



# 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:** NEROLI ESSENTIAL OIL

**BOTANICAL NAME:** Citrus aurantium var. amara (Bitter Orange) — Flowers

**COMMON NAMES:** Orange Blossom Oil / Neroli Bigarade Oil / Fleur d'Oranger Oil

**MOLECULAR FORMULA:** NOT APPLICABLE

**MOLECULAR WEIGHT:** NOT APPLICABLE

**CAS No.:** 8016-38-4

**FEMA No.:** 2771

**DISTINCTION:** Neroli is steam distilled from the fresh flowers of the bitter orange tree (Citrus aurantium var. amara). It is distinct from Petitgrain (distilled from leaves/twigs) and Bitter Orange oil (cold-pressed from peel). Named after Princess Marie Anne de la Trémoille, Princess of Nerola (17th century).

### 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
NEROLI ESSENTIAL OIL (Orange Blossom)	8016-38-4	Not a hazardous substance

#### HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE.

\*PERSONAL CARE, COSMETIC & AROMATHERAPY PURPOSE. Neroli essential oil is steam distilled from the delicate white flowers of Citrus aurantium var. amara (Bitter Orange). It is one of the most precious and costly floral essential oils in the world — each kilogram requires approximately 1,000 kg of hand-picked fresh flowers. Neroli has an exquisitely sweet, honeyed, fresh floral aroma with citrus and warm, slightly spicy undertones. Rich in linalool, linalyl acetate, limonene, nerolidol, and the signature neroli compound (E)- $\beta$ -Ocimene, it is prized as a top note and heart note in fine perfumery and luxury skincare.

### SECTION 3: HAZARD IDENTIFICATION

Neroli essential oil is considered low hazard — one of the safest and most gentle essential oils available.



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**Eye Contact:** May cause mild irritation upon direct contact

**Skin Contact:** Exceptionally well-tolerated — considered safe for all skin types including sensitive skin

**Inhalation:** No significant hazard under normal use conditions

**Ingestion:** NOT FOR INTERNAL USE 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):** >78°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:** Not established

**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. Neroli is extremely precious — use sparingly.

**Storage Requirements:** Store in a cool, dark, dry, well-ventilated area away from heat and direct sunlight. Keep tightly sealed. Neroli oxidises over time — store correctly and use within 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.



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- Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- 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:** Pale Yellow

**Odor:** Characteristic sweet, honeyed, fresh floral, orange blossom neroli scent

**Vapor Pressure (mmHg.):** Not available

**Flash Point:** >78°C (Closed Cup)

**Boiling Point:** Not available

**Melting Point:** NA

**Density @25°C:** 0.882

**Refractive Index @25°C:** 1.472

**Solubility in Water:** Insoluble

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal storage conditions; keep tightly sealed — neroli oxidises on prolonged air and light exposure

**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

**Neroli essential oil is one of the finest, safest, and most prized essential oils — suitable for virtually all skin types including sensitive skin.**

**Irritancy:** Extremely low irritancy — one of the gentlest floral essential oils

**Sensitization:** Very rarely sensitizing; patch test recommended for extremely sensitive individuals



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**Pregnancy & Children:** Generally considered safe for use during pregnancy (second/third trimester) when properly diluted; widely suitable for children when diluted

**Health Hazards:** Very low acute toxicity at normal cosmetic usage levels

**Eye Contact:** Mild irritant at most

Note: Neroli is one of the world's most exquisite and precious floral essential oils, produced from the flowers of the bitter orange tree. It is non-phototoxic (unlike cold-pressed bitter orange peel oil) and exceptionally safe. Use within shelf life as it oxidises over time. Always dilute before use.

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** Natural flower extract — biodegradable; very 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:** 8016-38-4

**FEMA No.:** 2771

**Phototoxicity:** NON-PHOTOTOXIC — unlike cold-pressed bitter orange peel oil; safe for daytime use

**Hazards:** Very low hazard — one of the safest essential oils

**Risk Phrases:** Mildly irritating to eyes in undiluted form. Very rarely sensitizing.

**Safety Phrases:** Avoid contact with eyes. Dilute before use. Keep out of reach of children. Use within shelf life.

## 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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