

# MATERIAL SAFETY DATA SHEET

## AMMONIUM ACETATE

### I IDENTIFICATION:

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

**Emergency Telephone No.: 905-466-3832**

**Chemical Name:** Ammonium acetate

**Catalog Number:** ACE601/ACE602

**Molecular Formula:** C<sub>2</sub>H<sub>7</sub>NO<sub>2</sub>

**Molecular Weight:** 77.08

**WHMIS Classification:** D2B

**TSCA Status:** Not listed on the TSCA Inventory

### II COMPOSITION/ INGREDIENTS:

	CAS #	%
Ammonium acetate	631-61-8	100

### III HAZARDS/TOXICOLOGICAL PROPERTIES:

#### Potential Health Effects

**Target Organs:** None known

**Eyes:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Inhalation:** may cause irritation.

**Ingestion:** May be harmful if swallowed. May cause irritation of the digestive tract.

**CHRONIC HEALTH HAZARDS:** May cause liver damage

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

#### 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.

**Ingestion:** Wash mouth with water.

### 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

**Incompatibility:** Strong oxidizing agents and strong acids.

**Hazardous Decomposition Products:** Nitrogen oxides, carbon monoxide, carbon dioxide, ammonia.

**Hazardous Polymerization:** Will not occur

### VII PHYSICAL DATA:

**Physical State:** Solid

**Appearance and Odor:** white crystals, acetic smell

**Melting Point:** 110° C

**Boiling Point:** N/A

**Specific Gravity:** 1.073g/cm<sup>3</sup>

**Vapor Density:** N/A

**Solubility:** WATER

### 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 3/2011

Phone: (800) 234-1179

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