

# MATERIAL SAFETY DATA SHEET

## SODIUM ACETATE, TRIHYDRATE

### I IDENTIFICATION:

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

Emergency Telephone No.: 905-466-3832  
Chemical Name: SODIUM ACETATE, TRIHYDRATE  
Catalog Number: SAA305  
Molecular Formula: C<sub>2</sub>H<sub>3</sub>O<sub>2</sub>Na.3H<sub>2</sub>O  
Molecular Weight: 136.1  
WHMIS Classification: D2B  
TSCA Status: Not listed on the TSCA Inventory

### II HAZARDOUS INGREDIENTS:

	CAS #	RTECS #	%
SODIUM ACETATE TRIHYDRATE	6131-90-4	N/A	100

Not listed on the TSCA inventory.

### 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. The toxicological properties of this substance have not been fully investigated.  
**Ingestion:** May be harmful if swallowed. May cause irritation of the digestive tract.  
**CHRONIC HEALTH HAZARDS:** Not available

#### Exposure Limits:

**LD50 / LC50:**  
LD50 Oral, mouse=6891mg/kg  
LD50 Oral rat=3530 mg/kg

**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 reducing agents  
**Hazardous Decomposition Products:** Nitrogen oxides, carbon monoxide, carbon dioxide,  
**Hazardous Polymerization:** Will not occur

### VII PHYSICAL DATA:

**Physical State:** Solid  
**Appearance and Odor:** white crystalline solid, vinegar odor  
**Freezing/Melting Point:** 136F  
**Boiling Point:** 253F  
**Specific Gravity:** 1.45  
**Vapor Density:** N/A  
**Solubility:** freely soluble in water  
**pH:** 8.9 (0.1M 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:** Non hazardous not regulated

### IX PREPARATION OF MSDS:

Prepared By: M. Kierdelewicz (President)  
Date: Dec 8/2011  
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.