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AG-SERVICES

“EMULSIFIABLE CONCENTRATE”

Potato Sprout Inhibitor

CHLORPROPHAM LIQUID CONCENTRATE

AG-SERVICES ((Emulsifiable Concentrate)) when applied as directed to potatoes in storage, will inhibit the potatoes from sprouting.

COMMERCIAL

CAUTION



POISON

CAUTION - SKIN IRRITANT

READ THE LABEL BEFORE USING

GUARANTEE:

CHLORPROPHAM..... 350 grams per Litre

REGISTRATION NO. 27971 PEST CONTROL PRODUCTS ACT

Net contents: 4 - 60 Litres

AG-SERVICES INC.

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AG-SERVICES Emulsifiable Concentrate is a emulsifiable formulation of food grade chlorpropham for treatment of potatoes after store to inhibit sprouting. It is mixed with water and applied to potatoes in the packing line. AG-SERVICES E.C. 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

AG-SERVICES E.C. 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. Consult your AG-SERVICES representative for assistance in installing spray equipment.

APPLICATION PROTECTIVE CLOTHING AND EQUIPMENT: Engineering Controls: A shield should be constructed around the spray table/conveyor belt to prevent spray mist from drifting.

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

MIXING DIRECTIONS

Prepare 10g/L solution by adding 1 litre of AG-SERVICES E.C. to 34 litres 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 litres per 25 tonnes.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. May irritate the skin. Do not contaminate seed potatoes. Store treated potatoes away from seed potatoes. Avoid prolonged breathing of vapour or spray mist. Avoid contact with skin and eyes. 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.

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 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 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.

GENERAL: Never give anything by mouth to an unconscious person. Remove victim to a safe and uncontaminated area. Seek medical attention immediately if toxicity/irritation/etc. persists or is severe.

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.

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.

PROTECTIVE CLOTHING AND EQUIPMENT:

Personal Protective Equipment:

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

For application see "APPLICATION EQUIPMENT".

DISPOSAL

1. Triple or pressure rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to 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.