



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: PERU BALSAM ESSENTIAL OIL

BOTANICAL NAME: Myroxylon balsamum var. pereirae (syn. Myroxylon pereirae)

COMMON NAMES: Balsam of Peru Oil / Indian Balsam Oil / Black Balsam Oil / Peruvian Balsam Oil

MOLECULAR FORMULA: NOT APPLICABLE

MOLECULAR WEIGHT: NOT APPLICABLE

CAS No.: 8007-00-9

FEMA No.: 2117

■ **SENSITIZATION WARNING:** Peru Balsam is one of the most well-documented contact allergens in the world. It is used as a STANDARD PATCH TEST ALLERGEN in dermatological allergy testing. Patch test is ESSENTIAL before any skin use.

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
PERU BALSAM ESSENTIAL OIL (Myroxylon balsamum var. pereirae)	8007-00-9	Known sensitizer — patch test essential

HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE — HOWEVER IS A WELL-DOCUMENTED CONTACT ALLERGEN AND SENSITIZER. PATCH TEST IS MANDATORY.

*PERSONAL CARE, COSMETIC & AROMATHERAPY PURPOSE. Peru Balsam essential oil is steam distilled from the crude balsam resin exuded from the trunk of Myroxylon balsamum var. pereirae — a tree native to Central America (El Salvador) and widely cultivated. Despite the name, it does not originate from Peru. Rich in benzyl benzoate, benzyl cinnamate, cinnamic acid, and benzoic acid, it has a beautifully sweet, warm, vanilla-balsamic, cinnamon-like aroma. It is a well-established fixative and base note in perfumery. However, Peru Balsam is also one of the most potent contact sensitizers known — it is the standard reference allergen (TRUE Test) used in clinical patch testing worldwide.

SECTION 3: HAZARD IDENTIFICATION

■ **PERU BALSAM IS A WELL-DOCUMENTED CONTACT ALLERGEN. IT IS THE STANDARD REFERENCE SENSITIZER USED IN CLINICAL PATCH TESTING. PATCH TEST IS MANDATORY BEFORE ANY SKIN USE.**

Eye Contact: May cause moderate irritation upon direct contact



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Skin Contact: KNOWN SENSITIZER — may cause allergic contact dermatitis; always dilute and patch test before any skin application

Inhalation: Sensitized individuals may experience respiratory reactions — use in well-ventilated areas

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: Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if allergic reaction (redness, rash, swelling) develops.

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

Inhalation: Remove to fresh air. Seek medical attention if respiratory symptoms develop in sensitized individuals.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point (Method Used): >104°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 — high flash point

Hazardous Decomposition Materials: Benzoic acid, cinnamic acid, and benzaldehyde derivatives may form on combustion

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Methods for Cleaning Up: Eliminate all sources of ignition. Oil may be viscous — warm water helps. Ventilate area. Prevent liquid from entering sewers.

- Small spills: wipe up with paper rags or alcohol-soaked cloth (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. PATCH TEST IS MANDATORY before any skin application. Always dilute before use. Wear gloves when handling. Sensitized individuals should avoid all contact.

Storage Requirements: Store in a cool, dark, dry, well-ventilated area. Keep tightly sealed. Temperature below 25°C.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Threshold Limit Value: Not established; classified as a standard patch test allergen (TRUE Test panel)

Work Practice Controls: Strict personal hygiene protocols. Gloves mandatory for handling.

- Wear chemical resistant gloves whenever handling — even diluted Peru Balsam can cause reactions in sensitized individuals
- Individuals with known Peru Balsam sensitivity must avoid all contact
- Wash hands thoroughly after any handling

Respiratory: Use in well-ventilated areas — sensitized individuals may react to vapors

Ventilation: Local ventilation recommended



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Eye: Wear chemical goggles or safety glasses

Skin: Chemical resistant gloves mandatory

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Color: Pale Yellow to Golden

Odor: Characteristic sweet, vanilla-balsamic, warm, cinnamon-like Peru Balsam scent

Vapor Pressure (mmHg.): Not available

Flash Point: >104°C (Closed Cup) — high flash point

Boiling Point: Not available

Melting Point: May thicken at cooler temperatures — warm gently to restore flow

Density @25°C: 1.148

Refractive Index @25°C: 1.568

Solubility in Water: Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions; resinous — 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 air exposure.

Hazardous Decomposition By-products: Benzoic acid, cinnamic acid, benzaldehyde on combustion.

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

■ **PERU BALSAM IS THE STANDARD REFERENCE CONTACT ALLERGEN IN CLINICAL DERMATOLOGY (TRUE TEST). IT IS ONE OF THE MOST COMMON CAUSES OF ALLERGIC CONTACT DERMATITIS FROM NATURAL FRAGRANCE MATERIALS. PATCH TEST MANDATORY.**

Sensitization Status: STANDARD PATCH TEST ALLERGEN (TRUE Test, European Baseline Series) — one of the top 10 most common contact allergens

Primary Sensitizing Components: Benzyl benzoate, Benzyl cinnamate, Cinnamic acid, Cinnamic alcohol, Benzyl alcohol, Farnesol

Cross-Reactivity: Cross-reacts with: Tolu Balsam, cinnamon, clove, vanilla, propolis, fragrance mixes, many other balsams and resins

Contraindications: CONTRAINDICATED for individuals with known Peru Balsam, cinnamon, clove, or fragrance mix allergies. Pregnancy — use with caution. Children — use with caution.

■ **CRITICAL NOTE:** Peru Balsam is the single most important contact allergen standard in clinical patch testing. Individuals who react to Peru Balsam in allergy testing should avoid this oil entirely, as well as a wide range of cross-reactive substances. Always perform a thorough patch test before first use. Once sensitized, reactions may occur to increasingly low concentrations.

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.



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SECTION 14: OTHER REGULATORY INFORMATION

CAS NO: 8007-00-9

FEMA No.: 2117

Regulatory Status: Standard patch test allergen in European Baseline Series and TRUE Test panel for clinical dermatology

Cross-Reactivity: Tolu Balsam, cinnamon, clove, vanilla, propolis, fragrance mix, benzyl compounds

IFRA Status: Subject to IFRA guidelines on usage levels in leave-on and rinse-off cosmetics

Hazards: STANDARD CONTACT ALLERGEN; sensitizer; viscous

Risk Phrases: Known contact allergen — standard patch test reference material. May cause allergic contact dermatitis. Cross-reacts with many natural balsams and fragrances.

Safety Phrases: PATCH TEST MANDATORY before any skin use. Avoid use if sensitive to Peru Balsam or cross-reactive substances. Dilute before use. Wear gloves. Warm gently if thickened. Keep out of reach of children.

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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