

2749-520

01/08/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JAN 8 2009

Fred Trudwig, Jr.
Regulatory Affairs Manager
Aceto Agricultural Chemicals Corporation
One Hollow Lane
Lake Success, NY 11042

Subject: CIPC 98A *2749 JKish 3/11/09*
EPA Reg. No. ~~2949~~-520; PRIA Decision 392744
Amendment dated April 23, 2008

Dear Mr. Trudwig:

The revised label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended, to revise application tables and instructions for clarity and the incorporation of application rates for chlorpropham special local needs (SLN) registrations: ID050004, ND050009, ME000004, MN050007 and WI070003, is acceptable.

One copy of the label stamped "Accepted" is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed label before the product is released for shipment.

Sincerely,

A handwritten signature in cursive script that reads "Tony Kish".

Tony Kish
Product Manager (22)
Fungicide Branch
Registration Division (7505P)

Enclosures:
HED review 10/21/08; DP No. 355585
Stamped label

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CIPC 98A

Aerosol Grade – Potato Sprout Inhibitor

ACTIVE INGREDIENT:	By Weight
Chlorpropham* (Isopropyl N-(3-chlorophenyl) carbamate)	98.0%
OTHER INGREDIENTS	2.0%
TOTAL	100.0%

*Contains 9.8 pounds active ingredient per 10 pounds

FOR AGRICULTURAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION. Harmful if swallowed or absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing vapor. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

FIRST AID	
If Swallowed	<ul style="list-style-type: none"> • 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 by a poison control center or doctor.
If in Eyes	<ul style="list-style-type: none"> • 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 on Skin or Clothing	<ul style="list-style-type: none"> • 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 Inhaled	<ul style="list-style-type: none"> • 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 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.	

EMERGENCY INFORMATION

For spill, leak, fire, exposure or accident call CHEMTREC 1-800-424-9300. Outside the USA 1-703-527-3887

Net Contents : 10 lbs

EPA REG.NO: 2749-520

EPA EST. NO _____

Batch Code: _____

ACCEPTED

- JAN 8 2009
2749-520

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

Manufactured For:
Aceto Agricultural Chemicals Corporation
 One Hollow Lane
 Lake Success, NY 11042
 Phone: 516-627-6000



DRAFT: 01/08/09

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DIRECTIONS FOR USE:

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on the EPA chemical resistance category selection chart.

Applicators and other handlers must wear: chemical resistant gloves (such as nitrile, butyl, neoprene, and/or barrier laminate). From the start of application and continuing until the ventilation requirements listed on this labeling have been completed, for entry into the enclosed treated area, handlers must wear chemical resistant gloves, a long-sleeve shirt, long pants, shoes and socks, and a respirator. The following type of respirator is appropriate to mitigate chlorpropham inhalation exposure.

- A dust/mist filtering respirator (MSHA/NIOSH approval number prefix TX-21C).

If the enclosed area contains less than 19.5 percent oxygen, the respirator must be one of the following types:

- A supplied-air respirator (MSHA/NIOSH approval number prefix TC-19C) OR a self-contained breathing apparatus (SCUBA) (MSHA/NIOSH approval number prefix TX-13F).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Workers must wear: chemical resistant gloves (such as nitrile, butyl, neoprene, and/or barrier laminate) while handling potatoes which are wet.

User Safety Recommendations:

Users should:

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

Entry Restrictions:

For aerosol or forced-air distribution applications:

Do not enter or allow any person, other than a person equipped with the appropriate handler personal protective equipment including the appropriate respirator, to enter the treated area until the area has been ventilated. Ventilation may be for either a total of two (2) hours with fans or other mechanical ventilation or four (4) hours with windows, vents, or other passive ventilation, or until such time that there have been 10 complete air exchanges. The ventilation time may be interrupted, i.e., the time may be accumulated at sporadic intervals, such as 15 minutes of ventilation followed by a period with no ventilation, until the total required ventilation time has accumulated.

