



SPUD GUARD® 2 EC

Emulsifiable Concentrate - Potato Sprout Inhibitor

One gallon of product will treat 2,000 cwt. of potatoes.

ACTIVE INGREDIENT:	
Chlorpropham* (Isopropyl N-(3-chlorophenyl) carbamate).....	24.65%
OTHER INGREDIENTS:.....	75.35%
TOTAL.....	100.00%

*Contains 2 pounds active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals - Caution

Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Personal Protective Equipment (PPE): Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves. Some materials that are chemical resistant to this product are barrier laminate, butyl rubber and nitrile rubber. If you want more options, follow instructions for Category C on an EPA chemical-resistant category selection chart.

Following application, workers (e.g. baggers) must wear chemical resistant gloves while potatoes are wet.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations: Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

FIRST AID

If swallowed:	Call a poison control center 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 center 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 center or doctor for treatment advice.
If inhaled:	Move victim to fresh air. If not breathing, call 911 then give artificial respiration, preferably mouth to mouth. Call a poison control center 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 center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact (PERS 1-800-633-8253) for emergency medical treatment, spill, leak or fire information.	

Net Contents 5 Gallons

Sold by:
Pin Nip, Division of 1,4GROUP Inc.
P.O. Box 860
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EPA Reg. No. 72790-2-65726
EPA Est. No. 065726-ID-001
Revision 070218

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Avoid storage below freezing temperatures. Prolonged storage may cause crystal formation. Warming contents and agitation will restore material to usable condition, but do not heat above 120°F. Vent caps when using indirect heat such as a warm water bath, and do not use direct heat or flame.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

APPLICATION

This product is used for treating potatoes to inhibit sprouting after storage and washing. This product will prevent wound periderm formation of potatoes, therefore, it should be used only after bruises and cuts have healed (normally a minimum of two weeks).

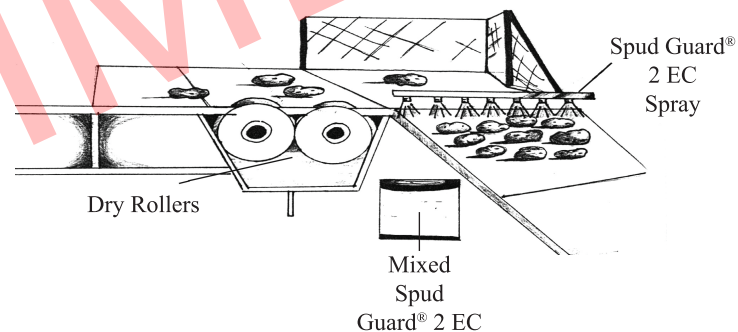
DO NOT APPLY IN THE FIELD.

IMPORTANT NOTE: Potatoes may deteriorate or otherwise be damaged by bacteria, fungi, insects, old age effects such as internal sprouting, environmental factors (such as humidity, temperature and airflow), and other causes which are unrelated to the application of this product, and which may occur whether or not this product is applied to the potatoes.

DO NOT USE ON SEED POTATOES. This product will inhibit the sprouting of seed potatoes. The inhibition of sprouting at recommended rates is usually effective for up to a year. The time period of effective sprout inhibition may vary depending on many conditions beyond the control of the manufacturer and/or seller, including, but not limited to, timing and method of application, variety and condition of stored crop, and mixtures or treatments with other chemicals. Wash equipment thoroughly with soap and water before using with seed potatoes.

EQUIPMENT: This product is usually applied as a 1% emulsion spray on the drying table, or similar station, after the potatoes have been washed. Automatic proportioners or injection systems that apply an equivalent rate of active ingredient may also be used. Equipment should be set to spray evenly across the rolls moving the potatoes. Rolling or tumbling action improves coverage compared to flat conveyor belts. Thorough coverage of the potato by this emulsion will provide the best sprout inhibition.

APPLICATION: One gallon of SPUD GUARD® 2 EC will treat 2,000 cwt. of potatoes. To dilute the product, prepare a 1% emulsion by adding 1 gallon of this product to 24 gallons of water. Agitate enough to form a uniform emulsion. For best results, agitate or recirculate emulsion while in use. Apply at a rate of 1 quart of 1% emulsion per 20 bags of potatoes (100 pounds per bag). For proportioner/injector applications, use sufficient water for thorough coverage while maintaining the application rate of 1 gallon of SPUD GUARD® 2 EC per 2000 cwt. potatoes.



CONDITIONS OF SALE

1,4GROUP, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to manufacturer, and to the extent consistent with applicable law the buyer assumes the risk for any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 1,4GROUP, INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY OR THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 1,4GROUP, INC., DISCLAIMS ANY LIABILITY WHATSOEVER FOR PUNITIVE, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID OR AT 1,4GROUP, INC.'S ELECTION REPLACEMENT OF THE PRODUCT.

SPUD GUARD® 2 EC is a registered trademark of the 1,4GROUP for chemicals for agriculture.