



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: SAW PALMETTO ESSENTIAL OIL

BOTANICAL NAME: Serenoa repens (syn. Sabal serrulata)

COMMON NAMES: Saw Palmetto Berry Oil / Sabal Oil / American Dwarf Palm Oil

MOLECULAR FORMULA: NOT APPLICABLE (COMPLEX FATTY ACID MIXTURE)

MOLECULAR WEIGHT: NOT APPLICABLE

CAS No.: 68916-37-0

FEMA No.: NOT ASSIGNED

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
SAW PALMETTO ESSENTIAL OIL	68916-37-0	Not a hazardous substance

HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE.

*PERSONAL CARE & COSMETIC PURPOSE. Saw Palmetto essential oil is obtained via supercritical CO₂ extraction or cold pressing from the ripe berries of Serenoa repens — a small palm native to the southeastern United States. Note: Saw Palmetto is more commonly available as a CO₂ extract or fixed oil (lipid extract) rather than a steam-distilled essential oil. The essential oil captures the lipophilic fatty acid and phytosterol-rich profile of this renowned botanical.

SECTION 3: HAZARD IDENTIFICATION

Saw Palmetto essential oil is considered low hazard under normal conditions of use.

Eye Contact: May cause mild irritation upon direct contact

Skin Contact: Generally well-tolerated for topical use; may cause sensitization in rare individuals

Inhalation: No significant hazard under normal use conditions



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Ingestion: Not for internal consumption 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. 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): >185°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 — very high flash point

Hazardous Decomposition Materials: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Avoid ingestion. Wear eye protection and gloves. Ventilate area well.

Methods for Cleaning Up: Eliminate all sources of ignition. Ventilate area. Prevent liquid from entering sewers.

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

SECTION 7: HANDLING AND STORAGE

Safe Handling: Avoid ingestion. Standard cosmetic handling practices apply. Always dilute before skin application. Saw Palmetto oil has hormone-modulating properties — use with caution by individuals with hormone-sensitive conditions.

Storage Requirements: Store in a cool, dark, dry, well-ventilated area away from heat and direct sunlight. Keep tightly sealed. Refrigerate after opening to extend shelf life. 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.



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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: Normal ventilation is adequate for typical use

Ventilation: Normal room ventilation is sufficient

Eye: Wear safety glasses for industrial handling

Skin: Gloves recommended for industrial handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid, Oil (may become semi-solid at cooler temperatures)

Color: Pale Yellow to Golden

Odor: Characteristic warm, waxy, slightly fruity, mild Saw Palmetto scent

Vapor Pressure (mmHg.): Not available

Flash Point: >185°C (Closed Cup) — very high flash point

Boiling Point: Not available

Melting Point: May solidify below 10°C — warm gently to restore liquid state

Density @25°C: 0.908

Refractive Index @25°C: 1.462

Solubility in Water: Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions; refrigerate after opening to prevent oxidation

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 light exposure.

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

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

Saw Palmetto essential oil is generally considered safe for topical cosmetic use when properly diluted.

Irritancy: Low irritancy when diluted

Sensitization: Rarely sensitizing; patch test recommended

Hormone Interaction: Saw Palmetto contains phytosterols and fatty acids that may have anti-androgenic properties — use with caution by individuals with hormone-sensitive conditions, during pregnancy, or while on hormone medications



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Health Hazards: Low acute toxicity at normal cosmetic usage levels

Eye Contact: Mild irritant

Note: Saw Palmetto is widely used in hair care products for its reputed DHT-blocking and scalp-nourishing properties. Always dilute before use. Due to potential hormone-modulating properties, consult a doctor before use during pregnancy or if on hormone medications.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Natural plant-derived oil — 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: 68916-37-0

Hazards: Low hazard — mild irritant

Hormone Note: Contains phytosterols with potential anti-androgenic activity — caution during pregnancy and with hormone medications

Risk Phrases: Mildly irritating to eyes in undiluted form. May modulate hormone activity. Conduct patch test before use.

Safety Phrases: Avoid contact with eyes. Dilute before use. Keep out of reach of children. Consult a doctor before use during pregnancy or if on hormone medication.

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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