

5481-8988

2/15/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Julie Porter
AMVAC Chemical Corporation
4695 MacArthur Court, Suite 1200
Newport Beach, CA 92660

FEB 15 2012

Product Name: Turficide 10% Granular
EPA Reg. No.: 5481-8988
Subject: Notification dated January 12, 2012: Addition of ABN
EPA Decision Number: 460952

Dear Ms. Porter:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested falls within the scope of PRN 98-10.

The Agency acknowledges the addition of the alternate brand name "Blocker 10G."

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 Erin Malone at 703-347-0253 or via email at malone.erin@epa.gov.

Sincerely,

A handwritten signature in cursive script, reading "Mary L. Waller", is positioned above the typed name and title.

Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7504P)



United States
Environmental Protection Agency
Washington, DC 20460

- ☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

| | | |
|---|---------------------------------------|---|
| 1. Company/Product Number 5481-8988 | 2. EPA Product Manager Mary Waller | 3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) Turficide 10% Granular | PM# 21 | |
| 5. Name and Address of Applicant (Include Zip Code) AMVAC Chemical Corporation 4695 MacArthur Court, Suite 1200 Newport Beach, CA 92660 <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 _____ |

Section - II

- ☐ Amendment - Explain below ☐ Final printed labels in response to Agency letter dated _____
- ☐ Resubmission in response to Agency letter dated _____ ☐ "Me Too" Application
- ☒ Notification - Explain below ☐ Other - Explain below

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

Notification per PR Notice 98-10. AMVAC intends to market the subject product under the Alternate Brand Name Blocker 10G. Concurrently submitted with this application, under separate cover, this Brand Name is in the process of cancellation from the EPA Reg. No. 5481-211. Alternate Brand Name Labeling for Blocker 10G is enclosed (Ref. No. 8988-20120112r1).

Section - III

| | | | |
|---|---|---|--|
| 1. Material This Product Will Be Packaged In: | | | |
| Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wt. | Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package wt. | 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) _____ |
| * Certification must be submitted | | | |
| 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"/> Lithographed <input type="checkbox"/> Paper glued | | <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 Julie Porter | Title Regulatory Specialist | Telephone No. (Include Area Code) 949-221-6104 | |
| 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. | | | 8. Date Application Received (Stamped) |
| 2. Signature | 3. Title Regulatory Specialist | | |
| 4. Typed Name Julie Porter | 5. Date 12-Jan-2012 | | |



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12 January 2012

Ms. Mary L. Waller, PM-21
Document Processing Desk
OPP/RD, Fungicide Branch (7504P)
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460-0001

**Subject: Notification to add Alternate Brand Name per PR Notice 98-10 for:
Turficide 10% Granular (EPA Reg. No. 5481-8988)**

Dear Mary:

This is to notify the Agency that AMVAC intends to market the subject product under the Alternate Brand Name Blocker 10G. Concurrently submitted with this application, under separate cover, this Brand Name is in the process of cancellation from the EPA Reg. No. 5481-211.

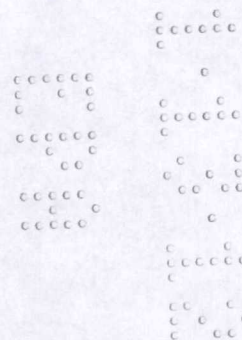
In support of this application, please find the following documents enclosed:

- Application for Registration form (EPA Form 8570-1).
- One Copy of Alternate Brand Name Labeling (Ref. No. 8988-20120112r1).

Please feel free to contact me with any questions at 949-221-6104 or email juliep@amvac-chemical.com.
Thank you for your attention to this matter.

Best Regards,

Julie Porter
Regulatory Specialist



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NOTIFICATION

FEB 15 2012

Blocker® 10G

AGRICULTURAL CROP FUNGICIDE

ACTIVE INGREDIENT: (% by weight)

Pentachloronitrobenzene (PCNB)..... 10.0%

INERT INGREDIENTS:..... 90.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 in eyes: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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 swallowed: | <ul style="list-style-type: none"> • 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person. |
| If inhaled: | <ul style="list-style-type: none"> • 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. |
| EMERGENCY INFORMATION | |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. | |
| FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY: | |
| Medical: AMVAC..... | 1-323-264-3910 |
| Transportation: CHEMTREC..... | 1-800-424-9300 |

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. 5481-8988

EPA Est. No. _____

NET WEIGHT: _____ Lbs.



4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A
1-323-264-3910

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dust. This material may cause skin irritation. Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Cover, collect, or incorporate spilled granules. Do not contaminate water when disposing of equipment washwaters. Do not apply directly adjacent to potable water supplies. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof materials
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170), WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Reentry Statement:

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter or allow others to enter treated areas until area has been irrigated and turf has dried.

PRODUCT INFORMATION

Blocker 10% Granular is a preventive fungicide labeled for control of certain soil borne diseases on cabbage, cauliflower, Brussels sprouts, broccoli, cotton, and potatoes. Best results are achieved when used in a preventive program following specified rates and application directions. Carefully read, understand and follow label directions.

