

# MATERIAL SAFETY DATA SHEET

## VITAMIN B6

### 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Pyridoxine hydrochloride  
Synonyms: PYRIDOXINE HYDROCHLORIDE; 5-Hydroxy-6-methyl-3,4-pyridinedimethanol; Adermin hydrochloride

Company Identification: **RAWPHARMA BIZ PVT LTD**  
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### 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	Chemical Name:	%	EINECS#
58-56-0	Pyridoxine hydrochloride	98%	200-386-2

### 3 - HAZARDS IDENTIFICATION EMERGENCY OVERVIEW

Irritating to eyes, respiratory system, and skin. Potential

#### Health Effects

Eye: Causes eye irritation.  
Skin: Causes skin irritation. May be harmful if absorbed through the skin.  
Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.  
Inhalation: Causes respiratory tract irritation. May be harmful if inhaled.  
Chronic:

### 4 - FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.  
Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.  
Ingestion: Get medical aid. Wash mouth out with water.  
Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Antidote:

## 5 - FIRE FIGHTING MEASURES

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

## 6 - ACCIDENTAL RELEASE MEASURES

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

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

## 7 - HANDLING AND STORAGE

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

Storage: Store in a tightly closed container. Store in a dry area. Keep refrigerated. (Store below 4°C/39°F.)

## 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 ventilation to keep airborne concentrations low.

Exposure Limits CAS# 58-56-0:

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.

## 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Crystalline powder

Color: white - almost white

Melting Point: 205-212 deg C  
Molecular Formula: C<sub>8</sub>H<sub>11</sub>NO<sub>3</sub>.HCl  
Molecular Weight: 205.64

#### 10 - STABILITY AND REACTIVITY

Chemical Stability: Light sensitive.  
Conditions to Avoid: Incompatible materials, light. Incompatibilities with  
Other Materials: Strong oxidizing agents, bases.  
Hazardous Decomposition Products: Hydrogen chloride, chlorine, nitrogen oxides,  
carbon monoxide, carbon dioxide.  
Hazardous Polymerization: Will not occur.

#### 11 - TOXICOLOGICAL INFORMATION

RTECS#: CAS# 58-56-0: UV1350000  
LD50/LC50: RTECS:  
Oral, mouse: LD50 = 5500 mg/kg;  
Oral, rat: LD50 = 4 gm/kg  
Carcinogenicity: Pyridoxine hydrochloride - Not listed as a carcinogen by  
ACGIH, IARC, NTP, or CA Prop 65.  
Other: See actual entry in RTECS for complete information. The  
toxicological properties have not been fully investigated.

#### 12 - ECOLOGICAL INFORMATION

Not available

#### 13 - DISPOSAL CONSIDERATIONS

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

#### 14 - TRANSPORT INFORMATION

	IATA	IMO	RID/ADR
Shipping Name:	Not regulated.	Not regulated.	Not regulated.
Hazard Class:			
UN Number:			
Packing Group:			

#### 15 - REGULATORY INFORMATION

European/International Regulations  
European Labeling in Accordance with EC Directives  
Hazard Symbols: XI  
Risk Phrases: R 36/37/38 Irritating to eyes, respiratory system, and skin.  
Safety Phrases: S 26 In case of contact with eyes, rinse immediately with plenty of  
water and seek medical advice. S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection) CAS# 58-56-0: 1

Canada CAS# 58-56-0 is listed on Canada's DSL List

US Federal

TSCA CAS# 58-56-0 is listed on the TSCA Inventory.

## 16 - ADDITIONAL INFORMATION

RAWPHARMA BIZ PVT LTD provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.