

SAFETY DATA SHEET

1. Identification of the Substance and of the Company

Revised: April 18, 2025

Product Name: Methyl Paraben USP/NF**WC Code:** 13-034**Product Use:** Laboratory chemicals**Company****WINTERSUN CHEMICAL**

1250 E. Belmont St.

Ontario, CA 91761

Call: 909-930-1688

Information / Emergency Telephone**PERS (Professional Emergency Resource Services)**

Domestic Shipments and to Canada: 1-800-633-8253

International Shipments: 1-801-629-0667

2. Hazard Identification

GHS-US Classification

Skin sensitization (Category 1), H317

Eye corrosion and irritant (Category 2B), H320

Target Organ Toxicity, (Category 3), H335

GHS-US Label elements**Pictogram****Signal word: WARNING****Hazard statement(s)**

H317: May cause an allergic skin reaction.

H320: Causes eye irritation.

H335: May cause respiratory irritation

Precautionary statement(s)

P202: Do not handle until all safety precautions have been read and understood.

P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands and other exposed area thoroughly after handling.

P301 + P330 + P331+ P312: IF SWALLOWED Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/ doctor/ medical personnel if you feel unwell.

P303 + P361 + P351 + P333 + P313: IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse cautiously with water for several minutes. If skin irritation or rash occurs: Get medical advice/attention.

P304 + P340 + P342 + P311: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

P305 + P351 + P338 + P337 + P313: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

P390: Absorb spillage to prevent material damage.

P405: Store locked up.

P501: Dispose of contents/ container to an approved waste disposal plant in accordance with federal, state and local environmental control regulations.

3. Composition/ Information on Ingredients

Synonyms: 4-Hydroxybenzoic acid methyl ester; Methyl paraben; Metoxyde

CAS No: 99-76-3

Molecular Formula: C₈H₈O₃

Molecular Weight: 152.15 g/mol

Appearance: Colorless crystals or white crystalline powder

Assay: 99.0-100.5%

4. First-Aid Measures

Eye Contact

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical attention if irritation occurs.

Skin Contact

Remove any contaminated clothing. Wipe off excess from skin. Wash skin with soap and flush with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Inhalation

If inhaled, remove to fresh air immediately and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention for any breathing difficulty.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

5. Fire Fighting Measures

Special Hazards Arising from the Substance or Mixture

Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.

Hazardous Combustion Products

Carbon monoxide (CO) Carbon dioxide (CO₂)

Fire-Fighting Equipment/ Instructions

Evacuate personnel to a safe area. If necessary, firefighters should use self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media

Suitable extinguishing media such as water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

6. Accidental Release Measures**Personal precautions, protective equipment, and emergency procedures**

Use proper personal protective equipment as indicated in Section 8. Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of dust from the spilled material. Ensure adequate ventilation.

Containment and Cleaning up

Handle in accordance with industrial hygiene and safety practices. Use appropriate tools to put the spilled solid in a convenient waste disposal container. Avoid generating dusty conditions. Finish cleaning the contaminated surface and dispose of according to local and regional authority requirements.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

7. Handling and Storage**Precautions**

Avoid breathing dust, vapor, mist, or gas. Avoid contact with eyes, skin, and clothing. Do not swallow. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Wash hands and other exposed areas with mild soap and water after handling. Handle in accordance with good industrial hygiene and safety procedures.

Storage

Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep container dry. Keep away from heat. Keep away from sources of ignition. Keep away from combustible material. Empty containers should be handled with care because it may contain residual amounts of this product.

8. Exposure Controls / Personal Protection**Exposure Limit**

No data available

Engineering Controls

Use adequate ventilation or other engineering controls to keep airborne concentrations below recommended exposure limits. See **OSHA Regulations state in 29 CFR 1910.151 (c)** for an eyewash facility and safety shower requirement.

Personal Protective Equipment

Eyes: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

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. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9. Physical and Chemical Properties

Appearance: Colorless crystals or white crystalline powder
Purity: 99.0-100.5%
Melting Point: 125 - 127 °C / 257 - 260.6 °F
Sulfate (SO₄): 0.024% Max
Loss on Drying: 0.50% Max
Residue: 0.10% Max
Odour: No data available
Odour threshold: No data available
pH: No data available
Initial boiling point/ Boiling range: 270 - 280 °C / 518 - 536 °F
Evaporation rate: No data available
Vapour pressure: No data available
Vapour density: No data available
Relative density: No data available
Water solubility: No data available
Viscosity: No data available
Oxidizing properties: No data available
Auto-ignition temperature: 600 °C / 1112 °F
Flash point: No data available
Explosion limits: No data available
Flammability of the product: No data available
Flammable limits: No data available

10. Stability and Reactivity

Stability: Stable under ordinary conditions
Reactivity: No data available
Conditions to avoid: Avoid dust formation. Incompatible products. Excess heat.
Incompatibilities with other materials: Strong oxidizing agents, Strong bases
Hazardous decomposition products: Carbon monoxide (CO), Carbon dioxide (CO₂)
Hazardous polymerization: Hazardous polymerization does not occur

11. Toxicological Information

Acute toxicity
Methyl p-hydroxybenzoate
LD50 Oral - 2100 mg/kg (Rat)

Skin corrosion/ irritation
No data available

Serious eye damage/ eye irritation
No data available

Respiratory or skin sensitization
No data available

Carcinogenicity
The components of this product are not listed as carcinogen by ACGIH, IARC, NIOSH, NTP, or OSHA

Special Remarks on Toxicity to Animals: No data available

Special Remarks on Chronic Effects on Humans: No data available

Special Remarks on other Toxic Effects on Humans: No data available

12. Ecological Information

Ecotoxicity

Methyl p-hydroxybenzoate

Freshwater Fish - LC50: 50-100mg/L/96h (Leuciscus idus)

Mobility

Methyl p-hydroxybenzoate

log Pow: 1.96

13. Disposal Information

Waste Disposal

Keep out of sewers and waterways. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. Transport Information

US DOT

Not regulated as a hazardous material

IMDG/ IATA

Not regulated as a hazardous material

15. Regulatory Information

TSCA 12b

Not applicable

SARA 302

No chemicals are reportable under Section 302

SARA 311/312 Hazards

Acute Health Hazards

SARA Section 313

No chemicals are reportable under Section 313.

US State

State Right to Know

This chemical is listed on the following state right to know lists: New Jersey, Pennsylvania.

California Regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

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.

Clean Air Act

This material does not contain any hazardous air pollutants nor Class 1 or Class 2 Ozone depleters

U.S. Department of Homeland Security

This product does not contain any DHS chemicals.

U.S. Department of Transportation

Reportable Quantity (RQ): N

DOT Marine Pollutant: N

DOT Severe Marine Pollutant: N

16. Other Information**HMIS Rating**

Health: 2

Flammability: 1

Physical Hazard: 0

Personal Protection:

NFPA Rating

Health: 2

Flammability: 1

Instability: 0

Special Hazards:

Revision Date: April 18, 2025

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