



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: DAVANA ESSENTIAL OIL

BOTANICAL NAME: Artemisia pallens

SYNONYMS: Davana Oil, Artemisia pallens Oil

MOLECULAR FORMULA: NOT APPLICABLE

MOLECULAR WEIGHT: NOT APPLICABLE

CAS No.: 8016-63-9

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
DAVANA ESSENTIAL OIL	8016-63-9	Flammable Liquid; Skin/Eye Irritant; Sensitizer (Davanone, Artemisia Ketone)

HAZARDOUS CLASSIFICATION: FLAMMABLE LIQUID; SKIN AND EYE IRRITANT.

*PERSONAL CARE, COSMETIC, PERFUMERY & FOOD FLAVOUR PURPOSE — USE AS PER IFRA & FEMA GUIDELINES.

SECTION 3: HAZARD IDENTIFICATION

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

Eye Contact: Causes eye irritation. Possible damage upon direct prolonged contact.

Skin Contact: May cause skin irritation and sensitization upon prolonged or repeated exposure. Contains artemisia ketone — use only in recommended dilutions.

Inhalation: High concentrations of vapour may cause headache, nausea 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 immediately if large quantities ingested.

SECTION 4: FIRST AID MEASURES

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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 sensitization 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. Administer oxygen if breathing difficulty occurs. Seek medical attention if symptoms persist.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point (Method Used): >75°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.

Unusual Fire & Explosion Hazards: Not established

Hazardous Decomposition Materials: Carbon monoxide (CO), carbon dioxide (CO₂) 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. Ventilate area well.

Methods for Cleaning Up: Eliminate all sources of ignition. 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 and open flames. Keep containers tightly sealed when not in use to prevent oxidation and vapour loss.

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 and air. 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.

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- 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 recommended

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: Dark Yellow to Amber Brown

Odor: Sweet, Fruity, Woody, Winey, Warm — Characteristic Davana Scent with Strawberry-like Undertones

Vapor Pressure (mmHg.): Not available

Flash Point: >75°C (Closed Cup)

Boiling Point: Not available

Melting Point: NA

Density @25°C: 0.994

Refractive Index @25°C: 1.488

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. Sensitive to light, heat and air — store in amber glass or aluminium and reseal tightly after each use.

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

Conditions to Avoid: Avoid contact with sparks, flame, heat and direct sunlight. Prolonged air exposure may alter composition and increase sensitization potential.

Hazardous Decomposition By-products: Carbon monoxide (CO), carbon dioxide (CO₂) and irritating organic vapours may form during combustion.

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

CAUTION: Contains davanone and artemisia-type ketones. Use only in recommended dilutions. Avoid use during pregnancy. Keep away from children.


Irritancy: Skin and eye irritation upon direct undiluted contact

Sensitization: May cause allergic skin reaction in sensitized individuals. Davanone and artemisia ketone are potential sensitizers at higher concentrations.

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Health Hazards (Acute & Chronic): Ingestion of large quantities: Harmful. Artemisia-type ketones may have neurotoxic potential at very high doses — avoid oral ingestion and use in pregnancy.

Harmful Contact: Irritant

Eye Contact: Irritant

Note: The above effects are based on evaluation of individual components. Davana oil is a premium, unique essential oil primarily used in perfumery and flavouring. At normal recommended use levels it is considered safe. Avoid use during pregnancy and nursing. Do not use on infants or young children without professional guidance.

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.

SECTION 14: OTHER REGULATORY INFORMATION

CAS NO: 8016-63-9

Hazards: Flammable Liquid; Skin Irritant; Eye Irritant; Sensitizer

Risk Phrases: Irritating to eyes and skin if used undiluted or in excessive amounts. May cause sensitization by skin contact due to davanone and artemisia ketone content. Avoid during pregnancy. Harmful to aquatic organisms.

Safety Phrases: Avoid contact with eyes and skin. Always dilute before topical use. Do not use during pregnancy or on infants. In case of contact with eyes, rinse immediately with a steady stream of water and seek medical advice. Keep tightly sealed away from light and heat. Keep out of reach of children.

FEMA Status: GRAS (Generally Recognized as Safe) for food flavouring — FEMA No. 2359

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.

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