

**Aceto Shield Pellets**

**Plant Growth Regulator**

Sprout Inhibitor for Potatoes in Storage for Use Only by Aceto Trained Operators

Commercial

Fog Application

ACTIVE INGREDIENT: Chlorpropham 98%

REGISTRATION No. 29037 PEST CONTROL PRODUCTS ACT

CAUTION



POISON

READ THE LABEL BEFORE USING  
KEEP OUT OF THE REACH OF CHILDREN

NET CONTENTS: 1-20 units of 5 kg (5-100 kg)

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## **DIRECTIONS FOR USE**

Seal the potato storage building to prevent or reduce leakage. Adjust the ventilation system to ensure even distribution of moving air. Adjust the application equipment to deliver droplets in the range of 1 to 10 microns. Ensure that air blower screens are clear and no restrictions in air flow are present on the thermal generator. Apply Aceto Shield Pellets at the rates shown/100 tonne potatoes. **SHORT-TERM STORAGE** (up to 3 months): Apply 1.5 to 2 kg of active chemical.

**LONG-TERM STORAGE** (4 to 6 months): Apply 3.0 to 3.75 kg of active chemical per application. Depending on factors occurring in the storage, it may be found necessary to repeat a treatment to achieve the desired results. The operation of every storage is different and introduces different operating conditions, which in turn determine the effect of the treatment. Following treatment with Aceto Shield Pellets continue air circulation until fog clears (2-4 hours).

Standard aeration/ventilation for temperature and humidity control can then be resumed.

### **Use Precautions**

- 1) Aceto Shield Pellets is applied as a mist or fog to inhibit sprouting of potatoes in storage. It should only be used with an approved thermal generator for safe distribution. The concentration of Aceto Shield Pellets must be kept below 11.5 kilograms per 283 m<sup>3</sup> (10,000 standard cubic feet) of air per hour. Explosion may occur if the lower limit for combustion is exceeded.
- 2) Potatoes to be treated must be firm and free from excessive dirt or other debris. Mechanically damaged potatoes cannot be treated until suberization is complete, a process which normally takes 2-3 weeks or more.
- 3) Prolonged application with thermal generators may cause fires. Remove all flammable material from the vicinity of the application point before operations commence. Keep at least two operational fire extinguishers suitable for use in confined areas at the point of application. Do not leave equipment unattended during operation.
- 4) The fog from this product is irritating to lungs and skin.
- 5) This product will inhibit sprouting of potatoes used for seed. Do not apply on or near potatoes to be used for this purpose. Do not store potatoes to be used for seed in treated buildings.

## **PRECAUTIONS**

**KEEP OUT OF THE REACH OF CHILDREN.** Warning - May be irritating to eyes, skin and respiratory tract. May be harmful if inhaled. Use only in well ventilated areas. Avoid breathing spray mist or vapour. Avoid contact with skin, eyes and clothing.

## **PROTECTIVE CLOTHING AND EQUIPMENT**

### **Personal Protective Equipment**

For mixing and loading, wear cotton coveralls and chemical-resistant gloves.

For all re-entry tasks (including cleaning) prior to the completion of ventilation, wear chemical-resistant coveralls over a long-sleeved shirt and pants, chemical-resistant gloves and a self-contained breathing apparatus.

For cleaning following ventilation, wear chemical-resistant coveralls over a long-sleeved shirt and pants, chemical-resistant gloves and a suitable respirator.

For tasks other than cleaning following ventilation, wear cotton coveralls and chemical-resistant gloves.

### **RESTRICTED-ENTRY INTERVAL (REI)**

Do not allow entry into treated areas (to attend to fans, etc.) until after two (2) hours of mechanical ventilation (fans should circulate outside air) or four (4) hours of passive ventilation (windows, vents and doors should be opened). If visible aerosol remains after these periods, do not enter until the aerosol has settled.

Eye Protection: Use full face shield or chemical safety goggles when handling.

Skin Protection: Wear coveralls, chemical-resistant gloves, shoes and socks when handling.

Respiratory Tract Protection: Wear a respirator with a NIOSH/MSHA/BHSA approved organic-vapour-removing cartridge with a pre-filter approved for pesticides when handling or if there is potential for inhalation of the vapour or spray mist.

### **FIRST AID**

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice.

Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

GENERAL: Seek medical attention if condition is severe or persistent.

### **TOXICOLOGICAL INFORMATION**

Overexposure to chlorpropham may result in methemoglobinemia.

Note to physicians: Treat symptomatically.

### **CONTAINER STORAGE AND DISPOSAL**

Store away from food, feed and seed potatoes. Store in a cool dry environment. Do not contaminate water by cleaning of equipment or disposal of wastes.

1. Empty contents of container thoroughly into the thermal generator.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.

5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.