MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1.1 — PRODUCT IDENTIFICATION

PRODUCT NAME: COCONUT MASSAGE OIL

CHEMICAL NAME: Fractionated Coconut Oil (Caprylic / Capric Triglyceride)

BOTANICAL NAME: Cocos nucifera

SYNONYMS: Fractionated Coconut Oil, Caprylic/Capric Triglyceride, MCT Oil, Liquid Coconut Oil, Coconut Carrier Oil

PRODUCT TYPE: 100% Pure Fractionated Coconut Carrier Oil — Ready-to-Use Massage & Skin Care Oil

MOLECULAR FORMULA: Complex mixture of Caprylic (C8) & Capric (C10) Triglycerides

MOLECULAR WEIGHT: Approximately 510–520 g/mol (mixed triglycerides)

CAS No.: 76950-67-9 (Caprylic/Capric Triglyceride); 8001-31-8 (Coconut Oil)

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
COCONUT MASSAGE OIL (Fractionated Coconut Oil)	76950-67-9 (Fractionated)	Not a hazardous substance. Mild eye irritant upon direct contact. Non-sensitizing.

HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE.

*PERSONAL CARE, COSMETIC, MASSAGE & AROMATHERAPY PURPOSE. SUITABLE AS CARRIER OIL FOR ESSENTIAL OIL DILUTION.

SECTION 3: HAZARD IDENTIFICATION

Fractionated Coconut Oil is not classified as a hazardous substance. It is a well-established, widely-used cosmetic and massage carrier oil with an excellent safety record.

Eye Contact: May cause mild, transient irritation if oil enters the eyes directly. Not intended for use in the eye area.

Skin Contact: Formulated for generous topical skin and body use. Exceptionally well tolerated — non-irritating, non-sensitizing for virtually all skin types. Suitable for sensitive skin.

Inhalation: Negligible vapour pressure at room temperature — no significant inhalation hazard under normal use conditions.

Ingestion: Fractionated Coconut Oil / MCT Oil is used in food applications. However this product is intended for external use only. Seek medical attention if very large quantities ingested.

SECTION 4: FIRST AID MEASURES

Eyes: Flush gently with clean water for 10–15 minutes. Seek medical attention if irritation or discomfort persists.

Skin: No first aid normally required — product is intended for skin contact. If unexpected irritation occurs (very rare), wash area with soap and water.

Ingestion: FOR EXTERNAL USE ONLY. Rinse mouth with water. Seek medical attention if very large quantities of the massage oil product are ingested.

Inhalation: No significant inhalation hazard. Move to fresh air if any discomfort occurs.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point: >200°C (Not readily flammable under normal conditions)

Auto-Ignition Temperature: >300°C

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam, Water Spray

Unsuitable Media: High pressure water jet directly on burning oil

Special Firefighting Procedures: Self-contained breathing apparatus for large fires. Toxic fumes may be released upon combustion.

Unusual Fire & Explosion Hazards: Not a significant fire hazard under normal storage and use conditions. Combustible at very high temperatures only.

Hazardous Decomposition Materials: CO, CO2 and irritating organic vapours may form at very high combustion temperatures

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear gloves — spilled oil creates slipping hazard on hard floors. Eye protection for large spills.

Methods for Cleaning Up: Absorb with paper towels, sand or inert absorbent material. Place in closed waste container. Wash area with warm water and soap or detergent to remove oily residue — surfaces will be very slippery. Prevent large quantities from entering drains or waterways.

SECTION 7: HANDLING AND STORAGE

Safe Handling: For external skin, body and massage use. Suitable as carrier oil for diluting essential oils. Avoid contact with eyes. Keep containers tightly sealed when not in use. Exercise caution — spilled oil creates significant slipping hazard on hard floor surfaces. Keep away from open flames at elevated temperatures.

Storage Requirements: Store in a cool (below 30°C), dry, dark, well-ventilated place in original tightly sealed container. Unlike regular coconut oil, fractionated coconut oil remains liquid at room temperature and does not solidify. Protect from prolonged direct sunlight. Shelf life: 24 months from manufacture. Does not require refrigeration — excellent oxidative stability.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Threshold Limit Value: Not established — not classified as a hazardous substance

Consumer Use: Finished, ready-to-use cosmetic carrier oil. Use as directed. No special PPE required for normal use.

