



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

JUL 18 2008

Christie Hitchcock  
Registration Specialist  
Makhteshim Agan of North America, Inc.  
4515 Falls of Neuse Rd., Suite 300  
Raleigh, NC 27609

Subject: Label Notification(s) for Pesticide Registration Notice 98-10 and 2007-4

Dear Ms. Hitchcock:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 and 2007-4 dated June 19, 2008 for:

**EPA Registration 66222-23**  
**EPA Registration 66222-22**

**Pramitol 5PS Pelleted Herbicide**  
**Pramitol 25E**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 98-10 and 2007-4 and finds that the label change(s) requested falls within the scope of PRN 98-10 and 2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-8893.

Sincerely,



Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



Document Processing Desk (NOTIF)  
Registration Division (7504P)  
OPP, USEPA  
Ariel Rios Building  
1200 Pennsylvania Ave, NW  
Washington DC 20460

To Whom It May Concern:

- Added "Manufactured for" in front of the company name (allowed per PRN 98-10 §II(N)(2))
- Added a voluntary marketing statement about use of an adjuvant (allowed per PRN 98-10, §II(N)(3))
- Updated the Warranty Statement that is now consistent with EPA's guidance document dated 10-17-06) (allowed per PRN 98-10 §II(J))
- Added Emergency Responder phone numbers in First Aid and/or Storage & Disposal sections (allowed per PRN 2006-01 §II(E))
- Updated address on product-specific labeling (allowed per PRN 98-10 §IV(D))(note; official EPA records have already been updated; we're just correcting this label)
- Updated container disposal instructions per PRN 2007-4

- Application for Pesticide Registration (EPA Form 8570-1)
- One copy of final printed labeling

Sincerely,

Enclosures



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

**Application for Pesticide - Section I**

|   |  |  |
|---|--|--|
| 1. Company/Product Number<br>66222-22   | 2. EPA Product Manager<br>Linda Arrington  | 3. Proposed Classification<br><input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name)<br>Pramitol 25E   | PM#<br>Registration Support Branch   |  |
| 5. Name and Address of Applicant (Include ZIP Code)<br>Makhteshim Agan of North America, Inc.<br>4515 Falls of Neuse Rd., Suite 300<br>Raleigh, NC 27609<br><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:<br><b>NOTIFICATION</b><br>EPA Reg. No. _____<br>JUL 18 2008<br>Product Name _____ |  |

**Section - II**

|  |  |
|--|--|
| <input type="checkbox"/> Amendment - Explain below.                            | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application.   |
| <input checked="" type="checkbox"/> Notification - Explain below.              | <input type="checkbox"/> Other - Explain below.  |

**Explanation:** Use additional page(s) if necessary. (For section I and Section II)

Notification per PRN 98-10 & 2007-4: This notification is consistent with the provisions of PR Notice 98-10 & 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 false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 & 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.

**Section - III**

|  |  |   |                                      |  |  |
|--|--|---|--------------------------------------|--|--|
| 1. Material This Product Will Be Packaged In:  |  |   |                                      | 2. Type of Container                           |  |
| Child-Resistant Packaging<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No  | Unit Packaging<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | Water Soluble Packaging<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |                                      | <input checked="" type="checkbox"/> Metal      |  |
| * Certification must be submitted  |  |   |                                      | <input checked="" type="checkbox"/> Plastic    |  |
|  |  |   |                                      | <input type="checkbox"/> Glass                 |  |
|  |  |   |                                      | <input type="checkbox"/> Paper                 |  |
|  |  |   |                                      | <input type="checkbox"/> Other (Specify) _____ |  |
| 3. Location of Net Contents Information<br><input checked="" type="checkbox"/> Label <input type="checkbox"/> Container  | 4. Size(s) Retail Container<br>1 qt - 55 gallon  | 5. Location of Label Directions<br><input checked="" type="checkbox"/> on label                   |                                      |  |  |
| 6. Manner in Which Label is Affixed to Product<br><input checked="" type="checkbox"/> Lithograph<br><input type="checkbox"/> Paper glued<br><input type="checkbox"/> Stenciled |  |   | <input type="checkbox"/> Other _____ |  |  |

**Section - IV**

|   |  |                                     |  |   |   |
|---|--|-------------------------------------|--|---|---|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)   |  |                                     |  |   |   |
| Name<br>Christie Hitchcock  |  | Title<br>Registration Specialist    |  | Telephone No. (Include Area Code)<br>919-256-9342 |   |
| <b>Certification</b><br>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.<br>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<br>(Stamped) |
| 2. Signature<br><i>Christie Hitchcock</i>   |  | 3. Title<br>Registration Specialist |  |   |   |
| 4. Typed Name<br>Christie Hitchcock   |  | 5. Date<br>06-19-08                 |  |   |   |

NOTIFICATION

JUL 18 2008

# PRAMITOL<sup>®</sup> 25E

## HERBICIDE

### FOR TOTAL VEGETATION CONTROL OF WEEDS IN NONCROP AREAS

Bare ground weed control around buildings, storage areas, fences, pumps, machinery, fuel tanks, recreational areas, roadways, guard rails, airports, military installations, highway medians, pipelines, railroads, lumberyards, industrial sites, rights-of-way, and similar areas...

