



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: ONION ESSENTIAL OIL

BOTANICAL NAME: Allium cepa

MOLECULAR FORMULA: NOT APPLICABLE

MOLECULAR WEIGHT: NOT APPLICABLE

CAS No.: 8002-72-0

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
ONION ESSENTIAL OIL	8002-72-0	Skin/Eye Irritant; Strong odour; Sulphur-bearing compounds

HAZARDOUS CLASSIFICATION: SKIN AND EYE IRRITANT.

*PERSONAL CARE, COSMETIC & FOOD FLAVOUR PURPOSE — USE AS PER APPLICABLE GUIDELINES.

SECTION 3: HAZARD IDENTIFICATION

The toxicological properties of this material have not been fully investigated.

Eye Contact: Causes lachrymation (tearing) and serious eye irritation. Irritation will occur with possible damage.

Skin Contact: May cause skin irritation upon prolonged or repeated exposure. Sulphur compounds may cause sensitization.

Inhalation: Strong sulphurous vapour — may cause irritation to respiratory tract. Move to fresh air immediately.


Ingestion: Rinse out mouth and drink plenty of water. Seek medical attention if large quantity ingested.

SECTION 4: FIRST AID MEASURES


Eyes: Flush immediately with plenty of water or eyewash solution for at least 15 minutes. Get immediate medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and plenty of water. Seek medical attention if irritation persists.

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Ingestion: Administer water or milk to dilute. Seek medical attention immediately or call a poison control center. Do not induce vomiting.

Inhalation: Move to fresh air. If breathing is difficult, administer oxygen. Seek medical attention if symptoms persist.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point (Method Used): >80°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. Toxic sulphurous vapors may be released. Cool containers exposed to flame with water.

Unusual Fire & Explosion Hazards: Sulphur-bearing decomposition products may be released. Not established.

Hazardous Decomposition Materials: Sulphur dioxide (SO₂) and other sulphurous compounds upon combustion

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Avoid skin, eye and respiratory contact. Wear appropriate PPE including eye protection, chemical-resistant gloves and aprons. Ensure strong ventilation. Keep upwind of spill.

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

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

SECTION 7: HANDLING AND STORAGE

Safe Handling: Avoid skin, eye and inhalation exposure. Always work in a well-ventilated area or fume hood. Wear appropriate PPE. Keep containers tightly sealed when not in use. Keep away from heat and open flames.

Storage Requirements: Store in a cool (below 25°C), dry, dark, well-ventilated place in tightly sealed aluminium or glass containers. Avoid plastic containers — sulphur compounds may react. Keep away from direct sunlight.

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.
- 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: Use approved respirator with organic vapour/sulphur cartridge if ventilation is inadequate. Avoid breathing vapours.

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Ventilation: Local, mechanical exhaust strongly recommended due to strong sulphurous odour

Eye: Wear chemical-splash resistant safety goggles

Skin: Wear chemical resistant gloves (nitrile/neoprene) and protective clothing to avoid skin contact

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid, Oil

Color: Pale Yellow to Amber

Odor: Very Strong, Pungent, Characteristic Onion/Sulphurous

Vapor Pressure (mmHg.): Not available

Flash Point: >80°C (Closed Cup)

Boiling Point: Not available

Melting Point: NA

Density @25°C: 1.058

Refractive Index @25°C: 1.502

Solubility in Water: Slightly soluble in water; soluble in alcohol and fixed oils

SECTION 10: STABILITY AND REACTIVITY

Stability: This material is stable under normal conditions. Sensitive to air and light — reseal tightly after use.

Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents, strong acids, and hot sources of ignition. Avoid contact with plastic containers.

Conditions to Avoid: Avoid contact with sparks, flame, heat, light and air. Oxidises on prolonged air exposure.

Hazardous Decomposition By-products: Sulphur dioxide (SO₂), hydrogen sulphide (H₂S) and other sulphurous compounds may form during combustion.

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

CAUTION: Liquid is a strong irritant to eyes and skin. Contains sulphur-bearing compounds. Use in well-diluted form only.

Irritancy: Causes skin and serious eye irritation (lachrymatory effect)

Sensitization: May cause allergic skin reaction in sensitized individuals


Health Hazards (Acute & Chronic): Ingestion of large quantities: Harmful. Inhalation of concentrated vapours may cause respiratory irritation.

Harmful Contact: Irritant


Eye Contact: Strong Irritant — lachrymatory


Note: The above effects are based on evaluation of individual components. Handling of this oil resulting in inhalation of strong sulphurous fumes may cause adverse health effects. Always handle in well-ventilated conditions.

SECTION 12: ECOLOGICAL INFORMATION

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Toxicity: May be harmful to aquatic life. Avoid release into the environment.

Persistence: Biodegradable under aerobic conditions.

Bioaccumulation: Low potential for bioaccumulation.

SECTION 13: DISPOSAL CONSIDERATION

Waste Disposal Methods: Dispose of according to local, state and federal regulations. Do not dispose via sewage drains. Incinerate in approved facility with sulphur emission controls.

SECTION 14: OTHER REGULATORY INFORMATION

CAS NO: 8002-72-0

Hazards: Skin Irritant, Eye Irritant, Strong Lachrymatory Agent

Risk Phrases: Irritating to eyes and skin. Strong sulphurous vapour may cause respiratory irritation. May cause sensitization by skin contact. May be harmful to aquatic organisms.

Safety Phrases: Avoid contact with eyes and skin. Use only in well-ventilated areas. In case of contact with eyes, rinse immediately with a steady stream of water and seek medical advice. Keep tightly sealed. Keep out of reach of children.

FEMA Status: GRAS (Generally Recognized as Safe) for food flavouring — FEMA No. 2760


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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