

64864-62

11/25/2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, D.C. 20460

EPA Reg. Number:

64864-62

Date of Issuance:

NOV 25 2008

NOTICE OF PESTICIDE:

- Registration
  - Reregistration
- (under FIFRA, as amended)

Term of Issuance: **Conditional**

Name of Pesticide Product:

**Xedamate A**

Name and Address of Registrant (include ZIP Code):

**Registrant**

**Pace International, LLC**  
**1201 3<sup>rd</sup> Avenue, Suite 5450**  
**Seattle, Washington 98101**

**Agent for Pace International, LLC**

**c/o Karen E. Warkentien**  
**Lewis & Harrison, LLC**  
**122 C Street NW, Suite 740**  
**Washington, DC 20001**

**Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.**

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Submit a one year GLP Storage Stability (830.6317) and Corrosion Characteristics (830.6320) studies for proposed product, with recommended observations at 0, 3, 6, 9, & 12 month's periods by November 30, 2009. Also, please submit the results to the Agency in both electronic and hard copy format.

(continued on Pages 2 & 3)

Signature of Approving Official:

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

Date:

November 25, 2008

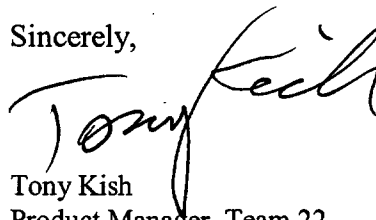
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3. Submit two copies of a final printed label within 30 days from the date of this notice which makes the following changes:
  - a. Change the product registration number to "EPA Reg. No. 64864-62".
  - b. Revise the FIRST AID box, by moving the first aid instructions in the following order: "IF ON SKIN OR CLOTHING", "IF SWALLOWED", and "IF IN EYES" Also, move the statement "Have the product container..." to the bottom of the box and insert note to physician and hotline information per the Acute Toxicity review dated 10/27/08.
  - c. Replace the instructions following the heading "HAZARDS TO HUMANS AND DOMESTIC ANIMALS" with the following: "CAUTION: Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals".
  - d. Under the "PPE" section on page 2 of 4, delete "Fogging applicators must wear" and corresponding bullets. Also, revise the first paragraph to read "From the start of application and continuing until the ventilation requirements listed in the Entry Restrictions paragraph on this label have been completed, for entry into the enclosed area, in addition to the PPE listed above, handlers/applicators must wear". Within the following bullet insert "full face" after "A" and before "respirator".
  - e. On page 2 of 4, in the sentence beginning with "If no such instructions..." insert the term "exist" after "washables".
  - f. Replace "Re-entry" section with the following: "ENTRY RESTRICTIONS: Do not enter or allow any person, other than a person equipped with appropriate respirator and other PPE listed on this label, 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."
  - g. On page 3 of 4, under "Electrofogger Operation", in the second bullet replace "should" with "must".
  - h. Under the header "Application Procedures", replace the fourth bullet with the following: "Do not breathe the fog."

- i. On page 4 of 4, under the header "Terms of Sale" at the beginning of the fourth sentence "All such risk are...." insert "To the extent consistent with applicable law".

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A copy of the label stamped "Accepted with Comments" is enclosed for your records.

Sincerely,



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

4  
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**Xedamate A**  
**Anti-Sprouting Agent for Post-Harvest Treatment of Potatoes by Thermal Fogging**

FOR AGRICULTURAL USE ONLY

**ACTIVE INGREDIENTS:**

Chlorpropham* (Isopropyl N-(3-chlorophenyl) carbamate).....	56.5%
Clove Oil.....	43.5%
Total.....	100.0%

\*Contains 5.3 lbs chlorpropham per gallon

EPA Reg. No. 64864-??

EPA Est. No. 64864-WA-1

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION - CUIDADO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique en detalle.  
(If you do not understand this label, find someone to explain it to you in detail.)

<b>FIRST AID</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin with plenty of water for 15 – 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**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 an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- long-sleeved shirt and long pants

**ACCEPTED**  
**with COMMENTS**  
**in EPA Letter Dated**

NOV 25 2008

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

64864-62

- chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber, or butyl rubber
- shoes and socks
- protective eyewear (such as goggles, safety glasses, or a face shield)

Fogging applicators must wear:

- full-face respirator with organic vapor filter
- long-sleeved shirt and long pants
- chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber, or butyl rubber
- shoes and socks

From the start of application and continuing until the ventilation requirements listed in the Re-Entry paragraph on this label have been completed, for entry into the enclosed area, handlers must wear:

- A respirator with an organic-vapor removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE pre-filter.

