



ACME
HARDESTY
OLIOCHEMICALS


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Material Safety Data Sheet

PRODUCT NAME: METHYL SALICYLATE

IDENTIFICATION AND DISTRIBUTOR INFORMATION

TRADE NAME: METHYL SALICYLATE
CAS #: 119-36-8
DATE: March 29, 2008

DISTRIBUTOR: ACME-HARDESTY COMPANY
ADDRESS: 450 Sentry Parkway
Blue Bell, PA 19422

TELEPHONE: (866) 226 – 3834
FAX: (215) 591 – 3620
EMERGENCY: CHEMTREC (800) 424-9300

PHYSICAL/CHEMICAL CHARACTERISTICS

PHYSICAL STATE: Liquid
APPEARANCE & ODOR: Colorless, translucent, oily with a characteristic odor
RELATIVE DENSITY, 20°C (typical): 1.1845
RELATIVE INDEX, 20°C (typical): 1.5362
SOLUBILITY: 1 ml sample is soluble completely in 10 ml 70% Alcohol
MELTING POINT, °C: -8.3
BOILING POINT, °C: 222.2
FREE ACID: 0.14 ml
PURITY, %: 99.48

FIRE & EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA:

CO₂, dry chemical or foam. Spray extinguishing media directly into the base of the flames. CO₂, CO, smoke and unidentified organic compounds may be formed during combustion. Water is unsuitable for use on burning materials, but may be used to cool containers exposed to heat.

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should wear positive pressure self-contained breathing apparatus. Avoid sources of ignition and/or excessive heat.

REACTIVITY

Presents no significant hazards concerning stability. It is not pyrophoric or reactive with water. It does not undergo explosive decomposition and is stable to shock. It is not an oxidizing agent and will not undergo hazardous exothermic polymerization. Avoid contact with oxidizers.

TOXICOLOGY DATA

May be irritating to skin and eyes.

Contains an ingredient which, in its undiluted form, has caused poisoning similar to that seen in aspirin poisoning and may be lethal if swallowed.

ORAL LD50 (RAT): 1420 mg/kg
DERMAL LD50 (RABBIT): >1360 mg/kg

EMERGENCY FIRST AID PROCEDURES

INGESTION: Obtain medical advice immediately.
SKIN CONTACT: Remove contaminated clothing. Wash affected areas with mild soap and water if irritation occurs. Consult physician.
EYE CONTACT: Flush immediately with copious amounts of water for at least 15 minutes. If irritation persists, contact physician.
INHALATION: Avoid gross inhalation of fumes. Remove person to fresh air. Contact physician as necessary.

PREVENTIVE MEASURES

Avoid ingestion. Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes. This material is intended for manufacturing use only.

SPECIAL PROTECTION: Protective clothing is advisable.
EYE PROTECTION: Use chemical splash goggles.
SKIN PROTECTION: Use oil/solvent resistant gloves.
OTHERS: Good manufacturing practices dictate that an eye wash fountain and/or safety shower should be available in the work area.
SOLIDS: The use of an approved nuisance dust mask is recommended.
LIQUIDS: If vapor concentration is high due to heat then use an approved organic vapor respiratory.

SPILL AND LEAK PROCEDURES

SOLID: Sweep up and remove to an approved disposal container.
LIQUIDS: Eliminate all source of ignition. Ventilate the area. Prevent liquid from entering the sewers. Recover the spilled liquid with pump or absorb with sand. Filter aid or other suitable absorbent material.

DISPOSAL

DISPOSAL: Incinerate or dispose as specified by local, provincial or federal regulations.

SIGNS & SYMPTOMS OF EXPOSURE: Not applicable