



MATERIAL SAFETY DATA SHEET (MSDS)

Methyl Salicylate

Section 1 Chemical Product and Company Identification

MSDS Name: Methyl Salicylate
Synonyms: 2-Hydroxybenzoic Acid Methyl Ester; Methoxybenzoic Acid; Sweet Birch Oil
CAS#: 119-36-8
Company Identification: FOSHAN NANHAI ZHONGNAN PHARMACEUTICAL FACTORY
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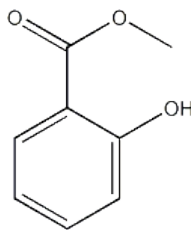
Section 2 Composition, Information on Ingredients

Chemical Name:

Molecular Formula: C₈H₈O₃

Molecular Weight: 152.15

Chemical structural formula:



Chemical Name:	%	CAS#
2-Hydroxybenzoic Acid Methyl Ester	>99%	119-36-8

Section 3 Hazards Identification

Potential Health Effects

Skin: May cause skin irritation. May be harmful if absorbed through the skin.

Eye: May cause eye irritation.

Inhalation: May cause respiratory tract irritation. May be harmful if inhaled.

Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.

Chronic: Prolonged or repeated exposure may cause nausea, dizziness, and headache.

Dangerous type hieroglyphic figure:



Section 4 First Aid Measures

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower



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eyelids. Get medical aid.

Inhalation: Remove from exposure and move to fresh air immediately. Get medical aid.

Ingestion: Get medical aid. Wash mouth out with water.

Notes to Physician: Treat symptomatically and supportively.

Section 5 Fire Fighting Measures

Extinguishing Media: Water or foam may cause frothing. Use water spray to cool fireexposed containers. Use water spray, dry chemical, carbon dioxide, or chemical foam.

General Information: As in any fire, wear a selfcontained breathing apparatus in pressuredemand, MSHA /NIOSH (approved or equivalent), and full protective gear.

Section 6 Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways.

Section 7 Handling and Storage

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage: Store in a cool, dry place. Store in a tightly closed container.

Section 8 Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure Limits

none listed

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 Physical and Chemical Properties

Physical State: Liquid

pH: N/A

Freezing/Melting Point: -8.6°C

Boiling Point: 223.3°C

Flash Point: 96.1 °C (204.98°F)

Explosion Limits: Upper: N/A

Color: colorless to yellow-red

Odor: wintergreen odor

Specific Gravity/Density: 1.18 (water=1)

Autoignition Temperature: 454.4°C (849.92°F)

Explosion Limits: Lower: N/A

Vapor Pressure: 1 mm Hg @ 20°C



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Solubility in water: Slightly soluble in water

Viscosity: N/A

Decomposition Temperature: N/A

Vapor Density: 5.24 (air=1)

heat of combustion:3762.26kJ/mol

logP (o/w) :2.55

Section 10 Stability and Reactivity

Chemical Stability: Stable.

Conditions to Avoid: Incompatible materials.

Incompatibilities with Other Materials Incompatible materials, acids, bases, nitrates.

Hazardous Decomposition Products Carbon monoxide, carbon dioxide.

Hazardous Polymerization Will not occur.

Section 11 Toxicological Information

LD50/LC50: Draize test, rabbit, eye: 500 mg/24H Mild;
Draize test, rabbit, skin: 500 mg/24H Moderate;
Oral, mouse: LD50 = 1110 mg/kg;
Oral, rabbit: LD50 = 1300 mg/kg;
Oral, rat: LD50 = 887 mg/kg;
Oral, rat: LD50 = 1220 mg/kg;

Teratogenicity: Effects on Newborn: Liver birth index and viability index, oral-rat TDLo=36450mg/kg.
Specific Developmental Abnormalities: Central nervous system, Craniofacial, and Musculoskeletal, subcutaneous- rat TDLo=500mg/kg.

Other:See actual entry in RTECS for complete information. The toxicological properties have not been fully investigated.

Section 12 Ecological Information

Ecotoxicity: No data available. No information available.

Other: None.

Section 13 Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Not regulated as a hazardous material	Not regulated as a hazardous material	Not regulated as a hazardous material
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 Regulatory Information

US FEDERAL



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TSCA

CAS# 119-36-8 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 119-36-8: immediate, delayed.

Section 313

No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 119-36-8 can be found on the following state right to know lists: Pennsylvania.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

XN

Risk Phrases:

R 22 Harmful if swallowed.

R 36/38 Irritating to eyes and skin.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

WGK (Water Danger/Protection)



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CAS# 119-36-8: 1

Canada - DSL/NDSL

CAS# 119-36-8 is listed on Canada's DSL List.

Canada – WHMIS

This product has a WHMIS classification of D2B.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

CAS# 119-36-8 is listed on the Canadian Ingredient Disclosure List.

Section 16 Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

MSDS Creation Date:

Revision #2 Date :