

NOTICE OF PESTICIDE:

☒ REGISTRATION  
☐ REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

TERM OF ISSUANCE

Conditional

NAME OF PESTICIDE PRODUCT

Bird Shield Bird Repellent  
Concentrate

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

PM-14  
Bird Shield Repellent Corp.  
420 West Main Street  
Pullman, WA 99163

Reg # 66550-1

5-494387

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NOTE: Changes in labeling formula 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 U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

We concur with your assessments of the efficacy submitted (MRID No. 437202-01) and the data included in your submission of September 22, 1995. Under the conditions of testing, pools treated with the product were highly aversive to ducks and geese of the types tested if the treatment rate met or exceeded 500 ml of product per 190 gallons of water. At lower treatment rates, birds' use of the various pools apparently was determined largely by factors other than Bird Shield treatments. To us, these results indicate that the product could be successfully used to keep birds from standing water, but that the product also could fail if its concentration were too low.

Absent additional relevant efficacy data, any future proposed application directions pertaining to the use of Bird Shield in standing water must be written in such a way that the lowest treatment rate found to be effective in these trials is the minimum concentration of product prescribed by the labeling.

The Agency has determined that the Confidential Statement of Formula (CSF), dated July 15, 1995, is acceptable. A copy of this CSF has been placed in our file for this product. All previous versions are obsolete.



ATTACHMENT IS APPLICABLE.

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SIGNATURE OF APPROVING OFFICIAL

DATE

This product is conditionally registered in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)(7)(A) provided that:

A. Within one year of registration, or October 3, 1996, you need to submit the following studies on Bird Shield Bird Shield Repellent:

1. Eye Irritation Study (81-4)
2. Skin Irritation Study (81-5)
3. Acute Freshwater Fish LC-50 (154-8)
4. Freshwater Invertebrate (154-9)

In place of a new freshwater invertebrate study only, you can use the prior study, if you can document the percent purity. Otherwise, a new study is needed.

B. Within one year of notification, you need to submit the following study on Bird Shield Bird Shield Repellent:

1. Avian Acute Dietary (154-7)

C. You make the following labeling changes before you release the product for shipment:

1. Add "EPA Reg. No. 66550-1" to your label.
2. Revise your Ingredient Statement as follows:

ACTIVE INGREDIENT

Methyl Anthranilate (MA), methyl 2-aminobenzoate . 26.4%

INERT INGREDIENTS . . . . . 73.6%  
TOTAL 100.0%

This product contains 2.29 lbs. of Methyl Anthranilate (MA) per gallon.

This concentrate has been formulated from food grade ingredients that meet or exceed U.S. standards.

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3. Revise your precautionary statements on the Front Panel as follows:

**WARNING**  
**KEEP OUT OF REACH OF CHILDREN**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING**

Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes, or on clothing. When handling (including mixing, loading and application), wear safety glasses, and dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). Wash thoroughly with soap and water after handling.

**FIRST AID**

**IF IN EYES:** Hold eyelids open and flush with a steady stream of water for 15 minutes. Call a physician if irritation persists.

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**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.

[Note: The above precautionary statements for acute toxicity assume the following categories of toxicity for these routes of exposure: eye (Category II); inhalation (II); oral (Category III); and skin (Category III). Once you have conducted the required eye and skin tests, the categories of toxicity and related text may change. In addition, if you ran other non-required tests (such as inhalation and oral), you may be able to eliminate other text on this label.]

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4. Make the editorial changes listed below to the "DIRECTIONS FOR USE" section of the proposed revised label submitted July 10, 1995.

- a. Change the first sentence of the "Use Restrictions" to read

"This product may be used to limit feeding by robins (Turdus migratorius), starlings (Sturnus vulgaris), Cedar waxwings (Bombycilla cedrorum), jays, magpies and crows (Corvidae), ravens (Corvus spp.), finches and sparrows (Fringillidae) and other types of fruit-eating birds on ripening cherries, blueberries, and grapes."

- b. Delete the third and fourth sentences from the "Preparation and Mixing Directions" subsection of the "DIRECTIONS FOR USE" ("Best if . . . active" and "Do not . . . surfaces"). The information in the sentences to be dropped from this subsection is more appropriate for the "Application Directions".

- c. Change the "Application Directions" subsection of the "DIRECTIONS FOR USE" to read as indicated below.

**"Application Directions"**

Blueberries, cherries, and grapes. Mix 1 part Bird Shield Repellent with 99 parts of water. Agitate mixture well before application.

