

SAFETY DATA SHEET

AMMONIUM PHOSPHATE MONOBASIC

SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179
Emergency Telephone No.: 1-905-466-3832
Chemical Name: Ammonium phosphate monobasic
Catalog Number: APM002/APM222

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

Explosion Data: Not available

SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate the area. Wear appropriate protective equipment. Sweep and place in a closed container. Avoid dust generation.

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

SECTION 7 HANDLING AND STORAGE

Handling: Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Storage Conditions: Room temperature.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: none listed

Use adequate ventilation. AVOID DUST GENERATION.

Wear appropriate protective equipment to prevent eye and skin exposure.

Wear appropriate respirator to prevent lung irritation.

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

Ventilation: Local exhaust systems. Use fume hood

Respiratory protection: use OSHA/MSHA approved respirator.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Crystalline solid

Appearance and Odor: white, slight ammonia smell

Melting Point: 190° C

Boiling Point: N/A

Specific Gravity: 1.80

Vapor Density: N/A

Water Solubility: yes

pH: 3.8-4.4 (5% water)

SECTION 10 STABILITY AND 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

SECTION 11 TOXICOLOGICAL PROPERTIES

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification:

Not hazardous according to GHS

Potential Health Effects

Target Organs: None

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

SECTION 3 COMPOSITION/ INGREDIENTS

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

Molecular Formula: (NH₄) H₂PO₄

Molecular Weight: 115.03

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes. GET MEDICAL AID>

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 . GET MEDICAL ATTENTION.

Ingestion: Wash mouth with water. GET MEDICAL ATTENTION .

SECTION 5 FIRE FIGHTING MEASURES

Flammable: No

Flash Point: N/A

Autoignition Temperature: N/A

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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**SECTION 12 ECOLOGICAL INFORMATION**

No information found.

SECTION 13 DISPOSAL CONSIDERATION**Waste Disposal:** Burn in chemical incinerator. Observe all Federal, provincial and local regulations.**SECTION 14 TRANSPORT INFORMATION****Shipping Information:** Not regulated**SECTION 15 REGULATORY INFORMATION****US :** TSCA: listed**European/International:** N/A.**Canada:** WHMIS: not controlled**SECTION 16 ADDITIONAL INFORMATION****Hazard Rating System**

NFPA	Health	Fire	Reactivity
0	0	0	0

Prepared By: M.Kierdelewicz (President)

Date Prepared: Jan 1/2025

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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.