ENVIRONMENTAL HAZARDS

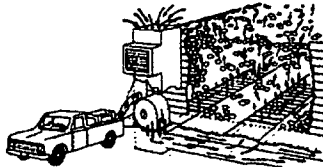
This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified 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.

NOTICE:

- If entry into the storage area is necessary during or immediately following application before the fog has settled and required ventilation has occurred, protective clothing and respirators must be worn as listed under the **PERSONAL PROTECTIVE EQUIPMENT (PPE)** above.
- CIPC 98A is used as an aerosol for treating potatoes for sprout inhibition during storage.
- Do not apply in the field.
- Do not use on seed potatoes.
- Do not allow vapors to come in contact with or get near storage areas used for seed potatoes.
- Let six months elapse before using treated storage area for seed potatoes. All system components (including ducts) and building must be thoroughly cleaned before areas is used for storage of seed potatoes.
- CIPC 98A will prevent periderm formation of potatoes, therefore, it should be used only after bruises and cuts have healed (normally minimum two weeks).

FORCED AIR DISTRIBUTION METHOD

1. Assemble unit as shown.
2. Place SPROUT NIP in melting chamber of application unit and connect aerosol generator intake hose to chamber.
3. Set air ducts for recirculation.
4. 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 CIPC 98A throughout the duct system.

**TREATMENT OF STORAGE OR OTHER AREAS THAT DO NOT HAVE RECIRCULATING AIR SYSTEMS**

Prior to placing the potatoes in the area to be treated, make the following preparations:

1. On the floor of the area, install an air duct approximately 12 inches by 12 inches running the length or width of the potato pile leaving a false wall space at both ends for air circulation. The ducts should be spaced 10 to 12 feet apart and can be perforated metal pipe, slotted wood construction or if the potatoes are in bags, by bridging a 12 inch space between two rows of bags in the bottom layer with bags placed crosswise of the space.
2. At the end of each duct in the false wall space where the fog is to be introduced, place a squirrel cage fan positioned to force air through the duct. The exit end of the duct must be blocked to force the air up through the piled potatoes.

When the area is filled and ready to treat, the following steps should be taken:

- a. Close off any ventilating systems
- b. Start the squirrel cage fans
- c. Introduce the fog as near as possible to the bottom of the false wall space containing the fans.
- d. Operate the fans until the fog has settled
- e. Reactivate the ventilation systems 4 hours following application or when the fog has settled.

APPLICATION

Many factors can affect the ability to store potatoes in a dormant, sprout-free condition. Some factors include, temperature at harvest, potato variety, storage temperature and storage duration. Prior to selecting whether to use the recommended application rates in Table 1 or Table 2, consult with a University/USDA Extension Potato Specialist and/or your Professional CIPC 98A Applicator.

1. Application of CIPC 98A can be made anytime after the curing period and before sprouting of potatoes occurs.
2. Select the proper application rate based upon Storage Temperature and Storage Time from Table 1 or Table 2 below based upon the recommendations of the University/USDA Extension Potato Specialist and/or your Professional CIPC 98A Applicator.
3. Do not apply more than 0.089 lbs of this product per 2,000 lbs of potatoes in any one season as an aerosol fog.
4. Once opened use the entire contents of the container.

1 bushel = 60 pounds = 1.6 cubic feet

1 cwt = 1.67 bushels = 2.5 cubic feet

2,000 pounds = 20 cwt = 33.4 bushels = 83.5 cubic feet

RECOMMENDED CHLORPROPHAM RATE

TABLE 1
Standard Rate of 1 Pound Active Ingredient per 600 Hundred Weights (CWT)