Apply mixture with a commercial or back-pack sprayer, hand-held hose, or pressurized applicators. Begin making applications when fruit begins to ripen or when birds begin feeding on crop. Thoroughly wet all fruit and foliage until solution runs off treated surfaces. Re-apply every 6 to 8 days or when odor cannot be detected. Repeat treatments as necessary to retain repellency. Harvest 6 to 8 days after the last treatment, or after all odor of the product has dissipated (whichever occurs last).

This product works best if applied when birds are most active (early in the morning or late in the afternoon). Do not apply this product to wet surfaces. Repeat treatment is heavy rains occur within 24 hours of application."

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5. Revise your "STORAGE AND DISPOSAL" statements as follows:

STORAGE AND DISPOSAL

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

STORAGE: Store only ... local authorities.

Submit one copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

A stamped copy of the label is enclosed for your records.

*RRP/for*

Robert A. Forrest  
Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (H7504C)

Enclosure: 1) Stamped label  
2) A-79 Enclosure

Peacock WP#6:A:66550-1.NOT:305-5407,-6600:10/03/95

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**Bird Shield®**  
**Bird Repellent Concentrate**

| <u>Ingredients</u>                         | <u>By Wt.</u> |
|--|---------------|
| Active ingredient = methyl-2-aminobenzoate | 26.4%         |
| Inert ingredients                          | 73.6%         |
| Total                                      | 100.0%        |

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 03 1995

This product contains 2.29 lbs. of active ingredient per gallon.  
This concentrate has been formulated from food grade ingredients that meet or exceed U.S. standards under EPA Reg. No. 66550-1.

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 66550-1.

**WARNING: KEEP OUT OF REACH OF CHILDREN**

**Human, Domestic Animal and Environmental Hazards**

**Human and Domestic Animals.** Warning: May cause severe irritation to skin, mouth, or eyes. Avoid direct contact or prolonged breathing of fumes. Wear protective clothing including rubber gloves, goggles, face shield or safety glasses and dust/mist filtering respirator (MSHA/NIOSH approval number TC-21C) during handling, mixing or application of product. Wash skin and clothing thoroughly with soap and warm water after handling or contamination.

**FIRST AID:** In case of eye, mouth or skin contact flush with plenty of water. Hold eyelids open and flush with a steady stream of water for 15 minutes. If swallowed drink 1-2 glasses of water and induce vomiting by touching the back of the throat with a finger. Get medical attention immediately if irritation persists.

**ENVIRONMENTAL:** Slightly toxic to fish. Do not apply to fish bearing aquatic systems 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.

**Use Restrictions.** This product may be used to limit feeding by robins (*Turdus migratorius*), starlings (*Sturnus vulgaris*), Cedar waxwings (*Bombicilla cedrorum*), jays, magpies and crows (*Corvidae*), ravens (*Corvus spp.*), finches and sparrows (*Fringillidae*) on as well as other fruit-eating birds on ripening cherries, blueberries and grapes. Do not apply by use of aircraft.

**Preparation and Mixing Directions.** Warm, in the sun or a water bath to 75°F if any part of the formulation has solidified. Mix liquid concentrated solution with a blade or paddle until ingredients are evenly distributed before adding to water. Best if applied early in the morning or late in the afternoon when birds are the most active. Do not apply to wet surfaces. Reapply if heavy rains wet surfaces within 24 hours. Do not mix with other pesticides or fertilizers.

**Application Directions -**

Blueberries, cherries and grapes. Mix 1 part Bird Shield Repellent with 99 parts of water. Agitate well before application with commercial or back-pack sprayer, hand-held hose or pressurized applicators. Begin applications when fruit begins to ripen or birds begin feeding on crop. Thoroughly wet all fruit and foliage until solution runs off surfaces. Apply every 6 to 8 days or when odor can not be detected. Repeat as necessary to maintain repellency. Harvest 6 to 8 days after last treatment or after all odor of the product has dissipated whichever occurs last.

**STORAGE AND DISPOSAL**

**STORE** only in original container apart from pesticides, fertilizers, food or feed that may cause cross-contamination from odor and inaccessible to children, pets and domestic animals. Avoid freezing or placing containers in direct sunlight. If frozen slowly thaw and remix contents. Keep tightly closed when not in use.

**REPELLENT DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at a waste disposal facility by exposing to direct sunlight until all odor or the product has dissipated or in accordance to Federal or State Procedures.

**CONTAINER DISPOSAL:** Triple rinse. Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Bird Shield Repellent Corporation  
420 West Main Street  
Pullman, Washington 99163

EPA EST. No. 66550-WA-1  
EPA REG. No. 66550-1

Net one U.S. Gallon (3.78 litres) 128 fl. oz.

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received  
7-18-95