

Section 1: Identification

Product Name Methyl Salicylate NF (Synthetic)
Commercial Name Oil of Wintergreen (Synthetic)
Product Use Manufacture of substances
Restrictions On Use Not available

Product Code 30-1140

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Emergency Overview OSHA Hazards Target Organ Effect, Harmful by ingestion., Irritant, Teratogen. Target
CFR 1910.1200 Organs Central nervous system, Liver, ears, Kidney, Eyes GHS Classification Acute toxicity, Oral (Category 4), H302 Acute aquatic toxicity (Category 3), H402

Signal Word WARNING

Hazard Statement(s) Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.
Harmful to aquatic life.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment.
Response P301 P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. P305 P351 P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P330 Rinse mouth.
Storage Not available.
Disposal P501 Dispose of contents/ container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Methyl salicylate
% By Weight 100
CAS# 119-36-8
Molecular Weight 152.14 g/mole
Chemical Formula C8H8O3
Synonym(s) 2-Hydroxybenzoic acid methyl ester Oil of wintergreen Wintergreen oil Methyl 2-hydroxybenzoate

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Methyl salicylate	119-36-8	100	Not available.	ORAL (LD50): Acute: 887 mg/kg [Rat].

Section 4: First-Aid Measures

Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact	Wash off with soap and plenty of water. Consult a physician.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Not available.
Products of Combustion	Carbon oxides
Firefighters Special Equipment and Precautions	Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Environmental precautions: Do not let product enter drains. Methods and materials for containment and cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Storage: Keep container tightly closed in a dry and well-ventilated place. Handle and store under inert gas. Air, light, and moisture sensitive.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Not available.
Personal Protection	Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Eye protection: Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Skin and body protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9: Physical and Chemical Properties

Appearance	Liquid COLORLESS TO PALE YELLOWISH OR REDDISH		
Odor	Wintergreen		
Odor Threshold	Not available		
Melting Point	(°C) 6	pH	Not available
Freezing Point	Not available	Vapor Pressure	(mm Hg @20 °C) <1
Boiling Point/Range	(°C) 222	Vapor Density	5.25 -(AIR = 1.0)
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	log Pow: 2.55	Evaporation Rate	Not available
Flash Point	(°F) Closed cup >200	Autoignition temperature	453 °C (847 °F)
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not applicable
		Upper	Not applicable
Solubility(ies)	Insoluble in water.		
Other	Density @25 °C 1.183		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable under recommended storage conditions.
Hazardous Polymerization	Not available.
Conditions to Avoid	Heat. Light.
Incompatible Materials	Strong bases, Strong oxidizing agents
Hazardous Decomposition Products	Carbon oxides

Section 11: Toxicological Information**RTECS** VO4725000**Acute Toxicity**

Harmful if swallowed. Oral LD50 LD50 Oral - rat - 887 mg/kg remarks:Behavioral:Somnolence (general depressed activity).
Inhalation LC50 no data available Dermal LD50 - LD50 Dermal - rabbit - 5,000 mg/kg Skin corrosion/irritation Skin -rabbit - Skin irritation - 24 h.

Skin Corrosion/Irritation

Harmful if absorbed through skin. Causes skin irritation.

Serious Eye Damage/Irritation

Causes eye irritation.

Respiratory or Skin Sensitization

May be harmful if inhaled. Causes respiratory tract irritation.

Germ Cell Mutagenicity

Not available

Carcinogenicity

Not established

Reproductive Toxicity

Not available

Routes of Entry

Eye contact. Inhalation. Ingestion. Skin.

Symptoms Related to Exposure

Mild chronic salicylate intoxication is termed salicylism. Symptoms include: headache, dizziness, ringing in the ears, difficulty in hearing, dimness of vision, mental confusion, lassitude, drowsiness, sweating, thirst, hyperventilation, nausea, vomiting, and occasionally diarrhea. A more severe degree of salicylate intoxication is characterized by more pronounced CNS disturbances (including generalized convulsions and coma), skin eruptions, and marked alterations in acid-base balance.

Potential Health Effects

Not available

Target Organ(s) Inhalation - May cause respiratory irritation. single exposure

Section 12: Ecological Information**Ecotoxicity**

Not available.

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical equipped with an afterburner and scrubber.

Disposal of Container

Dispose of as unused product

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

OSHA Hazards Target Organ Effect, Harmful by ingestion., Irritant, Teratogen. SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards Acute Health Hazard, Chronic Health Hazard. Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act. Pennsylvania Right To Know Components CAS-No.

Revision Date Methyl salicylate 119-36-8 1989-08-11 New Jersey Right To Know Components CAS-No. Revision Date Methyl salicylate

119-36-8 1989-08-11 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm. 16. OTHER CATEGORIES Safety Data Sheet prepared by: Penta The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Penta's control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage, or expense arising out of the products improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission in the SDS. Various federal, state, or provincial agencies may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.

Other

Not available.

Section 16: Other Information

Label Hazard Warning: WARNING! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. AFFECTS THE KIDNEYS AND CENTRAL NERVOUS SYSTEM. Label Precautions: Avoid breathing vapor. Keep container closed. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Label First Aid: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. In all cases call a physician. Product use: Laboratory Reagent Revision Information: No changes.