

55050-3

8/22/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Laura Anderson
Arkema Inc
900 First Avenue
King of Prussia, PA 19406

AUG 22 2012

Subject Application for Pesticide Notification (PRN 98-10)
 Paladin Technical
 EPA Registration No 55050-3
 Decision No 468494
 Submission Date 7/31/12

Dear Ms Anderson

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 2007-4 and finds that the action requested falls within the scope of PRN 2007-4.

The Agency acknowledges the revised Storage and Disposal language.

The label submitted with the application has been stamped "Notification" and will be placed in our records. If you have questions concerning this letter, please contact Dominic Schuler at (703) 347-0260 or via email at schuler.dominic@epa.gov

Sincerely,

A handwritten signature in black ink that reads "Tony Kish".

Tony Kish
Product Manager 22
Fungicide Branch
Registration Division (7504P)

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Please read instructions on reverse before completing form
2 28 95

Form Approved OMB No 2070 0060 Approval expires

	United States Environmental Protection Agency Washington DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide – Section I

1 Company/Product Number Arkema 55050 3	2 EPA Product Manager Tony Kish	3 Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4 Company/Product (Name) PALADIN® Technical	PM# 22	
5 Name and Address of Application (Include ZIP Code) Arkema Inc 900 First Avenue King of Prussia PA 19406 <input type="checkbox"/> Check if this is a new address		6 Expedited Review In accordance with FIFRA Section 3(c)(3) (b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____

NOTIFICATION
AUG 22 2012

Section II


<input type="checkbox"/> Amendment – Explain below <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification – Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> Me Too Application <input type="checkbox"/> Other – Explain below
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Explanation Corrections to storage and disposal section label requested by Agency

Section III

Child Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No <small>If Yes Unit Packaging wgt No per Container</small>	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No <small>If Yes Package wgt No per container</small>	2 Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
3 Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4 Size(s) Retail Container	5 Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6 Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)		
Name Laura J Anderson	Title Product Regulatory Manager	Telephone No (Include Area Code) 610 205 7819
Certification I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law		6 Date Application Received (Stamped)
2 Signature 	3 Title Product Regulatory Manager	
4 Typed Name Laura J Anderson	5 Date 7/31/2012	



July 31 2012

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U S Environmental Protection Agency
1200 Pennsylvania Avenue N W
Washington DC 20460

Subject Notification of Labeling Changes to Paladin Technical (55050-3)

Please find attached the Form 8570-1 and a copy Paladin® Technical (55050 3) At the request of Dominic Schuler in an email dated 7/11/2012 I have updated the storage and disposal section of the label to represent only the bulk containers Paladin Technical is never shipped in smaller containers

Summary of Changes

Old Paladin Technical label read in the storage and disposal section

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

Edits requested and approved by the Agency in email dated 7/11/2012

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 Storage must be in an area as designated by local and State requirements Store only in original containers

Pesticide Disposal Pesticide wastes are toxic Improper disposal of excess pesticide 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 container is empty follow supplier s instructions for return

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I certify that this notification is consistent with the provisions of PR Notice 2007-4 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 2007-4 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please do not hesitate to contact me if you have any questions or concerns.

Sincerely,



Laura Anderson
Lead Product Stewardship Specialist
Arkema Inc

900 First Avenue
King of Prussia PA 19406
Laura.Anderson@arkema.com

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

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 and blueberries, 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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, birds, fish, and aquatic invertebrates 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

“Dimethyl Disulfide (DMDS) cannot be formulated into end-use products labeled for preplant or pre-transplant uses unless the end-use registrant makes available to certified applicators who purchase or apply the end-use product a registrant developed training program approved by EPA The training program must provide information on (1) how to correctly apply the fumigant, including how to comply with new label requirements, (2) how to protect handlers and bystanders, (3) how to determine buffer zone distances, (4) how to complete an FMP and the post-application summary, (5) how to determine when weather and other site-specific factors are not favorable for fumigant application, (6) how to comply with required GAPs and how to document compliance with GAPs in the FMP, and (7) how to develop and implement emergency response plans The registrant developed training program must be made available at least annually to the

certified applicators The end-use registrant must be able to provide, upon request, the names, addresses, and certified applicator license and/or certificate number of persons who successfully complete the registrant developed training program

DMDS cannot be formulated into end-use products labeled for pre-plant or pre-transplant uses unless the end-use registrant ensures Buffer Zone signs suitable for posting buffer zones or templates for the buffer zones signs are available to its downstream distributors/customers who in turn will provide the signs at the point of sale Templates may be downloaded from [http //www epa gov/pesticides/reregistration/soil_fumigants/index htm](http://www.epa.gov/pesticides/reregistration/soil_fumigants/index.htm)

The Buffer Zone sign must meet the following standards

- Signs must remain legible during the entire posting period, and must meet the general standards outlined in the WPS for sign size, text size, and legibility (see 40 CFR §170.120)

Contents of Sign



DO NOT ENTER/NO
 ENTRE
 - "Dimethyl Disulfide
 [Name of Product] Fumigant
 BUFFER ZONE,
 space for contact
 information for the certified
 applicator in charge of the
 fumigation"

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 Storage must be in an area as designated by local and State requirements Store only in original containers

Pesticide Disposal Pesticide wastes are toxic Improper disposal of excess pesticide 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 container is empty, follow supplier's instructions for return

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 07/11/2012 v1