

55050-4

7/18/2012

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U S ENVIRONMENTAL PROTECTION AGENCY
 Office of Chemical Safety and Pollution Prevention
 Office of Pesticide Programs
 Registration Division (7504P)
 1200 Pennsylvania Ave NW
 Washington DC 20460

EPA Reg Number
55050 6

Date of Issuance
JUL 1 8 2012

Term of Issuance
 Unconditional

Name of Pesticide Product
Paladin MUP

NOTICE OF PESTICIDE

Registration
 Reregistration
 (under FIFRA as amended)

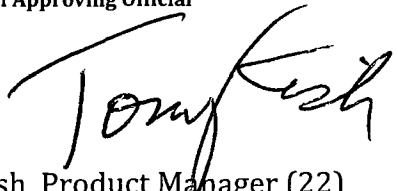
Name and Address of Registrant (include ZIP Code) Arkema Inc 900 First Avenue King of Prussia PA 19406	Mailed to Laura Anderson Product Regulatory Manager
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Note Changes in labeling differing in substance from that accepted in connection with this registration 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 unconditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you

- 1 Submit and/or cite all data required for registration of your product under FIFRA sec 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

Signature of Approving Official

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

Date
JUL 1 8 2012

2016

Notice of Pesticide Registration
Paladin MUP
EPA Reg No 55050 6
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- 2 Make the following change to the label
 - a Change the product registration number to EPA Reg No 55050 6
 - b In the Storage and Disposal section delete the sentence Do not use container for any other purpose
- 3 Submit one copy of the revised final printed label for the record before the product is released for shipment

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

Enclosure

Label stamped Accepted with Comments

**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 MUP 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

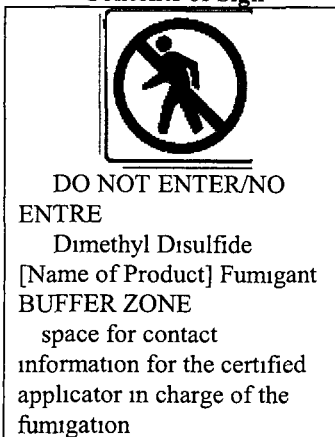
comply with required GAPs and how to document compliance with GAPs in the FMP and (7) how to develop and implement emergency response plans The registrant developed training program must be made available at least annually to the certified applicators The end use registrant must be able to provide upon 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



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 Do not use container for any other purpose

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.

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