Industrial Handling: Wear nitrile gloves (to prevent slipping hazard and contamination) and safety glasses when handling bulk quantities.

Respiratory: No respiratory protection required under normal use or industrial handling conditions.

Eye: No eye protection required for consumer use. Safety glasses for bulk handling.

Skin: Formulated for skin contact. No special skin protection required for consumer use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid, Oil — clear and water-thin (unlike regular coconut oil)

Color: Clear, Colourless to Pale Yellow

Odor: Practically Odourless — very faint, mild, neutral coconut scent

Vapor Pressure (mmHg.): Negligible — essentially non-volatile at room temperature

Flash Point: >200°C

Boiling Point: >300°C (decomposes)

Melting Point / Pour Point: Remains liquid down to approximately -10°C (advantage over regular coconut oil)

Density @25°C: 0.945

Refractive Index @25°C: 1.449

Solubility in Water: Practically insoluble in water; miscible with fixed oils, alcohols and most organic solvents

Viscosity: Very low — thin, water-like texture — absorbs quickly into skin without greasy residue

Fatty Acid Profile: Caprylic Acid (C8): 50–65%; Capric Acid (C10): 30–45%; trace lauric and other fatty acids

SECTION 10: STABILITY AND REACTIVITY

Stability: Exceptionally stable — one of the most oxidatively stable carrier oils due to its high saturated fatty acid content and absence of polyunsaturated fats. Does not go rancid easily. Stable at room temperature and does not solidify.

Incompatibility: Avoid contact with strong oxidizing agents and strong acids or alkalis. Compatible with most cosmetic ingredients.

Conditions to Avoid: Very high temperatures (>200°C) and prolonged direct UV light exposure. Avoid contamination of the bulk container.

Hazardous Decomposition: CO, CO2 and irritating organic compounds may form at very high combustion temperatures only.

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

Fractionated Coconut Oil (Caprylic/Capric Triglyceride) has one of the best safety profiles of any cosmetic ingredient. It is widely used in pharmaceutical, food and cosmetic applications globally and has a long history of safe use.

Irritancy: Non-irritating — one of the least irritating carrier oils available. Suitable for all skin types including sensitive, baby and eczema-prone skin.

Sensitization: Non-sensitizing — no known sensitization cases reported at normal use concentrations. Does not contain significant allergens.

Comedogenicity: Low comedogenic rating (0–1/5) — one of the least comedogenic carrier oils. Suitable for oily and acne-prone skin.

Health Hazards: External use: Excellent safety profile. One of the safest and most universally tolerated cosmetic ingredients available. Oral use (as MCT oil): GRAS for food use. However this product is intended for external use only.

Harmful Contact: Not a skin or eye irritant at normal use concentrations

Eye Contact: Mild, transient irritant only if oil enters eyes directly

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Not expected to be harmful to aquatic life. Biodegradable.

Persistence: Readily biodegradable under aerobic conditions.

Bioaccumulation: Negligible potential for bioaccumulation.

SECTION 13: DISPOSAL CONSIDERATION

Waste Disposal Methods: Dispose of according to local regulations. Small quantities may be disposed of with household waste. Do not pour large quantities down drains — oil may cause plumbing issues. Consider composting or biofuel use for large quantities.

SECTION 14: OTHER REGULATORY INFORMATION

Product Category: Cosmetic Carrier Oil — Massage & Skin Care (Pure Fractionated Coconut Oil)

Regulatory Status: Caprylic/Capric Triglyceride is an approved cosmetic ingredient listed in the EU CosIng database. GRAS status for food use (FDA, USA). Approved globally as a pharmaceutical excipient and cosmetic ingredient.

CAS NO.: 76950-67-9 (Caprylic/Capric Triglyceride); 8001-31-8 (Coconut Oil)

Hazards: Not classified as hazardous. Mild eye irritant upon direct contact only.

EU Cosmetics Regulation: No allergen declaration required. Caprylic/Capric Triglyceride is a permitted, widely used cosmetic ingredient under EU Regulation No. 1223/2009. INCI name: CAPRYLIC/CAPRIC TRIGLYCERIDE.

Safety Phrases: For external use only. Avoid eye area. Keep out of reach of children. Caution — spilled oil creates slipping hazard. Store tightly sealed in a cool, dark place.

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.