

SAFETY DATA SHEET

1. Identification of the Substance and of the Company

Revised: April 18, 2025

Product Name: Propyl Paraben USP/NF**Product Use:** Preservative. Personal care and cosmetic formulation**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

Not classified

GHS-US Label Elements

Not applicable

Hazards not covered by GHS-US

Not classified

Precautionary statement(s)

P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

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

Substance Name: Propyl 4-hydroxybenzoate**EC No:** 202-307-7**CAS No:** 94-13-3**Molecular Formula:** C₁₀H₁₂O₃**INCI Name:** Propylparaben**Appearance:** A white crystalline powder**Assay:** 99.99%

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**

In case of fires, hazardous combustion gases: 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.

Unsuitable extinguishing media such as dry powder, carbon dioxide, full water jet.

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: A white crystalline powder

Odour: No data available

Odour Threshold: No data available

pH: No data available

Melting point/ freezing point: 96° C to 99° C

Initial boiling point/ Boiling range: No data available

Evaporation rate: No data available

Vapour pressure: No data available

Vapour density: No data available

Relative density: 1.287 g/cm³ at 20°C

Water solubility: Very slightly soluble in water. Freely soluble in alcohol and in methanol

Viscosity: No data available

Oxidizing properties: No data available

Auto-ignition Temperature: No data available

Flash Point: 185 °C (356°F)

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: Stable

Conditions to avoid: Strong heat

Incompatibilities with other materials: Not known

Hazardous decomposition products: When handled and stored appropriately, no dangerous decomposition products are known.

Possibility of hazardous reactions: No hazardous reactions known. Stable.

11. Toxicological Information

Acute toxicity

LD50 > 5000 mg/kg bw (Oral, Rat)

Skin corrosion/ irritation

Not irritating

Serious eye damage/ eye irritation

Not irritating

Respiratory or skin sensitization

Not irritating

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

- Carcinogenicity: Non-carcinogenic
- Mutagenic effects: Not mutagenic
- Reprotoxic effects: Not found to be reprotoxic

Specific target organ toxicity**• Single exposure**

No experimental or epidemiological sufficient evidence for specific target organ toxicity

• Repeated exposure

No experimental or epidemiological sufficient evidence for specific target organ toxicity

12. Ecological Information

Propyl 4-hydroxybenzoate

- Short term toxicity to fish (Test organism, species: Danio rerio)
96 hr EC50 = 6.4 mg/L
- Short-term toxicity to aquatic invertebrates (Test organism: species: Daphnia magna)
48hr EC50 15.4 mg/L
- Toxicity to aquatic algae and cyanobacteria (Test organism,species: Pseudokirchnerella subcapitata)
72 hr EC50 = 16 mg/L
- Toxicity to microorganisms (Test organism,species: activated sludge)
28d NOEC ed sludge

Persistence and degradability:

Readily biodegradable: 91.5% (ThOD) in 28 days (OECD 301 F)

Bioaccumulative potential:

The substance was not B/vB

Mobility in soil:

No data available

Results of PBT and vPvB assessment:

Not PBT and PVB

Other adverse effects:

None

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**SARA 302**

No chemicals are reportable under SARA Title III, Section 302.

SARA 311/312 Hazards

Chronic Health Hazard

SARA Section 313

No chemicals are reportable under SARA Title III, 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 to cause cancer, birth defects, or any other reproductive harm.

Inventory Status

Listed in: US(TSCA), Europe (EINECS), New Zealand (NZIoC), Philippines (PICCS), Canada (DSL), China (IECSC), Australia (AICS), Japan (ENCS).

16. Other Information**HMIS Rating**

Health: 0

Flammability: 0

Physical Hazard 0

Personal Protection:

NFPA Rating

Health: 0

Flammability: 0

Instability: 0

Special Hazards:

Revision Date: April 18, 2025

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