

MATERIAL SAFETY DATA SHEET

AMMONIUM PHOSPHATE MONOBASIC

I IDENTIFICATION:

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

Emergency Telephone No.: 905-466-3832
Chemical Name: Ammonium phosphate monobasic
Catalog Number: APM002/APM222
Molecular Formula: (NH₄) HPO₄
Molecular Weight: 115.03
WHMIS Classification: D2B
TSCA Status: listed on the TSCA Inventory

II HAZARDOUS/ INGREDIENTS:

	CAS #	%
Ammonium phosphate Monobasic	7722-76-1	100%

III HAZARDS/TOXICOLOGICAL PROPERTIES:

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

Target Organs: None

Eyes: Causes irritation

Skin: Causes irritation.

Inhalation: Causes irritation to respiratory tract.

Ingestion: may cause irritation to GI tract. May cause nausea, vomiting and diarrhea

CHRONIC HEALTH HAZARDS; Repeated exposure may cause dermatitis

Exposure Limits:

Not available

Epidemiology: No data available

Teratogenicity: No data available

Reproductive Effects: No data available.

Neurotoxicity: No data available.

Mutagenicity: No data available.

IV FIRST AID MEASURES:

Eyes: Flush eyes with water, GET MEDICAL ATTENTION

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

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. Do not induce vomiting. GET MEDICAL ATTENTION.

V FIRE AND EXPLOSION HAZARDS:

Flammable: No

Flash Point: N/A

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 and excess heat.

Incompatibility: strong acids and bases, strong oxidizing and reducing agents.

Hazardous Decomposition Products: oxides of phosphorus, nitrogen oxides and ammonia.

Hazardous Polymerization: Has not been reported

VII PHYSICAL DATA:

Physical State: Crystalline solid

Appearance and Odor: white, slight ammonia smell

Melting Point: 190° C

Boiling Point: N/A

Specific Gravity: 1.62

Vapor Density: N/A

Water Solubility: yes

pH: 3.8-4.4 (5% 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. Avoid moisture and light.

Label Hazard Warning: Other Toxic. May be harmful to skin, eyes and respiratory system. Avoid eye and skin contact. Avoid inhalation and ingestion.

Shipping Information: not regulated

IX PREPARATION OF MSDS:

Prepared By: M.Kierdelewicz (President)

Date Prepared: Dec 6/2011

Phone: (800) 234-1179

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