



# 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:** ELEMI ESSENTIAL OIL

**BOTANICAL NAME:** Canarium luzonicum

**SYNONYMS:** Manila Elemi Oil, Philippine Elemi Oil, Canarium luzonicum Oil

**MOLECULAR FORMULA:** NOT APPLICABLE

**MOLECULAR WEIGHT:** NOT APPLICABLE

**CAS No.:** 8023-89-0

### 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
ELEMI ESSENTIAL OIL	8023-89-0	Flammable Liquid; Mild Skin/Eye Irritant; Sensitizer (Limonene, alpha-Pinene)

**HAZARDOUS CLASSIFICATION:** FLAMMABLE LIQUID; MILD SKIN AND EYE IRRITANT.

\*PERSONAL CARE, COSMETIC, PERFUMERY & AROMATHERAPY PURPOSE — USE AS PER IFRA GUIDELINES.

### SECTION 3: HAZARD IDENTIFICATION

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

**Eye Contact:** Causes mild eye irritation upon direct contact. Possible damage with prolonged undiluted exposure.

**Skin Contact:** May cause mild skin irritation and sensitization upon prolonged or repeated undiluted exposure. Contains limonene and alpha-Pinene — potential sensitizers especially when oxidised.

**Inhalation:** High concentrations of vapour may cause mild headache or dizziness. Move to fresh air immediately if irritation occurs.


**Ingestion:** Rinse out mouth and drink plenty of water. Do not induce vomiting. Seek medical attention if large quantities ingested.

### SECTION 4: FIRST AID MEASURES

 +91 8937003005

 www.rvorganica.com

 info@rvorganica.com

 Opp. Sudhanshu Ashram, Nimbri, Panipat, Haryana 132104



# RV INTERNATIONAL

Essential Oils Manufacturer & Bulk Supplier in India

GST NO. 06BGIPG9360E1ZF

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

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

**Skin:** Remove contaminated clothing. Wash thoroughly with soap and plenty of water for at least 15 minutes. Seek medical attention if irritation, redness or allergic reaction persists.

**Ingestion:** Administer water or milk to dilute. Seek medical attention immediately or call a poison control center. Do not induce vomiting.

**Inhalation:** Move to fresh air immediately. Seek medical attention if symptoms such as dizziness or breathing difficulty persist.

## SECTION 5: FIRE AND EXPLOSION DATA

**Flash Point (Method Used):** >40°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 upon combustion. Cool containers exposed to flame with water. Spray extinguishing media directly into base of fire. Elemi is more flammable than many other essential oils — exercise greater caution.

**Unusual Fire & Explosion Hazards:** Higher flammability risk due to significant monoterpene content. Keep away from all ignition sources.

**Hazardous Decomposition Materials:** Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and irritating organic vapours may form upon combustion

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Protection:** Avoid ingestion and skin/eye contact. Follow good industrial hygiene practices. Wear eye protection, chemical-resistant gloves and aprons. Eliminate ALL ignition sources immediately. Ventilate area well.

**Methods for Cleaning Up:** Eliminate all sources of ignition immediately. Ventilate area thoroughly. Prevent liquid from entering sewers or waterways.


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

## SECTION 7: HANDLING AND STORAGE

**Safe Handling:** Avoid skin and eye contact. Always dilute before topical use. Follow good industrial hygiene practices. Use in well-ventilated areas. Keep away from heat, sparks, open flames and static electricity. Keep containers tightly sealed when not in use. Exercise greater caution due to lower flash point compared to other essential oils.

**Storage Requirements:** Store in a cool (below 25°C), dry, dark, well-ventilated place in tightly sealed aluminium or amber glass containers. Protect from direct sunlight, heat and air oxidation — oxidised monoterpenes increase sensitization risk. Shelf life: 24 months from manufacture.

## SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

 +91 8937003005

 [www.rvorganica.com](http://www.rvorganica.com)

 [info@rvorganica.com](mailto:info@rvorganica.com)

 Opp. Sudhanshu Ashram, Nimbri, Panipat, Haryana 132104



# RV INTERNATIONAL

Essential Oils Manufacturer & Bulk Supplier in India

GST NO. 06BGIPG9360E1ZF

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

**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.
- 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:** Avoid casual breathing of concentrated vapours. Use approved respirator with organic vapour cartridge if ventilation is inadequate.

