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Methyl Salicylate NF

DATE ISSUED: 01/17/00

SECTION I

PRODUCT IDENTIFICATION

Product Name: Methyl Salicylate NF

Trade Name: Synthetic Wintergreen Oil

FEMA No: 2745

CAS No.: 119-36-8

SECTION II

FIRE AND EXPLOSION DATA

Degree of Hazard

4 - Extreme	Flammability	1
3 - High	Health	3
2 - Moderate	Reactivity	0
1 - Slight		
0 - Insignificant		

DOT Hazard Class: Non-hazardous

Flash Point: Above 200°F Closed Cup

Special Firefighting Procedures: None

Unusual Fire & Explosion Hazards: None

Stability: Stable under normal conditions.

Conditions to Avoid: Avoid heat and flame.

Extinguishing Media: Carbon Dioxide, foam, and dry chemical.

Materials to Avoid: Avoid strong oxidizing agents.

Hazardous Polymerization Products: None

Hazardous Combustible or Decomposition Products: Burning liberates carbon monoxide, carbon dioxide and smoke.

SECTION III PHYSICAL DATA

Appearance & Odor: Colorless liquid with a wintergreen odor.

Boiling Point: 434°F

Specific Gravity: (H₂O = 1) 1.180 – 1.185

Melting Point: -9°F

Vapor Pressure (mmHg @ 20°C): NA

Solubility (H₂O₂): Insoluble

Vapor Density (air=1): NA

SECTION IV PROTECTION INFORMATION

Respiratory: Not usually required

Ventilation: Mechanical

Eye: Chemical goggles

Skin: Protective gloves

SECTION V OCCUPATIONAL EXPOSURE LIMIT

Threshold Exposure Limit (TLV): None established

OSHA Permissible Exposure Limit (PEL): None established

Carcinogenicity: NTP Yes (No) OSHA Yes (No) IARC Yes (No)

SECTION VI HEALTH HAZARD DATA

Health Hazard Determination: May be irritating to the skin and eyes.

Target Organ Effects: Repeated daily application of large amounts to the skin of rabbits has caused kidney damage. The effects in humans are unknown. Excessive exposure may result in similar effects. Repeated dosing orally and dermally of large amounts to rats has caused reproductive effects. The effects in humans are unknown. Excessive exposure may result in similar effects.

SECTION VII EMERGENCY AND FIRST AID PROCEDURES

Inhalation Exposure: Provide fresh air. If breathing is difficult, supplemental oxygen may be given from a demand -type or continuous -flow inhaler, preferably with physician's advice.

Eye Contact: Wash or irrigate with water at least 15 minutes. Obtain medical advice.

Skin Contact: Wash with soap and water. If irritation persists, obtain medical advice.

Ingestion: (Never give anything by mouth to an unconscious person). Rinse mouth with water; ingest milk; obtain medical advice.

SECTION VIII SPILL, LEAK AND DISPOSAL PROCEDURES

Precautions for Spill or Release: Remove sources of ignition. Absorb on absorbent material. Dispose in approved manner.

Waste Disposal: Incinerate or remove to landfill following all local, state and federal regulations.

SECTION IX HANDLING AND STORAGE

Keep away from heat and flame. Provide adequate ventilation. Keep container tightly closed when not in use.

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