



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: WINTERGREEN ESSENTIAL OIL

BOTANICAL NAME: Gaultheria procumbens L.

MOLECULAR FORMULA: NOT APPLICABLE

MOLECULAR WEIGHT: NOT APPLICABLE

CAS No.: 90045-28-6

SECTION 1.2 — COMPANY IDENTIFICATION

Company Name: RV International

Address: Shiv Mandir, Ujha Rd, Opposite Sudhanshu Aashram, Nimbri, Panipat, Haryana 132104

Telephone: +91 9643115611

Email: info@rvorganica.com

Website: www.rvorganica.com

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	HAZARDOUS STATEMENT
WINTERGREEN ESSENTIAL OIL	90045-28-6	Not a hazardous substance
METHYL SALICYLATE (>98%)	119-36-8	Toxic in large quantities

HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE (FOR EXTERNAL USE).

WARNING: Contains >98% Methyl Salicylate. TOXIC if ingested. Keep away from children.

*PERSONAL CARE & COSMETIC / TOPICAL PURPOSE ONLY.

SECTION 3: HAZARD IDENTIFICATION

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

Eye Contact: Strong irritant — causes serious eye irritation. Flush immediately with copious water.

Skin Contact: May cause irritation, especially on broken or damaged skin. High methyl salicylate content may be absorbed through skin — avoid prolonged or large-area application. Must always be diluted before use.

Inhalation: Strong vapors — may cause irritation to respiratory tract, headache or nausea. Use only in well-ventilated areas. Avoid prolonged inhalation.

Ingestion: TOXIC — Methyl salicylate is highly toxic if swallowed. 1 mL is equivalent to approximately 1,400 mg of aspirin. DO NOT induce vomiting. Seek immediate emergency medical attention.

SECTION 4: FIRST AID MEASURES

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

Skin: Remove contaminated clothing immediately. Wash thoroughly with soap and flush with plenty of water. Seek medical attention if irritation persists or if large area exposed.



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Ingestion: EMERGENCY — Do NOT induce vomiting. Call emergency services or poison control center immediately. Administer activated charcoal if available and directed by medical personnel.

Inhalation: Remove to fresh air immediately. Provide oxygen if breathing is labored. Seek immediate medical attention.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point (Method Used): >100°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 vapors including methyl salicylate may be released. Cool containers exposed to flame with water.

Unusual Fire & Explosion Hazards: Not established

Hazardous Decomposition Materials: Combustion may produce carbon monoxide and salicylate decomposition products

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Avoid skin and eye contact. Wear chemical-resistant gloves, goggles and protective clothing. Ventilate area thoroughly.

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

- Small spills: absorb with inert dry material, place in sealed waste container
- Large spills: contain with sand or earth, absorb with non-combustible absorbent. Dispose per local regulations.

SECTION 7: HANDLING AND STORAGE

Safe Handling: ALWAYS dilute before topical application — maximum 2.4% in finished product as per IFRA guidelines. Avoid contact with eyes and mucous membranes. Keep away from children at all times. Do not use on broken or damaged skin. Avoid use during pregnancy.

Storage Requirements: Store in an area that is cool, dry, and well-ventilated. Do not expose to temperatures over 25°C. Keep tightly sealed in dark glass containers away from light, heat and ignition sources.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Threshold Limit Value: Methyl Salicylate: 5 ppm (TWA) — AIHA WEEL

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: Avoid breathing vapors. Use in well-ventilated areas. Respiratory protection recommended for prolonged industrial exposure.

Ventilation: Strong local, mechanical exhaust ventilation required

Eye: Wear chemical splash goggles

Skin: Wear chemical resistant nitrile gloves and full protective clothing to avoid skin contact



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Clear mobile liquid oil

Color: Colorless to Pale Yellow



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Odor: Characteristic strong, fresh, sweet wintergreen / minty medicinal fragrance — highly characteristic methyl salicylate odor

Vapor Pressure (mmHg.): 1 mmHg @ 54.8°C

Flash Point: >100°C (Closed Cup)

Boiling Point: 215 – 225°C

Melting Point: -8.6°C

Density @20°C: 1.176

Refractive Index @20°C: 1.536

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

SECTION 10: STABILITY AND REACTIVITY

Stability: This material is stable under normal conditions. Stable when stored correctly in sealed dark glass containers.

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

Conditions to Avoid: Avoid contact with sparks, flame, heat and direct light.

Hazardous Decomposition By-products: Carbon monoxide, carbon dioxide and salicylate compounds may be formed during combustion.

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

CAUTION: Contains >98% Methyl Salicylate — HIGHLY TOXIC if ingested. Must always be used diluted. Keep away from children.

Oral Toxicity: Methyl Salicylate LD50 (oral, rat): 887 mg/kg. As little as 4–5 mL can be fatal to a child. NEVER ingest.

Irritancy: Strong skin and eye irritant — must always be diluted before use

Sensitization: May cause salicylate sensitivity reactions in susceptible individuals — avoid use by people with aspirin allergy

Health Hazards (Acute & Chronic): Acute ingestion: life-threatening toxicity. Chronic dermal overexposure: salicylate absorption may cause systemic effects. Avoid during pregnancy. Not for use on children.

Harmful Contact: Strong Irritant / Systemic Toxin

Eye Contact: Strong Irritant

Note: 1 mL of Wintergreen Oil is equivalent to approximately 1,400 mg of aspirin. Salicylate poisoning is a medical emergency.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: Toxic to aquatic life with long lasting effects. Prevent release to the environment.

SECTION 13: DISPOSAL CONSIDERATION

Waste Disposal Methods: Dispose of according to local, state and federal regulations. Do not pour down drain or into waterways.

SECTION 14: OTHER REGULATORY INFORMATION



CAS NO: 90045-28-6 (Oil) | 119-36-8 (Methyl Salicylate)

EINECS NO: 289-888-0

Hazards: Toxic (if ingested) / Strong Irritant / Salicylate sensitizer



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Risk Phrases: Toxic if swallowed (H301). Causes serious eye irritation (H319). Causes skin irritation (H315). May cause an allergic skin reaction (H317). Toxic to aquatic organisms (H411). Harmful if absorbed through skin.

Safety Phrases: KEEP OUT OF REACH OF CHILDREN (P102). Do NOT induce vomiting (P331). Immediately call a POISON CONTROL CENTRE (P312). Wear protective gloves and eye protection. Always dilute before use on skin.

SECTION 15: REGULATORY INFORMATION

This product is listed by FEMA (No. 3113) as GRAS (Generally Recognized As Safe) for flavoring purposes. Due to high methyl salicylate content, maximum usage levels apply in cosmetic products as per IFRA and EU Cosmetic Regulations. Refer to local, national and international regulations for handling and disposal.



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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