

2008-2434  
29-APR-2009

# **BRENNTAG CANADA INC.**

**FLAMMABLE LIQUID N.O.S. (ISOPROPANOL) UN 1993**

## **SPROUT NIP E.C. POTATO SPROUT INHIBITOR**

AGRICULTURAL



**READ THE LABEL BEFORE USING**

**GUARANTEE: CHLORPROPHAM FOOD GRADE 350 g per litre**

**REGISTRATION NO. 11575 PEST CONTROL PRODUCTS ACT**

Brenntag Canada Inc.  
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Net Contents: 4 L, 20 L

Sprout-Nip E.C. Potato Sprout Inhibitor is an emulsifiable formulation of food grade chlorpropham for treatment of potatoes after storage to inhibit sprouting. It is mixed with water and applied to potatoes in the packing line. SPROUT-NIP E.C. POTATO SPROUT INHIBITOR inhibits sprouting by preventing cell division. Contact with the buds on the tuber is essential for results to be effective.

**DO NOT APPLY IN THE FIELD.  
DO NOT APPLY ON SEED POTATOES.**

### **DIRECTIONS FOR USE**

Potatoes must be clean and all bruises and cuts must have healed before treatment. Dirt on the potato may prevent the chemical from reaching the buds. Application before wounds have healed will prevent suberization and will leave the tuber open to infection by disease. Normally a minimum of two weeks should elapse after harvest and before treatment.

### **APPLICATION EQUIPMENT**

Sprout-Nip E.C. Potato Sprout Inhibitor is sprayed as a 1% emulsion to potatoes in the packing line. The spray nozzle should be set up in the packing line between the cleaning equipment and the packing equipment. In packing lines equipped with brushes, place the spray nozzle on the output side of the brushes. In wash lines, place the spray nozzle on the output side of the dryer rolls. A shield should be constructed round the spray table / conveyor belt to prevent spray mist from drifting. Refer to the PROTECTIVE CLOTHING AND EQUIPMENT section before application. Consult your BRENNTAG CANADA representative for assistance in installing spray equipment.

### **MIXING DIRECTIONS**

Prepare 1% emulsion by adding 1 L of Sprout-Nip E.C. Potato Sprout Inhibitor to 35 L of water. Form a uniform emulsion by stirring.

### **APPLICATION RATE**

Apply 900 mL of the 1% emulsion per 20 bags of potatoes (45 kg per bag), or 25 L of the 1% emulsion per 25 metric tonnes of potatoes.

### **PRECAUTIONS**

#### **KEEP OUT OF REACH OF CHILDREN**

Avoid prolonged breathing of vapour or spray mist. Avoid contact with skin and eyes.

**Do not contaminate seed potatoes.**

**Store treated potatoes away from seed potatoes.**

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S. visit CropLife Canada's website at [www.CropLife.ca](http://www.CropLife.ca)."

### **FIRST AID**

**If on skin or clothing**, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If in eyes**, hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If swallowed**, call a poison control center or doctor 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 center or doctor. Do not give anything by mouth to an unconscious person.

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

**TOXICOLOGICAL INFORMATION:** Treat symptomatically. Overexposure to chlorpropham may result in methemoglobinemia.

### **PROTECTIVE CLOTHING AND EQUIPMENT**

**Personal Protective Equipment:** For mixing and loading, wear cotton coveralls and chemical-resistant gloves. For application using the screened sprayer systems and for bagging/packing potatoes, wear cotton coveralls and chemical-resistant gloves.

**Engineering Controls:** Installation of a shield around the conveyor belt is required to prevent spray mist drifting.

### **CONTAINER HANDLING**

Keep container closed when not in use. Prolonged exposure to air may result in moisture pick-up which can affect the emulsifying properties of the product. Avoid storage below freezing temperatures. Prolonged storage may result in crystal formation. Warming contents and agitation will restore material to usable condition, but do not heat above 120°C.

This product inhibits germination and plant growth.

Store away from seed potatoes, fertilizers, seeds, plants and pesticides.

### **DISPOSAL**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction 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. The user assumes the risk to persons or property that arises from any such use of this product.

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