1 gallon treats up to 10,000 sq. ft.

#### ACTIVE INGREDIENT:

% BY WT.

Prometon: 2,4-bis(isopropylamino)-6-methoxy-s-triazine ..... 25.0%

INERT INGREDIENTS: ..... 75.0%

TOTAL 100.0%

### KEEP OUT OF REACH OF CHILDREN

## WARNING

#### 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 do so by a poison control center or doctor.
  - Do not give anything by mouth to an unconscious person.
- 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.
- IF ON SKIN OR CLOTHING:**
- 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:**
- 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.

**Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact ProSAR at 1-877-250-9291 for emergency medical treatment information.**

**NOTE TO PHYSICIAN:** Contains petroleum distillate; vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage. Treat for circulatory shock, respiratory depression, and convulsions, if needed.

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if swallowed, absorbed through skin, or inhaled. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling.

#### 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 used for irrigation or domestic purposes. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

**NET CONTENTS: \_\_\_\_ GALLON(S)**

EPA Reg. No. 66222-22

EPA Est. No. [REDACTED]

Manufactured for:  
Makhteshim Agan of North America, Inc.  
4515 Falls of Neuse Road, Suite 300  
Raleigh, NC 27609

## PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill, or store near heat or open flame. Store at temperatures above 32°F.

## DIRECTIONS FOR USE

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

## GENERAL INFORMATION

Pramitol 25E is a nonselective herbicide that can be applied in water or oil before or after plant growth begins. Although Pramitol 25E has considerable activity through foliar contact, much of its activity is through roots; therefore, **its effectiveness is dependent on rainfall to move it into the root zone. Very dry soil conditions and lack of sufficient rainfall may result in poor weed control.**

**Important:** Use only in areas where complete control of all vegetation is desired such as industrial sites, rights-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.

Following many years of continuous use of this product and chemically related products, biotypes of some of the weeds listed on this label have been reported which cannot be effectively controlled by this and related herbicides. Where this is known or suspected, we recommend the use of this product in combination with other registered herbicides which are not triazines. Consult with your State Agricultural Extension Service for specific recommendations.

Pramitol 25E is generally non-corrosive to equipment but may cause swelling or more rapid deterioration of hoses and fittings containing natural rubber.

When an adjuvant is to be used with this product, Makhteshim Agan of North America, Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

## INDUSTRIAL SITES AND NONCROP AREAS

Pramitol 25E can be applied before or up to 3 months after weed emergence. Application rates vary from 5 - 10 gals. of Pramitol 25E per acre depending on climatic conditions, soil type, the weeds present, and the stage of growth of the weeds. In the following rate recommendations, the higher rates are intended for use on heavier soils where weed growth is heavy and where rainfall is expected to be relatively high. The higher rates should also be used where longer residual control is desired in regions with a long growing season.

Although Pramitol 25E has considerable activity through foliar contact, much of its activity is through roots; therefore, **its effectiveness is dependent on rainfall to move it into the root zone. Very dry soil conditions and lack of sufficient rainfall may result in poor weed control.**

For best results, apply Pramitol 25E before weeds emerge or when weeds are young and actively growing.

For control of annual and susceptible perennial weeds and grasses such as downy brome grass, oatgrass, goosegrass, quackgrass, puncturevine, goldenrod, and plantain: Broadcast 4.0 - 6.125 gals. Pramitol 25E in 50 - 100 gals. of water per acre.

For control of hard-to-kill perennial weeds and grasses such as johnsongrass, bindweed, and wild carrot: Broadcast 7.5 - 10 gals. of Pramitol 25E in 50 - 100 gals. of water per acre.

For faster top-kill of existing vegetation, apply Pramitol 25E in diesel oil, fuel oil, or weed oil. Use oils at rates of 100 - 200 gals. per acre. Tall, dense vegetation such as johnsongrass will generally require 150 or more gals. of oil per acre for thorough coverage.

When applying Pramitol 25E to a small area with backpack or pump-up sprayers with capacities of 1 - 3 gals., calibrate the sprayer so that 1 gal. of water covers 500 sq. ft. Then mix 1/2 - 7/8 pt. Pramitol 25E with water to obtain a total volume of 1 gal. and apply uniformly over a 500 sq. ft. area. For hard-to-kill perennial weeds and grasses, use the higher rate. If green foliage is present, part or all of the water can be substituted with oil to provide burndown.

