



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: TANGERINE ESSENTIAL OIL
BOTANICAL NAME: Citrus tangerina / Citrus reticulata var. tangerina
COMMON NAMES: Tangerine Oil / Dancy Tangerine Oil
MOLECULAR FORMULA: NOT APPLICABLE
MOLECULAR WEIGHT: NOT APPLICABLE
CAS No.: 8016-85-1
FEMA No.: 3008

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
TANGERINE ESSENTIAL OIL	8016-85-1	Not a hazardous substance

HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE.

*PERSONAL CARE, COSMETIC & AROMATHERAPY PURPOSE. Tangerine essential oil is cold-pressed from the outer peel of Citrus tangerina fruit. Similar to mandarin but with a slightly sweeter, juicier, more candy-like citrus aroma. It is one of the safest and most uplifting citrus oils — popular in children's products, blends for emotional wellness, and skincare formulations.

SECTION 3: HAZARD IDENTIFICATION

Tangerine essential oil is considered low hazard — one of the safest citrus essential oils for topical use.

Eye Contact: May cause mild irritation upon direct contact

Skin Contact: Generally very well-tolerated; phototoxic — avoid sun exposure after topical application

Inhalation: No significant hazard under normal use conditions

Ingestion: Not for internal consumption as a cosmetic product



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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): >40°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: Low flash point — keep away from all heat sources and open flame

Hazardous Decomposition Materials: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Avoid ingestion. Wear eye protection and gloves. Ventilate area well. Eliminate all ignition sources.

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. Always dilute before skin application. Keep away from heat and open flame — low flash point. IMPORTANT: Avoid direct sun or UV exposure on skin for 12–18 hours after topical application — phototoxicity risk.

Storage Requirements: Store in a cool, dark, dry, well-ventilated area. Keep away from all heat sources and direct sunlight. Keep tightly sealed. Citrus oils oxidise relatively quickly — use within 1–2 years of opening.

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

Color: Orange to Deep Orange

Odor: Characteristic sweet, citrusy, tangy, juicy tangerine scent

Vapor Pressure (mmHg.): Not available

Flash Point: >40°C (Closed Cup)

Boiling Point: Not available

Melting Point: NA

Density @25°C: 0.848

Refractive Index @25°C: 1.474

Solubility in Water: Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions; oxidises more quickly than most essential oils — store correctly and use within shelf life

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.

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

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

Tangerine essential oil is one of the safest citrus oils — widely used in children's products and considered safe during pregnancy when diluted.

Irritancy: Very mild — minimal irritancy when diluted

Sensitization: Rarely sensitizing

Phototoxicity: CAUTION — cold-pressed citrus oils may contain furanocoumarins; avoid direct sun or UV exposure for 12–18 hours after topical application



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Health Hazards: Low acute toxicity at normal usage levels

Eye Contact: Mild irritant

Note: Tangerine oil is among the safest essential oils for children and pregnancy (second/third trimester). Always dilute appropriately. Avoid sun/UV exposure after topical use. Conduct a patch test before use on sensitive skin.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: May be mildly toxic to aquatic life — dispose of responsibly.

SECTION 13: DISPOSAL CONSIDERATION

Waste Disposal Methods: Dispose of according to local, state and federal regulations.

SECTION 14: OTHER REGULATORY INFORMATION

CAS NO: 8016-85-1

FEMA No.: 3008

Hazards: Phototoxic — avoid sun/UV exposure after topical use

Risk Phrases: Mildly irritating to eyes in undiluted form. Phototoxic — avoid sun/UV exposure 12–18 hours after topical application. Low flash point — keep away from ignition sources.

Safety Phrases: Avoid direct sun exposure after application to skin. Dilute before use. Keep away from heat and open flame. 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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