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

- A supplied-air respirator (MSHA/NIOSH approval number prefix TC-21C) or a self-contained breathing apparatus (SCBA, MSHA/NIOSH approval number prefix TX-13F) in addition to PPE listed under PRECAUTIONARY STATEMENTS.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

### Re-Entry

Entry into the treatment area by any person other than properly trained and equipped handlers is prohibited from the start of application until the treated area has been ventilated. Ventilation may be for either two (2) hours with fans or other mechanical ventilation or four (4) hours with windows, vents or other passive ventilation, or until such time as there have been 10 complete air exchanges.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

### DIRECTIONS FOR USE

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

### Application Restrictions

Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application.

6  
7

#### Recommendations

- Apply Xedamate A on potatoes after bruises and cuts have healed (about 6 to 15 days after harvesting) but before any signs of sprouting.
- A second application may be made 10 – 12 weeks later in anticipation of the first signs of sprouting (white spots) if prolonged storage is expected.
- Do not apply in the field.
- Do not use on seed potatoes.
- Do not allow vapors to come into contact with or get near to storage areas used for seed potatoes.
- Let one year elapse before using treated storage area for seed potatoes. All system components (including ducts) and buildings must be thoroughly cleaned before the area is used for storage of seed potatoes.

#### Application Rate

Apply 15 to 30 ml (0.5 to 1 oz.) of Xedamate A per metric ton (2200 lb) of potatoes. A second application may be made 10 – 12 weeks later at a rate of 7 to 15 ml (0.25 to 0.5 oz.) per metric ton. Dosage may need to be modified depending on physiological state of the tubers and the seal and aeration of the storage room.

#### Electrofogger Operation

- Fog may be introduced either through the ventilation manifold or directly into the room.
- When applying the fog through the ventilation manifold, the nozzle of the Electrofog machine should be introduced into the manifold as far away downstream from the fans as possible.
- When applying directly into a storage room, place the Electrofog machine horizontally outside the treatment room at a height of about 3 feet from the floor. Cover the door or window to the treatment room with a plastic sheet and insert the fogging pipe through a hole in the plastic. Place a bucket under the nozzle to catch any drops. Seal the opening around the nozzle with duct tape.
- Set the Electrofog machine resistance temperature between 500° to 600°C.
- Apply the fog at an exit temperature between 230 - 235°C.

#### Application Procedures

- Potatoes must be ripe and clean and at temperatures between 46 - 50°F (8 - 10°C) prior to treatment.
- The treatment is a circulating fog, and there should be 1 or more fans operating adjacent to the fogger as well as other fans in the room to assure good air circulation. The fans adjacent to the fogger should be operated for 5 to 10 minutes, after which the second set of fans should be operated.
- The fan operating schedule should be set up so that each group of fans runs no more than 6 times during the treatment.
- Avoid breathing the fog.
- After treatment, stop ventilation to allow the fog to settle. After approximately two hours, ventilate the room normally.

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Avoid storing below 40° F. In case of spill or leak, absorb liquid with sawdust or other absorbent material and incinerate or dispose of it in approved disposal area.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least

one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for reconditioning if appropriate.

**NOTICE TO BUYER**

**IMPORTANT:** Read the information below before using this product. If the terms are not acceptable, you should return the unopened product container immediately for a complete refund.

**LIMITED WARRANTY, TERMS OF SALE, AND LIMITATION OF LIABILITY**

Upon purchase of this product, purchaser and user agree to the following terms:

**Warranty:** To the extent consistent with applicable law, Pace International, LLC (the Company) warrants that this product conforms to the chemical description on the label in all material respects. Except as expressly stated in the foregoing sentence, the Company makes no further warranties, and expressly disclaims any implied warranties of merchantability or fitness for a particular purpose and any representation or warranty as to the suitability or efficacy of the product as a fruit preservative or the efficacy of the electrofogging process.

**Terms of Sale:** The Company's directions for use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. All such risks are assumed by the user. Sale of this product is governed by the internal laws of the State of Washington; any action with respect to this product shall be brought exclusively in the State or federal courts located at Seattle, Washington, USA.

**Limitations of Liability:** To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury, or other claim. Under no circumstances shall the Company be liable for any special, indirect, incidental, or consequential damages of any kind, including loss of profits or income, and any such claims are hereby waived. The Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale, and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.

**MADE IN USA**

SKU #: \_\_\_\_\_

Lot #: \_\_\_\_\_

Net Contents: \_\_\_\_\_

Manufactured By:  
Pace International LLC  
5661 Branch Road  
Wapato WA 98951  
800.936.6750  
www.paceint.com