



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Safety Data Sheet (MSDS)

(Compliant with GHS Rev.9, GB/T 16483, IMDG, IATA) **Revision Date:** 10 FEB 2026 **Version:** 1.0

SECTION 1: Identification

1.1 Product Identifiers

- Name: Pyridoxine Hydrochloride (Vitamin B6)
- CAS: 58-56-0
- Synonyms: 2-Methyl-3-hydroxy-4,5-bis(hydroxymethyl)pyridine hydrochloride

1.2 Supplier Details

- Company: NEWAY SINOPHC TECH. LIMITED
- Address: RM. 204, Bldg 3, 188 Aona Rd, Shanghai Free Trade Zone, China
- Tel: +86-21-50350029 | Fax: +86-21-50350029
- Emergency Contact: +86-21-50350029 (24h)

1.3 **Uses:** Pharmaceutical raw material, food additive, feed supplement.

SECTION 2: Hazards Identification

2.1 **Classification:** Not classified as hazardous under GHS. 2.2 **Label Elements:** No hazard pictograms, signal word, or hazard statements. 2.3 **Precautionary Statements:** None required for normal use. 2.4 **Hazards Summary:** Non-toxic. May cause mild eye irritation if dust contacts eyes directly.

SECTION 3: Composition/Information on Ingredients

- **Pure Substance:** Pyridoxine Hydrochloride (100%).
- **CAS No.:** 58-56-0. No hazardous impurities.

SECTION 4: First Aid Measures

- **Inhalation:** Remove to fresh air. No special treatment required.
- **Skin Contact:** Wash with soap and water. No irritation expected.
- **Eye Contact:** Rinse thoroughly with water for 5 minutes. Consult a doctor if irritation persists.
- **Ingestion:** Rinse mouth. Non-toxic; no adverse effects expected.

SECTION 5: Firefighting Measures

- **Extinguishing Media:** Water spray, dry chemical, CO₂, foam.
- **Hazards in Fire:** Non-combustible. Decomposes at high temperatures to produce non-toxic fumes.
- **Advice:** Wear standard fire protection gear.

SECTION 6: Accidental Release Measures

- **Personal Precautions:** Wear dust mask and gloves for large spills.
- **Cleanup:** Sweep up and place in a sealed container for reuse or disposal. Avoid creating dust.

SECTION 7: Handling and Storage

- **Handling:** Avoid dust formation. Wash hands after handling.
- **Storage:** Store in a cool, dry place ($\leq 25^{\circ}\text{C}$) in tightly closed containers. Protect from light and moisture.



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- **Shelf Life:** 36 months unopened.
- **Incompatibilities:** Strong oxidizing agents.

SECTION 8: Exposure Controls/Personal Protection

- **PPE:** Safety glasses and nitrile gloves are recommended for bulk handling. Dust mask if ventilation is poor.
- **Engineering Controls:** General ventilation is sufficient.

SECTION 9: Physical and Chemical Properties

- **Appearance:** White crystalline powder, odorless.
- **Solubility:** Freely soluble in water, slightly soluble in alcohol.
- **pH:** 2.4-3.0 (5% solution).
- **Melting Point:** 205-209°C (decomposes).
- **Bulk Density:** 1.4-1.6 g/cm³.

SECTION 10: Stability and Reactivity

- **Stability:** Stable under recommended storage conditions.
- **Hazardous Reactions:** No dangerous reactions under normal use.

SECTION 11: Toxicological Information

- **Acute Oral LD₅₀ (Rat):** > 4000 mg/kg.
- **Skin Irritation:** Non-irritating.
- **Carcinogenicity:** IARC Group 3 (Not classifiable).

SECTION 12: Ecological Information

- **Aquatic Toxicity:** Low. Readily biodegradable.
- **Environmental Impact:** Negligible when used as directed.

SECTION 13: Disposal Considerations

- Dispose of waste in accordance with local regulations. Uncontaminated material may be reused.

SECTION 14: Transport Information

- **UN Number:** None.
- **Classification:** Non-hazardous for all modes of transport (ADR, IMDG, IATA).
- **Packing Group:** Not applicable.

SECTION 15: Regulatory Information

- Complies with REACH (EU), TSCA (US), and China Food Safety Law. Listed on EINECS.

SECTION 16: Other Information

This document is provided for informational purposes only and is based on current scientific knowledge.