

MATERIAL SAFETY DATA SHEET

L-ASPARTIC ACID

I IDENTIFICATION:

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

Emergency Telephone No.: 905-466-3832

Chemical Name: L-Aspartic acid

Catalog Number: ASP003/ASP005

Molecular Formula: C4H7NO4

Molecular Weight: 133.05

WHMIS Classification: not controlled

TSCA Status: LISTED

II COMPOSITION/ INGREDIENTS:

	CAS #	%
L-Aspartic acid	56-84-8	99+

III HAZARDS/TOXICOLOGICAL PROPERTIES:

Potential Health Effects
Low health hazard

Target Organs: none

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: may cause irritation. The toxicological properties of this substance have not been fully investigated.

Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

CHRONIC HEALTH HAZARDS: no information found

Exposure Limits:

LD50 / LC50:
Not available

Epidemiology: No data available

Teratogenicity: No data available

Reproductive Effects: No data available

Neurotoxicity: No data available

Mutagenicity: No data available

Carcinogenicity: Not listed by ACGIH, IARC, NTP, or OSHA

IV FIRST AID MEASURES:

Eyes: Flush eyes with plenty of water for at least 15 minutes.

Skin: Flush area immediately with plenty of soap and water while removing contaminated clothing and shoes.

Inhalation: Remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen and GET MEDICAL ATTENTION.

Ingestion: Wash mouth with water. GET MEDICAL ATTENTION .

V FIRE AND EXPLOSION HAZARDS:

Flammable: No

Flash Point: N/A

Extinguishing Media: Water, dry chemical, chemical foam or alcohol resistant foam.

Explosion Data: Not available

VI REACTIVITY:

Stability: Stable under normal temperatures and pressure

Conditions to avoid: generation of dust.

Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products: carbon monoxide, carbon dioxide,

Hazardous Polymerization: Will not occur

VII PHYSICAL DATA:

Physical State: Solid

Appearance and Odor: white crystals. No odor

Melting Point: 270-271°C

Boiling Point: N/A

Specific Gravity: N/A

Vapor Density: N/A

Solubility: slightly soluble

pH: 2.5-3.4 (10% soln.)

VIII PREVENTIVE MEASURES:

Personal Protection: Wear appropriate protective gloves and clothes to prevent skin exposure.

Ventilation: Local exhaust systems.

Respiratory protection: Use NIOSH/MSHA approved full face-piece respirator.

Leak and Spill Procedures: Wear appropriate protective equipment. Sweep up then place into a suitable container for disposal.

Waste Disposal: Follow local disposal regulations.

Storage Conditions: Store in a cool, dry place. Store in a tightly closed container.

Label Hazard Warning: Irritating to eyes, respiratory system and skin.

Shipping Information: Not regulated

IX PREPARATION OF MSDS:

Prepared By: M. Kierdelewicz (President)

Date: Dec 6/2011

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.