

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification**Product Name** PYRIDOXINE HYDROCHLORIDE USP (PHARMA GRADE)**Commercial Name** N/A**Product Use** N/A**Restrictions On Use** N/A**Product Code** 30-5117**Company** PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300**Section 2: Hazard(s) Identification****OSHA Haz Com:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)**Signal Word** NON-HAZARDOUS**Hazard Statement(s)** N/A**Pictogram(s) or Symbol(s)****Precautionary Statement(s):****Prevention** N/A**Response** N/A**Storage** N/A**Disposal** N/A**Section 3: Composition/Information on Ingredients****Substance/Mixture** Substance**Components** Pyridoxine Hydrochloride**% By Weight** >=98%**CAS#** 58-56-0**Molecular Weight** N/A**Chemical Formula** C₈H₁₁NO₃ . HCl**Synonym(s)** N/A**Mixtures**

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Pyridoxine Hydrochloride	58-56-0	>=98%	N/A	N/A

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Section 4: First-Aid Measures

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Rinse skin with water/shower. Get medical attention if irritation develops and persists
Eye Contact	Rinse with water. Get medical attention if irritation develops and persists
Ingestion	Rinse mouth, If ingestion of a large amount does occur, call a poison control center immediately
Symptoms/Effects	
Acute	N/A
Delayed	N/A
Immediate Medical Attention	
N/A	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Use fire-extinguishing media appropriate for surrounding materials. Water, foam, dry chemical or CO2

Unsuitable Extinguishing Media

N/A

Products of Combustion

N/A

Firefighters Special Equipment and Precautions

Wear suitable protective equipment

Section 6: Accidental Release Measures

Personal precautions: Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Avoid inhalation of dust from the spilled material. Wear appropriate personal protective equipment. Environmental precautions: N/A Methods of containments and clean up: Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see section 13.

Section 7: Handling and Storage

Handling: Avoid contact with skin and eye. Do not breathe dust. Ensure adequate ventilation. Wear personal protective equipment. Storage: Preserve in tight, light-resistant containers, protected from light.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminations below the exposure limit.
Personal Protection	Eyes: Safely glasses with sideshields are recommended. Face shields or goggles may be required if splash potential exists or if corrosive materials are present. Approved eye protection (bearing the ANSI Z87 or CSA stamp) is preferred. Maintain eyewash facilities in the work area. Wear appropriate protective gloves and clothing to prevent skin exposure. Skin and body: Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic nonlatex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy. For handling of laboratory scale quantities are handled, work clothing may be necessary to prevent take-home contamination. Respiratory: Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH-approved respiratory protection and have an effective respirator program in place Hygiene: Handle in accordance with good industrial hygiene and safety practice

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Section 9: Physical and Chemical Properties

Appearance	Powder solid, white or almost white		
Odor	Characteristic nut-like odor		
Odor Threshold	N/A		
Melting Point	401-413.6F (205-212C) decc	pH	2.4-3 (5% aqueous solution)
Freezing Point	N/A	Vapor Pressure	<0.0000001kPa at 25C
Boiling Point/Range	N/A	Vapor Density	7.1
Decomposition temperature	N/A	Viscosity	N/A
Partition Coefficient: n-octanol/water	N/A	Evaporation Rate	N/A
Flash Point	N/A	Autoignition temperature	N/A
Flammability	N/A	Flammability or Explosive Limits:	
		Lower	N/A
		Upper	N/A
Solubility(ies)	Freely soluble in water		
Other	N/A		

Section 10: Stability and Reactivity

Reactivity	No reactivity hazards known
Chemical Stability	Stable under normal conditions
Hazardous Polymerization	Hazardous polymerization does not occur
Conditions to Avoid	Avoid dust formation
Incompatible Materials	Alkaline solutions, Iron salts, Oxidizing agents
Hazardous Decomposition Products	Cl-, NOx, SOx, Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions

Section 11: Toxicological Information**RTECS** N/A**Acute Toxicity**

Based on available data, the classification criteria are not met Pyridoxine hydrochloride: LD50 Oral: 5500 mg/kg (Mouse) LD50 Oral: 4000 mg/kg (Rat)

Skin Corrosion/Irritation

N/A

Serious Eye Damage/Irritation

N/A

Respiratory or Skin Sensitization

N/A

Germ Cell Mutagenicity

S. typhimurium ames assay results: negative

Carcinogenicity

N/A

Reproductive Toxicity

Due to lack of data the classification is not possible. This material is not considered to be a carcinogen by IARC, NTP, or OSHA

Routes of Entry

N/A

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Symptoms Related to Exposure

N/A

Potential Health Effects

N/A

Target Organ(s) The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information**Section 12: Ecological Information****Ecotoxicity**

No ecotoxicity data noted for the ingredient(s)

Persistence and Degradability

N/A

Bioaccumulative Potential

N/A

Mobility in Soil

N/A

Other Adverse Effects

N/A

Section 13: Disposal Considerations**Waste Disposal**

Dispose in accordance with all applicable regulations. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

Disposal of Container

N/A

Other Considerations

N/A

Section 14: Transport Information**DOT Classification**

Not regulated as a hazardous material

Section 15: Regulatory Information**Regulations**

International inventories Component: Pyridoxine hydrochloride TSCA: Yes DSL: Yes NDSL: No EINECS: Yes ELINCS: No PICCS: Yes ENCS: Yes AICS: Yes IECSC: Yes *A "Yes" indicated that all components of this product comply with the inventory requirements administered by the governing country(s). US Federal regulations: CERCLA/SARA Hazardous Substances-N/A All components are on the US EPA TSCA Inventory List Safe Drinking Water Act: Not regulated Food and Drug Administration (FDA): Total food additive, Direct food additive, GRAS food additive US state 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.

Other

N/A

Section 16: Other Information

N/A