Storage Temperature in Degrees F	Application Rate in Pounds CIPC 98 A per 2,000 Pounds of Potatoes									
	Storage Time in Months									
	1	2	3	4	5	6	7	8	9	10
40	0.0270	0.0287	0.0304	0.0321	0.0338	0.0355	0.0371	0.0388	0.0405	0.0422
42	0.0284	0.0301	0.0317	0.0334	0.0351	0.0368	0.0385	0.0402	0.0419	0.0436
46	0.0311	0.0328	0.0344	0.0361	0.0378	0.0395	0.0412	0.0429	0.0446	0.0463
48	0.0324	0.0341	0.0358	0.0375	0.0392	0.0409	0.0426	0.0442	0.0459	0.0476
50	0.0338	0.0355	0.0371	0.0388	0.0405	0.0422	0.0439	0.0456	0.0473	0.0490
52	0.0351	0.0368	0.0385	0.0402	0.0419	0.0436	0.0453	0.0469	0.0486	0.0503
54*	0.0365	0.0382	0.0399	0.0415	0.0432	0.0449	0.0466	0.0483	0.0500	0.0517
56*	0.0378	0.0395	0.0412	0.0429	0.0446	0.0463	0.0480	0.0496	0.0513	0.0530
58*	0.0392	0.0409	0.0426	0.0442	0.0459	0.0476	0.0493	0.0510	0.0527	0.0544
60*	0.0405	0.0422	0.0439	0.0456	0.0473	0.0490	0.0507	0.0523	0.0540	0.0557

Chart assumes treatment soon after suberization time.

*Rates for 54°F and above are for processing potatoes only

TABLE 2
Standard Rate of 1 Pound Active Ingredient per 400 Hundred Weights (CWT)

Storage Temperature in Degrees F	Application Rate in Pounds CIPC 98 A per 2,000 Pounds of Potatoes									
	Storage Time in Months									
	1	2	3	4	5	6	7	8	9	10
40	0.0456	0.0481	0.0507	0.0532	0.0557	0.0583	0.0608	0.0633	0.0659	0.0684
42	0.0476	0.0502	0.0527	0.0552	0.0578	0.0603	0.0628	0.0653	0.0679	0.0704
46	0.0517	0.0542	0.0567	0.0593	0.0618	0.0643	0.0669	0.0694	0.0719	0.0745
48	0.0537	0.0562	0.0588	0.0613	0.0638	0.0664	0.0689	0.0714	0.0740	0.0765
50	0.0557	0.0583	0.0608	0.0633	0.0659	0.0684	0.0709	0.0735	0.0760	0.0785
52	0.0578	0.0603	0.0628	0.0653	0.0679	0.0704	0.0729	0.0755	0.0780	0.0805
54**	0.0598	0.0623	0.0648	0.0674	0.0699	0.0724	0.0750	0.0775	0.0800	0.0826
56**	0.0618	0.0643	0.0669	0.0694	0.0719	0.0745	0.0770	0.0795	0.0821	0.0846
58**	0.0638	0.0664	0.0689	0.0714	0.0740	0.0765	0.0790	0.0816	0.0841	0.0866
60**	0.0659	0.0684	0.0709	0.0735	0.0760	0.0785	0.0811	0.0836	0.0861	0.0887

Chart assumes treatment soon after suberization time.
 **Rates of 54°F above are for processing potatoes only.

Retreatment of Potatoes

If it becomes necessary to increase the storage duration and/or storage temperature, potatoes will tend to break dormancy and begin sprouting. In these cases, it may be necessary to retreat the potatoes to prevent sprouting. Potatoes may be treated with an additional application(s) provided the total applied CIPC rate does not exceed 0.089 lbs of this product per 2,000 lbs of potatoes for all aerosol treatments.

1. Repeat applications must not be made sooner than 90 days following the initial application.
2. When making repeat applications the total amount of CIPC previously applied to the potatoes must be taken in account and deducted from new application rate. **EXAMPLE:** If the potatoes had previously been treated with 0.0321 pounds CIPC per 2,000 pounds of potatoes and the new application rate is 0.0532 pounds CIPC per 2,000 pounds of potatoes then the amount of CIPC to be applied would be 0.0532 – 0.0321 = 0.0211 Pounds of CIPC per 2,000 pounds of potatoes.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Keep container closed. Do not contaminate water, food or feed by storage or disposal. This product inhibits germination of seed potatoes.

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. Offer for recycling, if available.

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IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Aceto Agricultural Chemicals Corporation. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

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Rev: 01/08/09