Restrictions

- Use of Blocker 10% Granular is prohibited on
 - golf course roughs;
 - sod farms, and industrial parks and professional and college athletic fields where turf is grown;
 - residential sites including lawns, yards, and ornamental plants and gardens around homes and apartments;
 - grounds around day care facilities;
 - school yards;
 - parks;
 - playgrounds; and
 - athletic fields.
- Do not plant root crops in PCNB treated fields within 12 months of broadcast or banding applications unless PCNB is registered for use on those crops.
- Do not graze treated areas or feed clippings to livestock.
- Use of any hand held application equipment is prohibited.
- Aerial application is prohibited.
- Apply using tractor drawn equipment only.

AGRICULTURAL CROPS

USE AND RATE REQUIREMENTS FOR VEGETABLES

| CROP | DISEASE | PRODUCT APPLICATION RATE | APPLICATION DIRECTIONS |
|----------|---|---|---|
| Cabbage* | Clubroot (<i>Plasmodiophora brassicae</i>) | 67.5 lbs. per 13,100 linear feet of row | PRE-TRANSPLANTING ROW TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. |

| CROP | DISEASE | PRODUCT APPLICATION RATE | APPLICATION DIRECTIONS |
|-------------------|--|---|---|
| | | 225 lbs. per acre | BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control. |
| Cauliflower* | Clubroot (<i>Plasmodiophora brassicae</i>) | 56 lbs. per 10,900 linear feet of row | PRE-TRANSPLANTING ROW TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. |
| | | 225 lbs. per acre | BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control. |
| | Wire Stem or Bottom Rot (<i>Rhizoctonia solani</i>) | 37 lbs. per 10,900 linear feet of row For small areas, use 5.1 lbs. per 1000 sq. ft. | BAND ROW TREATMENT: Apply in an 8-inch wide band centered on the row immediately before planting. Mix granules into soil before planting to a depth of 2 inches. |
| Brussels sprouts* | Clubroot (<i>Plasmodiophora brassicae</i>) | 67.5 lbs. per 13,100 linear feet of row | PRE-TRANSPLANTING ROW TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. |
| | | 225 lbs. per acre | BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control. |
| Broccoli* | Clubroot (<i>Plasmodiophora brassicae</i>) | 67.5 lbs. per 13,100 linear feet of row | PRE-TRANSPLANTING ROW TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. |
| | | 225 lbs. per acre | BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control. |

| CROP | DISEASE | PRODUCT APPLICATION RATE | APPLICATION DIRECTIONS |
|---|---|--|---|
| Collards*, Kale*, Mustard greens* | Clubroot (<i>Plasmodiophora brassicae</i>) | 67.5 lbs. per 13,100 linear feet of row 225 lbs. per acre | PRE-TRANSPLANTING ROW TREATMENT: Apply in a 12 to 15-inch band. Apply and roto-till the granules to a depth of 4 to 6 inches just before transplanting. BROADCAST TREATMENT: Apply to the soil surface prior to transplanting, then disc the granules into the soil 4 to 6 inches deep. Thorough mixing with the soil will give best disease control. |
| Potatoes** | Stem Canker and Black Scurf (<i>Rhizoctonia solani</i>) | 1.65 lbs. per 1,000 linear feet of row (equivalent to an application rate of 25 lbs. per field acre assuming a 34-inch row spacing) | IN-FURROW TREATMENT: Apply in-furrow in an 8.5-inch band. Direct the product into the furrow over the seed and cover as part of the hilling operation during planting. It is best to apply when the soil is slightly moist. Do not harvest within 45 days of application. |

*Applications on cole crops are limited to a maximum application rate of 22.5 lbs. ai/A per season. Use on collards, kale and mustard greens restricted to the State of Georgia.

**Not for use in California.

USE AND RATE REQUIREMENTS FOR COTTON

| CROP | DISEASE | PRODUCT APPLICATION RATE | APPLICATION DIRECTIONS |
|--------|--|---|--|
| Cotton | Damping-off (<i>Rhizoctonia solani</i>) | 10 to 20 lbs. per acre (equivalent to 1 to 2 lbs. per 1,300 linear feet based on a 40-inch spaced row) | IN-FURROW SOIL TREATMENT: Apply over the seed and immediately cover with soil at planting time. Do not allow livestock to graze or feed on cotton foliage in treated fields. |

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a dry location.

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 by use 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.

CONTAINER DISPOSAL: Paper Bags: Nonrefillable container. Do not reuse or refill this container.

Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Cardboard Canisters: (Commercial) Nonrefillable container. Do not reuse or refill this container. Completely empty canisters into application equipment. Then dispose of container in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

Blocker is a registered trademark of Amvac Chemical Corporation.

AMVAC Chemical Corporation
4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A.
1-323-264-3910