**Ventilation:** Local, mechanical exhaust strongly recommended due to lower flash point

**Eye:** Wear chemical-splash resistant safety goggles

**Skin:** Wear chemical resistant gloves (nitrile/neoprene) and protective clothing to avoid skin contact

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid, Oil

**Color:** Clear to Pale Yellow

**Odor:** Fresh, Citrusy, Spicy, Balsamic, Resinous — Similar to Frankincense with Lemony-Pepper Nuances

**Vapor Pressure (mmHg.):** Not available

**Flash Point:** >40°C (Closed Cup)

**Boiling Point:** Not available

**Melting Point:** NA

**Density @25°C:** 0.855

**Refractive Index @25°C:** 1.474

**Solubility in Water:** Practically insoluble in water; miscible with alcohol and fixed oils

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** This material is stable under normal conditions. High in monoterpenes — sensitive to light, heat and air oxidation. Always reseal tightly after use.

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

**Conditions to Avoid:** Avoid contact with sparks, flame, heat, static and direct sunlight. Oxidation of monoterpenes (limonene, alpha-Pinene) significantly increases sensitization potential.

**Hazardous Decomposition By-products:** Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and irritating organic vapours may form during combustion.


**Hazardous Polymerization:** Will Not Occur


## SECTION 11: TOXICOLOGICAL INFORMATION

**CAUTION:** Contains limonene and alpha-Pinene — significant sensitizers when oxidised. Lower flash point than most essential oils — handle away from all ignition sources. Use only in recommended

 +91 8937003005

 [www.rvorganica.com](http://www.rvorganica.com)

 [info@rvorganica.com](mailto:info@rvorganica.com)

 Opp. Sudhanshu Ashram, Nimbri, Panipat, Haryana 132104



# RV INTERNATIONAL

Essential Oils Manufacturer & Bulk Supplier in India

GST NO. 06BGIPG9360E1ZF

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

## dilutions.

**Irritancy:** Mild skin and eye irritation upon direct undiluted contact

**Sensitization:** May cause allergic skin reaction in sensitized individuals. Limonene and alpha-Pinene are well-known sensitizers, especially in oxidised form. Always use fresh, properly stored oil.

**Health Hazards (Acute & Chronic):** Ingestion of large quantities: Harmful. Generally considered safe at normal recommended dilution levels in cosmetic, perfumery and aromatherapy applications.

**Harmful Contact:** Mild Irritant

**Eye Contact:** Mild Irritant

Note: The above effects are based on evaluation of individual components. Elemi essential oil is valued in natural perfumery, skincare and aromatherapy for its fresh, resinous character. At recommended dilutions it is generally well-tolerated. Its higher monoterpene content means it oxidises faster than many oils — always store correctly and use within shelf life.

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** May be harmful to aquatic life with long lasting effects. Avoid release into the environment.

**Persistence:** Biodegradable under aerobic conditions.

**Bioaccumulation:** Low potential for bioaccumulation.

## SECTION 13: DISPOSAL CONSIDERATION

**Waste Disposal Methods:** Dispose of according to local, state and federal regulations. Do not dispose via sewage drains. Incinerate in approved facility. Exercise fire safety precautions during disposal due to flammability.

## SECTION 14: OTHER REGULATORY INFORMATION

**CAS NO:** 8023-89-0

**Hazards:** Flammable Liquid (lower flash point); Mild Skin Irritant; Eye Irritant; Sensitizer

**Risk Phrases:** Flammable liquid — flash point >40°C. Mildly irritating to eyes and skin if used undiluted. May cause sensitization by skin contact due to limonene and alpha-Pinene content, especially in oxidised form. May be harmful to aquatic organisms.

**Safety Phrases:** Avoid contact with eyes and skin. Always dilute before topical application. Keep away from heat, sparks and open flames. In case of contact with eyes, rinse immediately with a steady stream of water and seek medical advice. Store tightly sealed in amber glass or aluminium away from light and heat. Keep out of reach of children.


**IFRA Compliance:** Use in compliance with current IFRA guidelines for respective product category.

**REACH:** Compliant with EU REACH Regulation (EC) No. 1907/2006.

## 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.

 +91 8937003005

 [www.rvorganica.com](http://www.rvorganica.com)

 [info@rvorganica.com](mailto:info@rvorganica.com)

 Opp. Sudhanshu Ashram, Nimbri, Panipat, Haryana 132104