes

Skin Contact: May cause skin irritation and sensitization upon prolonged or undiluted use due to high phenolic content

Inhalation: Vapors are pungent; avoid prolonged or direct inhalation. Supply fresh air if irritation occurs.



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Ingestion: Rinse out mouth and drink plenty of water. NOT FOR INTERNAL USE.

SECTION 4: FIRST AID MEASURES

Eyes: Flush immediately with plenty of water or eyewash solution for at least 15 minutes. Get immediate medical attention.

Skin: Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if burns or persistent irritation occur.

Ingestion: Administer water or milk to dilute. Seek medical attention immediately or call a poison control center.

Inhalation: Remove to fresh air immediately. Seek medical attention if respiratory symptoms develop.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point (Method Used): >72°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. Toxic vapors may be released. Cool containers exposed to flame with water.

Unusual Fire & Explosion Hazards: Not established

Hazardous Decomposition Materials: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Avoid skin and eye contact. Wear chemical resistant gloves, eye protection, and apron. Ventilate area well.

Methods for Cleaning Up: Eliminate all sources of ignition. Ventilate area. 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 soap and water.

SECTION 7: HANDLING AND STORAGE

Safe Handling: ALWAYS dilute before skin application — never apply undiluted. Avoid contact with eyes and mucous membranes. Keep away from children. Wear gloves when handling concentrated oil.

Storage Requirements: Store in an area that is cool, dry, and well-ventilated. Do not expose to temperatures over 30°C. Keep tightly sealed to preserve aroma and prevent oxidation.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Threshold Limit Value: Not established

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



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- Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- Wash exposed skin promptly — betel leaf oil is a moderate-to-strong skin irritant if used undiluted

Respiratory: Avoid breathing vapors; use in well-ventilated areas

Ventilation: Local, mechanical exhaust recommended

Eye: Wear chemical goggles or safety glasses

Skin: Wear chemical resistant gloves — direct skin contact with undiluted oil may cause irritation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid, Oil

Color: Pale Yellow to Golden

Odor: Characteristic fresh, spicy, phenolic, peppery betel leaf scent

Vapor Pressure (mmHg.): Not available

Flash Point: >72°C (Closed Cup)

Boiling Point: Not available

Melting Point: NA

Density @25°C: 0.978

Refractive Index @25°C: 1.508

Solubility in Water: Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions

Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents and avoid hot sources of ignition on or near empty containers.

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

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

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

CAUTION: Liquid is irritating to eyes and skin. Must be diluted before use. NOT FOR INTERNAL USE.

Irritancy: Moderate-to-strong skin and mucous membrane irritant when used undiluted

Sensitization: May cause skin sensitization in sensitive individuals — patch test strongly recommended

Health Hazards (Acute & Chronic): Ingestion: Harmful — seek immediate medical attention if ingested



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Harmful Contact: Irritant

Eye Contact: Strong Irritant

Note: Betel Leaf oil contains high levels of phenolic compounds (chavicol, eugenol, chavibetol). Always dilute thoroughly before use. Conduct patch test before topical application. Not recommended during pregnancy. Keep away from children.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Toxic to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATION

Waste Disposal Methods: Dispose of according to local, state and federal regulations. Do not pour down drains.

SECTION 14: OTHER REGULATORY INFORMATION

CAS NO: 8006-64-2 / 83863-47-2

Hazards: Irritant / Sensitizer

Risk Phrases: Irritating to eyes and skin. May cause sensitization by skin contact. Must be diluted before use. Not for internal use. Toxic to aquatic organisms and may cause long-term effects in the aquatic environment.

Safety Phrases: ALWAYS dilute before skin application. Avoid contact with eyes. Wear gloves. Keep out of reach of children. Not recommended during pregnancy. Seek medical advice before use on sensitive skin.

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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