

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7504P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration</p> <p>(under FIFRA, as amended)</p>	<p>EPA Reg. Number: 55050-3</p>	<p>Date of Issuance: JUL 9 2010</p>		
	<p>Term of Issuance: Conditional</p>			
	<p>Name of Pesticide Product: Paladin® Technical</p>			
<p>Name and Address of Registrant (include ZIP Code):</p> <table border="0"> <tr> <td>Arkema Inc. 2000 Market Street Philadelphia, PA 19103</td> <td>Mailed to: Agent, Tim Formella United Phosphorus Inc. 630 Freedom Business Center, Suite 402 King of Prussia, PA 19406</td> </tr> </table>			Arkema Inc. 2000 Market Street Philadelphia, PA 19103	Mailed to: Agent, Tim Formella United Phosphorus Inc. 630 Freedom Business Center, Suite 402 King of Prussia, PA 19406
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<p>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.</p>				
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(c) provided that you:</p> <ol style="list-style-type: none"> 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 reregistration of your product under FIFRA Section 4. 2. Make the following label changes before you release the product for shipment: <ol style="list-style-type: none"> A. Revise the EPA Registration Number to read, "EPA Reg. No. 55050-3." <p style="text-align: right;">continued</p>				
<p>Signature of Approving Official:</p> <p>Tony Kish, Product Manager 22 Fungicide Branch, Registration Division (7504P)</p>	<p>Date: JUL 9 2010</p>			

B. Remove all references to “caneberry” or “caneberries” from the label because it was added after the risk assessments were well underway.

- 3. When notified, submit a label amendment within the same timeframe imposed on other soil fumigant registrants that adds the second phase of soil fumigant label changes required by the Agency.
- 4. Submit each of the following conditional studies by the specified due date. However, if new uses are submitted to the Agency before the specified due dates, then the required studies must be submitted with the application for new uses. Details concerning the required submissions and actions can be found in the scientific reviews and risk assessments.

a. Submit, by June 30, 2012, a Field Volatility from Soil study (Guideline Number (GLN) 835.8100) (for flux from fields following broadcast shank, raised-bed shank, and raised-bed drip irrigation applications that are covered by high barrier tarp).

b. Submit, by June 30, 2012, an Estimation of Inhalation Exposure, Outdoor Sites (GLN 835.1300) (occupational inhalation exposure for broadcast shank, raised-bed shank, and raised-bed drip irrigation applications that are covered by high barrier tarp).

c. Submit, by June 30, 2011, Environmental Chemistry Methods and Independent Laboratory Validations for Soil, Water, and Air.

d. Submit, by September 30, 2011, an Aerobic Aquatic Metabolism study (GLN 835.4400).

e. Submit, by September 30, 2011, Anaerobic Aquatic Metabolism study (GLN 835.4500).

f. For GLN 850.5400, Vegetative Vigor, submit, by September 30, 2011, either the information needed to upgrade study to an “acceptable” rating or submit a new, acceptable study.

g. Submit, by no later than September 30, 2011, an Aquatic Freshwater Invertebrate Life-Cycle Toxicity study (GLN 850.1300).

h. Submit, by no later than September 30, 2011, an Aquatic Saltwater Invertebrate Life-Cycle Toxicity study (GLN 850.1350).

i. Submit, by no later than September 30, 2011, a Freshwater Fish Early Life-Stage Toxicity study (GLN 850.1400).

j. Submit, by no later than September 30, 2011, a Saltwater Fish Early Life-Stage Toxicity study (GLN 850.1400).

5. Submit two copies of the revised final printed label for the Agency’s records before you release the product for shipment

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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.

Attachments: Product label stamped "ACCEPTED with COMMENTS"

ACCEPTED 4 7 6
with COMMENTS
In EPA Letter Dated:
JUL 9 2010

PALADIN[®] Technical

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

55050-3

ACTIVE INGREDIENT:

Dimethyl disulfide 99.8%

OTHER INGREDIENTS: 0.2%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

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

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 by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

IF ON SKIN:

- 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 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact Rocky Mountain Poison Control Center at (303) 623-5716 for emergency medical treatment information.

EPA Registration No. 55050-_____

EPA Establishment No. 055050-FRA-003

NET CONTENTS: _____

Arkema Inc.
2000 Market St.
Philadelphia, PA 19103

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)**

WARNING

May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Do not breathe vapor. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

WPS Uses: Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard, 40 CFR Part 170, must wear:

- long-sleeved shirt and long pants
- shoes plus socks
- chemical-resistant gloves (such as nitrile or butyl).

Follow the 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 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.

PHYSICAL HAZARDS

ENVIRONMENTAL HAZARDS

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. Do not contaminate water when disposing of equipment washwaters.

This product contains flammable liquid and vapor. Keep away from heat and open flame.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

PALADIN Technical may only be used for repacking or formulation into end-use products intended for preplant fumigation of soil to control soil borne pests for the cultivation of the following fruiting vegetables: tomatoes, peppers, and eggplant; the following cucurbit crops: cucumbers, squash (all varieties), and melons (all varieties); the following small fruit crops: strawberries, blueberries, and caneberries; field grown ornamentals; and forest nursery crops. This product may also be used to formulate products for any additional use(s) not listed on this manufacturing use label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding support of such use(s). Manufacturer disclaims liability for

claims or damages resulting from any use of a formulated product in a manner not listed on this label.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a well-ventilated area away from heat and sources of ignition such as flames, sparks, and static electricity. Do not store near or with oxidizers. Store only in areas that are authorized for flammable material storage. Cylinder storage must be in an area as designated by local and State requirements. Make certain cylinder tops are closed and cylinder remains in an upright position. Store only in original containers.

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 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 or your local Arkema Inc. representative.

Container Disposal: When cylinder is empty, close valve, screw safety cap onto valve outlet, and replace protection bonnet before returning to shipper. Only Arkema Inc. is authorized to refill cylinders. Do not use cylinders for any other purpose. Follow supplier's instructions for return of empty or partially empty cylinders.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials, resistant strains or other influencing factors in the use of the product. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Arkema Inc., Manufacturer and Seller harmless for any claims relating to such factors. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARKEMA INC. AND MANUFACTURER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ON THIS LABEL.

To the extent consistent with applicable law, Arkema Inc., Manufacturer or Seller shall not be liable for any incidental, consequential or special 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, AND THE EXCLUSIVE LIABILITY OF ARKEMA INC., MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ARKEMA INC., MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Arkema Inc., Manufacturer and Seller offer this product, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of Arkema Inc.

Revision 05/24/2010