

MATERIAL SAFETY DATA SHEET

PYRIDOXINE HYDROCHLORIDE

I IDENTIFICATION:

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179

Emergency Telephone No.: 1-905-466-3832
Chemical Name: Pyridoxine hydrochloride
Catalog Number: PYR330
Molecular Formula: C₈H₁₁NO₃.HCl
Molecular Weight: 205.64
WHMIS Classification: not controlled
TSCA Status: LISTED

II COMPOSITION/ INGREDIENTS:

	CAS #	%
PyridoxineHCl :	58-56-0	100%

III HAZARDS/TOXICOLOGICAL PROPERTIES:

The toxicological properties of this product have not been fully investigated.

Low hazard rating

Routes of entry: Eyes, skin, inhalation, Ingestion.

Target Organs: Non known

Eyes: May cause irritation..

Skin: May cause irritation.

Inhalation: May cause irritation to respiratory tract.

Ingestion: may cause irritation to GI tract

CHRONIC HEALTH HAZARDS: none known.

Exposure Limits:

None available

Epidemiology: No data available

Teratogenicity: No data available

Reproductive Effects: No data available

Neurotoxicity: No data available

Mutagenicity: No data available

LD50/LC50:

LD50 Oral, rat= 4g/kg

IV FIRST AID MEASURES:

Eyes: Flush eyes with water .

Skin: In case of contact, flush area immediately with water.

Inhalation: Remove victim to fresh air.

Ingestion: Wash mouth with water.

V FIRE AND EXPLOSION HAZARDS:

Flammable: No

Flash Point: 100C

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

Explosion Data: Not available

VI REACTIVITY:

Stability: Stable at normal room temperature and pressure

Conditions to avoid: dust generation.

Incompatibility strong oxidizing agents.

Hazardous Decomposition Products: carbon dioxide, carbon monoxide and nitrogen oxides.

Hazardous Polymerization: Has not been reported

VII PHYSICAL DATA:

Physical State: solid

Appearance and Odor: white powder, odorless

Melting Point: 208° C

Boiling Point: N/A

Specific Gravity: N/A

Vapor Density: N/A

Decomposition temp: >212° C

Water Solubility: soluble

pH: 3.2 (10% soln.)

VIII PREVENTIVE MEASURES:

Personal Protection: Lab coat, safety goggles, rubber gloves.

Ventilation: Local exhaust systems. Use fume hood

Respiratory protection: use OSHA/MSHA approved respirator.

Leak and Spill Procedures: Ventilate the area. Wear appropriate protective equipment. Cover with dry lime or soda. Sweep and place in a closed container.

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

Other precautions: Avoid contact. Do not get in eyes, on skin, or clothing.

Wash thoroughly after handling. Wash contaminated clothing before reuse.

Storage Conditions: room temperature

Label Hazard Warning: None. Avoid eye and skin contact. Avoid inhalation and ingestion.

Shipping Information: Not regulated

IX PREPARATION OF MSDS:

Prepared By: M.Kierdelewicz (President)

Date Prepared: Sept 12/2011

Phone: (800) 234-1179

The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product.

Observe all federal, provincial and state laws concerning health, safety and pollution.