



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: BLUE TANSY ESSENTIAL OIL

BOTANICAL NAME: Tanacetum annuum

COMMON NAMES: Moroccan Blue Chamomile Oil / Annual Tansy Oil

MOLECULAR FORMULA: NOT APPLICABLE

MOLECULAR WEIGHT: NOT APPLICABLE

CAS No.: 90064-47-4

FEMA No.: NOT ASSIGNED

IMPORTANT DISTINCTION: Blue Tansy (Tanacetum annuum) must NOT be confused with Common Tansy (Tanacetum vulgare) — Common Tansy is highly toxic (contains thujone). Blue Tansy is thujone-free and is safe for cosmetic use at normal dilutions.

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
BLUE TANSY ESSENTIAL OIL (Tanacetum annuum)	90064-47-4	Not a hazardous substance

HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE.

*PERSONAL CARE, COSMETIC & AROMATHERAPY PURPOSE. Blue Tansy essential oil is steam distilled from the flowering tops of Tanacetum annuum — an annual plant native to Morocco. Its signature deep inky-blue colour comes from chamazulene — a sesquiterpene produced during steam distillation from the precursor matricine. Unlike Common Tansy (Tanacetum vulgare), Blue Tansy is completely free of thujone and is safe for cosmetic use. It is one of the most visually striking essential oils and is widely used in luxury skincare for its potent anti-inflammatory and calming properties.

SECTION 3: HAZARD IDENTIFICATION

Blue Tansy essential oil is considered low hazard under normal conditions of use.



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Eye Contact: May cause mild irritation upon direct contact; deep blue colour may temporarily stain

Skin Contact: Generally well-tolerated; deep blue colour can stain skin, fabric, and surfaces — use carefully

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. Note: deep blue colour may temporarily stain skin. 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): >62°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: Not established

Hazardous Decomposition Materials: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Avoid ingestion. Wear eye protection and gloves. Note: deep blue colour will stain surfaces, clothing, and skin. Ventilate area well.

Methods for Cleaning Up: Eliminate all sources of ignition. Ventilate area. Note: Blue Tansy will deeply stain fabrics, clothing, and porous surfaces. Prevent liquid from entering sewers.

- Small spills: wipe up immediately with paper rags — blue colour will stain (place in closed metal waste container)
- Large spills: absorb onto non-flammable absorbent. Wash area with soap and water. Be aware of staining.

SECTION 7: HANDLING AND STORAGE

Safe Handling: Avoid ingestion. Always dilute before skin application. IMPORTANT: Blue Tansy has an intensely deep blue colour from chamazulene — it will stain skin, fabrics, clothing, and surfaces on contact. Handle with care and use only on skin where temporary blue tinting is acceptable, or in formulations where the colour will be masked.



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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.
- Wear gloves when handling — deep blue colour will stain skin and nails
- Wash hands and face carefully after handling

Respiratory: Normal ventilation is adequate for typical use

Ventilation: Normal room ventilation is sufficient

Eye: Wear safety glasses — blue colour may temporarily stain conjunctiva

Skin: Gloves strongly recommended — chamazulene stains skin and nails blue

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid, Oil

Color: Deep Blue to Inky Blue (characteristic colour from chamazulene — will stain)

Odor: Characteristic sweet, herbal, camphoraceous, slightly fruity Blue Tansy scent

Vapor Pressure (mmHg.): Not available

Flash Point: >62°C (Closed Cup)

Boiling Point: Not available

Melting Point: NA

Density @25°C: 0.942

Refractive Index @25°C: 1.492

Solubility in Water: Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions; chamazulene may degrade on prolonged light or heat exposure, fading the blue colour

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 direct sunlight — may degrade chamazulene.

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

Hazardous Polymerization: Will Not Occur



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SECTION 11: TOXICOLOGICAL INFORMATION

Blue Tansy (Tanacetum annuum) is safe for topical cosmetic use when properly diluted. It is THUJONE-FREE — not to be confused with toxic Common Tansy (Tanacetum vulgare).

Irritancy: Low irritancy when diluted

Sensitization: May cause sensitization in sensitive individuals; Asteraceae family allergy note applies

Asteraceae Family: Blue Tansy belongs to the Asteraceae/Compositae family — individuals with ragweed, chrysanthemum, or daisy allergies should patch test

Thujone Status: THUJONE-FREE — safe in this regard (unlike Common Tansy)

Staining: Chamazulene will stain skin, nails, fabrics, and surfaces deep blue

Eye Contact: Mild irritant; may temporarily stain

Note: Blue Tansy is one of the most visually striking essential oils. Its deep blue colour is entirely natural from chamazulene. Always distinguish from Common Tansy (which is toxic). Patch test for Asteraceae allergy. Dilute before use.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Natural plant 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: 90064-47-4

Thujone Status: THUJONE-FREE — unlike Common Tansy (Tanacetum vulgare)

Hazards: Low hazard; deep blue chamazulene will stain

Asteraceae Family Note: Patch test for ragweed, chrysanthemum, or daisy allergies

Risk Phrases: Mildly irritating to eyes. Chamazulene stains skin, nails, and fabrics deep blue. Asteraceae family — patch test advised.

Safety Phrases: Wear gloves when handling. Dilute before use. Avoid fabric contact when wet. Patch test for Asteraceae allergy. Keep out of reach of children. Not recommended 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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