



# 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:** PETITGRAIN ESSENTIAL OIL

**BOTANICAL NAME:** Citrus aurantium var. amara

**SYNONYMS:** Petitgrain Bigarade Oil, Petitgrain Paraguay Oil, Bitter Orange Leaf Oil

**PART OF PLANT USED:** Leaves and Twigs of the Bitter Orange Tree (Citrus aurantium var. amara)

**MOLECULAR FORMULA:** NOT APPLICABLE

**MOLECULAR WEIGHT:** NOT APPLICABLE

**CAS No.:** 8014-17-3

### 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
PETITGRAIN ESSENTIAL OIL	8014-17-3	Flammable Liquid; Mild Skin/Eye Irritant; Mild Sensitizer (Linalool, Geraniol, Linalyl Acetate)

**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:** May cause mild eye irritation upon direct undiluted contact.

**Skin Contact:** May cause mild skin irritation in sensitive individuals. Contains linalool, geraniol and linalyl acetate — mild potential sensitizers. Generally very well tolerated at recommended dilutions.

**Inhalation:** Generally very well tolerated at normal use levels. High concentrations may cause mild headache. Move to fresh air if any irritation occurs.

**Ingestion:** Rinse out mouth and drink plenty of water. Seek medical attention if large quantities ingested.

### SECTION 4: FIRST AID MEASURES

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

**Skin:** Remove contaminated clothing. Wash thoroughly with soap and plenty of water. Seek medical attention if irritation persists.

**Ingestion:** Administer water or milk to dilute. Seek medical attention immediately. Do not induce vomiting.

**Inhalation:** Move to fresh air immediately. Seek medical attention if symptoms persist.

### SECTION 5: FIRE AND EXPLOSION DATA

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**Flash Point (Method Used):** >60°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 with water.

**Unusual Fire & Explosion Hazards:** Not established

**Hazardous Decomposition Materials:** CO, CO<sub>2</sub> and irritating organic vapours may form upon combustion

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Protection:** Wear eye protection, chemical-resistant gloves and aprons. Eliminate all ignition sources. Ventilate area well.

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

## SECTION 7: HANDLING AND STORAGE

**Safe Handling:** Avoid skin and eye contact. Always dilute before topical use. Use in well-ventilated areas. Keep away from heat, sparks and open flames. Keep containers tightly sealed.

**Storage Requirements:** Store in a cool (below 25°C), dry, dark, well-ventilated place in tightly sealed aluminium or amber glass containers. Shelf life: 24 months from manufacture.

## 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.
- 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. Natural ventilation generally sufficient.

**Ventilation:** Local, mechanical exhaust recommended for prolonged handling

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

**Skin:** Wear chemical resistant gloves (nitrile/neoprene) and protective clothing

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid, Oil

**Color:** Clear to Pale Yellow

**Odor:** Fresh, Woody, Floral, Green, Slightly Citrusy — Clean and Uplifting Petitgrain Character

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

**Flash Point:** >60°C (Closed Cup)

**Boiling Point:** Not available

**Melting Point:** NA

**Density @25°C:** 0.878



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**Refractive Index @25°C:** 1.457

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

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions. Sensitive to light and air — reseal tightly after each use.

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

**Conditions to Avoid:** Avoid sparks, flame, heat and direct sunlight. Oxidation of linalool increases sensitization potential.

**Hazardous Decomposition By-products:** CO, CO<sub>2</sub> and irritating organic vapours may form during combustion.

**Hazardous Polymerization:** Will Not Occur

## SECTION 11: TOXICOLOGICAL INFORMATION

**CAUTION:** Contains linalool, geraniol and linalyl acetate — EU-listed fragrance allergens. Use within IFRA recommended limits. Non-phototoxic — safe for daytime skin use when properly diluted.

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

**Sensitization:** May cause mild allergic skin reaction in sensitized individuals. Linalool and geraniol are EU-listed allergens — declare on finished product labels above threshold concentrations.

**Health Hazards (Acute & Chronic):** Ingestion of large quantities: Harmful. Generally considered one of the safest essential oils — excellent skin tolerance at recommended dilutions.

**Harmful Contact:** Mild Irritant

**Eye Contact:** Mild Irritant

**Phototoxicity:** NOT phototoxic — no furanocoumarins or psoralens present. Safe for daytime cosmetic applications.

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** May be mildly harmful to aquatic life. Avoid unnecessary 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.

## SECTION 14: OTHER REGULATORY INFORMATION

**CAS NO:** 8014-17-3

**Hazards:** Flammable Liquid; Mild Skin Irritant; Eye Irritant; Mild Sensitizer (Linalool, Geraniol, Linalyl Acetate)

**Risk Phrases:** Mildly irritating to eyes and skin if used undiluted. May cause mild sensitization by skin contact. Not phototoxic. May be mildly harmful to aquatic organisms.

**Safety Phrases:** Avoid contact with eyes and skin. Always dilute before topical application. In case of eye contact, rinse with water. Store in amber glass or aluminium away from light and heat. Keep out of reach of children.

**EU Cosmetics Regulation:** Linalool and Geraniol are listed allergens under EU Regulation No. 1223/2009 — declare on finished product label above threshold (0.001% leave-on / 0.01% rinse-off).

**Phototoxicity Status:** NON-PHOTOTOXIC — no furanocoumarins present. Safe for daytime cosmetic applications.

**IFRA Compliance:** Use in compliance with current IFRA guidelines. Petitgrain has broad IFRA approval across all product categories.



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**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.



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