



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: YELLOW MANDARIN ESSENTIAL OIL

BOTANICAL NAME: Citrus reticulata

VARIETY NOTE: Yellow Mandarin — cold-pressed from fully ripe yellow-stage mandarin peel; sweeter and more floral than green mandarin

MOLECULAR FORMULA: NOT APPLICABLE

MOLECULAR WEIGHT: NOT APPLICABLE

CAS No.: 8008-31-9

FEMA No.: 2657

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
YELLOW MANDARIN ESSENTIAL OIL	8008-31-9	Not a hazardous substance

HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE.

*PERSONAL CARE, COSMETIC & AROMATHERAPY PURPOSE. Yellow Mandarin essential oil is cold-pressed from the outer peel of fully ripe Citrus reticulata fruits at the yellow stage of maturity. Yellow Mandarin is harvested later than green or red mandarin, resulting in a sweeter, more floral, and slightly softer aroma profile compared to green mandarin. It is one of the most popular and widely used citrus essential oils in aromatherapy and natural perfumery.

SECTION 3: HAZARD IDENTIFICATION

Yellow Mandarin essential oil is considered low hazard — one of the safest essential oils for all ages.

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



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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): >38°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: Phototoxic — avoid direct sun or UV exposure on skin for 12–18 hours after topical application.

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

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: Yellow to Bright Yellow

Odor: Characteristic sweet, zesty, citrusy, fresh yellow mandarin scent

Vapor Pressure (mmHg.): Not available

Flash Point: >38°C (Closed Cup)

Boiling Point: Not available

Melting Point: NA

Density @25°C: 0.850

Refractive Index @25°C: 1.472

Solubility in Water: Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions; citrus oils oxidise more quickly than most — 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

Yellow Mandarin essential oil is one of the safest and most gentle essential oils — widely suitable for children, elderly, and pregnancy when properly diluted.

Irritancy: Very mild — minimal irritancy when diluted

Sensitization: Rarely sensitizing

Phototoxicity: CAUTION — cold-pressed citrus peel 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: Yellow Mandarin oil is among the very safest essential oils for all ages. 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: 8008-31-9

FEMA No.: 2657

Variety: Yellow Mandarin — fully ripe stage; sweeter & more floral than green mandarin

Hazards: Phototoxic — avoid sun/UV exposure after topical use; low flash point

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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