Methyl Salicylate

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261
Chemtrec Emergency Phone Number: (800) 424-10007

Hazard class: Acute toxicity, oral (Category 4). Harmful if swallowed (H302). Do not eat, drink or smoke when using this product (P270).

Hazard class: Skin and serious eye damage, corrosion or irritation (Category 2, 2A). Causes skin and serious eye irritation (H315+H319).

Hazard class: Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3). May cause respiratory irritation (H335). Avoid breathing dust or fumes (P261).

SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS Number</th>
<th>Formula</th>
<th>Formula Weight</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl salicylate</td>
<td>119-36-8</td>
<td>C₈H₈O₃</td>
<td>152.15</td>
<td></td>
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<tr>
<td>Synonyms: Wintergreen oil; Methyl 2-hydroxybenzoate</td>
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</tbody>
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SECTION 4 — FIRST AID MEASURES

If exposed or concerned: Get medical advice or attention (P308+P313).
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). If eye irritation persists eyes: Get medical advice or attention (P337+P313).
If on skin: Rinse cautiously with water for several minutes (P351).
If swallowed: Rinse mouth. Call a POISON CENTER or physician if you feel unwell (P301+P330+P312).

SECTION 5 — FIRE FIGHTING MEASURES

Class IIIB combustible liquid.
Flash point: 96 °C Autoignition Temperature: 454 °C
When heated to decomposition, may emit toxic fumes.

NFPA Code
H-2
F-1
In case of fire: Use a tri-class dry chemical fire extinguisher.

SECTION 6 — ACCIDENTAL RELEASE MEASURES
Remove all ignition sources and ventilate area. Contain the spill with sand or other inert absorbent material and deposit in a sealed bag or container. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION
Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264). Use only in a hood or well-ventilated area (P271).

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES
Clear liquid. Odor of wintergreen. Boiling point: 223 °C
Soluble: Ethyl alcohol, acetic acid, and ether. Slightly in water. Melting point: -8 °C
Refractive index: 1.535
Specific gravity: 1.181
Vapor density: 5.26

SECTION 10 — STABILITY AND REACTIVITY
Keep away from heat and open flame. Incompatible with strong oxidizing agents and strong reducing bases. Hazardous carbon dioxide and carbon monoxide emitted when heated to decomposition. Shelf life: Indefinite, if stored properly.

SECTION 11 — TOXICOLOGICAL INFORMATION
Acute effects: Toxic, irritant to skin and eyes. ORL-RAT LD₅₀: 887 mg/kg
Chronic effects: N.A. IHL-RAT LC₅₀: N.A.
Target organs: N.A. SKN-RBT LD₅₀: N.A.

SECTION 12 — ECOLOGICAL INFORMATION
May be toxic to aquatic life.

SECTION 13 — DISPOSAL CONSIDERATIONS
Please review all federal, state and local regulations that may apply before proceeding. Flinn Suggested Disposal Method #18b is one option.

SECTION 14 — TRANSPORT INFORMATION
Shipping name: Liquid, N.O.S. Hazard class: N/A. UN number: 3082.

SECTION 15 — REGULATORY INFORMATION
TSCA-listed, EINECS-listed (204-317-7).

SECTION 16 — OTHER INFORMATION
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N.A. = Not available, not all health aspects of this substance have been fully investigated.
N/A = Not applicable

Consult your copy of the Flinn Science Catalog/Reference Manual for additional information about laboratory chemicals.

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