

2011-5024  
2011-11-22

## **SPUD-NIC<sup>TM/MC</sup>**

**AEROSOL GRADE**

Emulsifiable concentrate

Applied as directed to potatoes in storage, will inhibit the potatoes from sprouting.

COMMERCIAL

READ THE LABEL BEFORE USING

GUARANTEE: Chlorpropham 471 g/L

REGISTRATION NO. 24691

PEST CONTROL PRODUCTS ACT

CAUTION: KEEP OUT OF REACH OF CHILDREN  
HARMFUL IF SWALLOWED  
DO NOT TAKE INTERNALLY  
AVOID BREATHING VAPOUR AND MIST

WARNING - EYE IRRITANT

**PROTECT EYES AND MOUTH WHEN WORKING IN A CONFINED SPACE.**

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.

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NET CONTENTS: 18.9 L

08/08

## **DIRECTIONS FOR USE**

Use to treat potatoes stored in permanent type storages, equipped with internal recirculating fans suitably sized to aerate the potatoes in bulk bins or boxes.

## **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.

## **FORCED AIR DISTRIBUTION METHOD**

1. Assemble unit as shown: Insert aerosol generator intake hose into SPUD-NIC Aerosol Grade container.
2. Set air ducts for recirculation.
3. Place exhaust end of aerosol generator at center of plenum (air mixing chamber) pointing it in direction of air flow. This will assure the best possible distribution of SPUD-NIC Aerosol Grade throughout the duct system.

**SEED:** Seed stored in buildings that is treated with SPUD-NIC Aerosol Grade can be damaged by contact with the fog particles or the vapours within the storage building.

**DO NOT BRING SEED** into a storage which has been treated until four to six months have passed and the building has been cleaned, disinfected and continuously aired for that period. If seed is stored after these conditions have been met, do not seal the storage or apply heat, but keep well aired and at as low a temperature as possible during the period seed is stored there.

Potatoes to be treated with SPUD-NIC Aerosol Grade should be clean, with no surface water on them. The potato piles should be free of dirt that will prevent the free circulation of the fog laden air.

## **APPLICATION**

SPUD-NIC Aerosol Grade can be applied at any time after the potatoes are stored. Because SPUD-NIC Aerosol Grade can inhibit wound healing, it is preferable to delay the application for at least two weeks or longer to allow the wounds to heal and the skins

to mature. SPUD-NIC Aerosol Grade is a liquid at normal temperatures. If the containers have been subjected to cold weather, heat by placing in hot water until the mixture becomes fluid. During the application SPUD-NIC Aerosol Grade can be heated to about 50°C to facilitate flow through the application equipment.

**RATE OF APPLICATION:** Apply SPUD-NIC Aerosol Grade at the rates shown/100 metric tonnes of potatoes.

**SHORT TERM STORAGE:**(up to 3 months) apply 3.2 - 4.2 L (1.5 – 2 kg of active chemical).

**LONG TERM STORAGE:**(4 - 6 months) apply 6.4 – 8 L of SPUD-NIC (3 – 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 determines the effect of the treatment.

**STORAGE CONDITIONS:** Recirculating air volume- it is suggested that the volume of air be equal to 0.5 - 0.6 cubic metre per ton of potatoes stored. All exhaust fans should be stopped and the opening sealed before the treatment is started. Inside circulating fan systems should be operating during the treatment. These fans can be left on after treatment, or closed down after a four hour period. Allow at least 12 hours to pass before outside ventilation is started.

**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. All operating equipment (fans) should be cleaned after the treatment and before being put into continuous use.

**PRECAUTIONS**

Avoid contamination of foodstuffs, feed, fertilizers, seeds, plants and pesticides. Store in closed containers in a dry warm location. 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 centre or doctor for treatment advice.

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

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

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

**TOXICOLOGICAL INFORMATION:** Overexposure to chlorpropham may result in methemoglobinemia. This product may cause eye irritation. Treat symptomatically. Low general toxicity to fish and wild life.

#### **DISPOSAL**

1. Triple or pressure rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
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. The user assumes the risk to persons or property that arises from any such use of this product.

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