**PRECAUTIONS WHEN USED ON INDUSTRIAL SITES AND NONCROP AREAS:** (1) Feeder roots of desirable plants often extend far beyond the drip line of the branches. Do not apply this product or drain or flush application equipment in locations where the chemical may come into contact with root zones of desirable trees, shrubs, or plants or injury may occur. (2) Do not use on land to be cropped. (3) Do not use for weed control in greenhouses.

## ASPHALT PAVEMENT

Pramitol 25E may be used to extend the useful life of asphalt pavement by preventing weeds from emerging through it. Pramitol 25E may be applied to the ground before laying asphalt or it may be mixed with cutback asphalts.

Pramitol 25E should be used only where the area to be treated has been prepared according to good construction practices. If rhizomes, tubers, or other vegetative parts are present in the site, they should be removed by scalping with a grader blade. Recomposition of the site following disking or plowing will allow good penetration of Pramitol 25E and will help to ensure proper asphalt curing and good weed control.

Pramitol 25E will not control woody vegetation such as small trees, brush, or woody vines. Roots of such species should be grubbed and removed from the site before application.

**Under Asphalt:** Pramitol 25E may be applied to the ground before laying rapid, medium, or slow curing asphalt coatings such as those used on parking lots, highway shoulders and median strips, roadways, and other industrial sites. Pramitol 25E should be applied just before laying of the asphalt coating to prevent possible lateral movement of the herbicide by rainfall or other mechanical means. Sprayers should be equipped to provide continuous agitation of the spray mixture during application to ensure application of a uniform spray emulsion.

Apply Pramitol 25E uniformly at the rate of 7.5 - 10 gals. per acre (22.0 - 29.4 fl. oz. per 1,000 sq. ft.) in a minimum of 100 gals. of water. Use the lower rate to control annual and susceptible perennial weeds and grasses such as downy brome grass, oatgrass, goosegrass, quackgrass, puncturevine, goldenrod, and plantain. Use the higher rate to control hard-to-kill perennial weeds and grasses such as johnsongrass, bindweed, and wild carrot.

*Do not use Pramitol 25E under asphalt coatings less than 2 inches thick.*

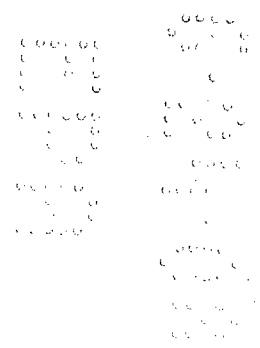
**Mixed with Cutback Asphalt:** Pramitol 25E may be mixed with standard and special cutback asphalts (such as RC, MC, and SC) for weed control in areas being stabilized such as highway shoulders, highway median strips, under highway fences and guard rails, along airport runways and lights, soil and small stone aggregates on shoulders, and cracked asphalt surfaces being resurfaced.

Pramitol 25E should be simultaneously mixed with the cutback asphalt as it is being pumped into the applicator or transport truck to assure a homogeneous mix. Temperatures in the applicator or transport truck should not exceed 170°F.

Pramitol 25E should be used at the rate of 22.0 - 29.4 fl. oz. per 1,000 sq. ft. (equivalent to 7.5 - 10 gals. per acre of Pramitol 25E). Use the lower rate on ordinary weed and grass complexes such as dallisgrass, King Ranch bluestem, knotroot bristlegrass, and the higher rate where johnsongrass, bermudagrass, or other deep-rooted perennials are present.

In arid areas where deep-rooted perennials are a problem, best results can be obtained by making the application from midsummer through late fall or prior to the rainy season.

**PRECAUTIONS WHEN USED UNDER ASPHALT OR MIXED WITH CUTBACK ASPHALT:** (1) Do not apply cutback asphalt mixtures containing Pramitol 25E to soil saturated with water. The condition of the soil should be favorable for penetration or proper asphalt curing may be affected. (2) Do not apply Pramitol 25E with asphalt emulsions such as SS. (3) Feeder roots of desirable plants often extend far beyond the drip line of the branches. Do not apply this product or drain or flush application equipment in locations where the chemical may come into contact with root zones of desirable trees, shrubs, or plants or injury may occur. (4) Do not use on land to be cropped. (5) Do not use for weed control in greenhouses.



## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store at temperatures above 32°F.

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

### CONTAINER DISPOSAL:

**Nonrefillable Container (five gallons or less):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Nonrefillable Container (greater than five gallons):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container 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. Turn the container over onto its other 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.

**Refillable Container:** Refillable container. Refill this container with prometon only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL INFOTRAC AT (800) 535-5053.**

## LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions 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 Makhteshim Agan of North America, Inc. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Makhteshim Agan of North America, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Makhteshim Agan of North America, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Makhteshim Agan of North America, Inc.'s election, the replacement of product.

Pramitol® is a registered trademark

Pramitol 25E (66222-22)(EPA app 8-4-10)(101-f to EPA 06-19-08)