

8730-72



09/22/2009

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

September 22, 2009

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Priscilla MacLean  
Product Development Manager  
Aberdeen Road Company d/b/a Hercon Environmental  
P.O. Box 435  
Emigsville, PA 17318

RE: Product Name: Hercon Disrupt Micro-Flake MCH  
EPA Reg. No: 8730-72  
Application for Label Notification Dated August 31, 2009 to revise the  
storage and disposal statement

Dear Mrs. MacLean:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration (PR) Notice 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 98-10 and it has been determined that the action(s) requested falls within the scope of PR Notice 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

If you have any questions concerning this action, please feel free to contact Ms. Menyon Adams at (703) 347-8496 or email at [adams.menyon@epa.gov](mailto:adams.menyon@epa.gov).

Sincerely,

*Linda Hollis*

Linda Hollis, Chief  
Biochemical Pesticides Branch  
Biopesticides and Pollution Prevention  
Division (7511P)

	United States <b>Environmental Protection Agency</b> 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**

<b>1. Company/Product Number</b> 8730-72	<b>2. EPA Product Manager</b> Linda Hollis	<b>3. Proposed Classification</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> Hercon Disrupt Micro-Flake MCH	<b>PM#</b> BPPD #91	
<b>5. Name and Address of Applicant (Include ZIP Code)</b> Aberdeen Road Company d/b/a Hercon Environmental P.O. Box 435 Emigsville, PA 17318  <input type="checkbox"/> Check if this is a new address	<b>6. Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to:  <input checked="" type="checkbox"/> EPA Reg. No. _____  Product Name _____	

**Section - II**

**NOTIFICATION**

<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 <u>09/22/09</u> <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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Date Reviewed: 09/22/09  
Reviewed By: MKA

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

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance i PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146 and 156. 156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. See Cover Letter

**Section - III**

<b>1. Material This Product Will Be Packaged In:</b>			
<b>Child-Resistant Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  <i>* Certification must be submitted</i>	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If "Yes" Unit Packaging wgt.    No. per container	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If "Yes" Package wgt    No. per container	<b>2. Type of Container</b> <input checked="" type="checkbox"/> Metal (outside) drum <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper (outside) cardboard <input type="checkbox"/> Other (Specify) _____
<b>3. Location of Net Contents Information</b> <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	<b>4. Size(s) Retail Container</b> 18" X 24" bag polyester	<b>5. Location of Label Directions</b> <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
<b>6. Manner in Which Label is Affixed to Product</b> <input checked="" type="checkbox"/> Lithograph <input checked="" 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.)**

<b>Name</b> Priscilla MacLean	<b>Title</b> Product Development Mgr	<b>Telephone No. (Include Area Code)</b> 717-779-2018
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<b>Certification</b> 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.		<b>6. Date Application Received (Stamped)</b> ○○○○○ ○○○○○ ○○○○○ ○○○○○ ○○○○○ ○○○○○ ○○○○○ ○○○○○ ○○○○○ ○○○○○
<b>2. Signature</b> 	<b>3. Title</b> Product Development Manager	
<b>4. Typed Name</b> Priscilla MacLean	<b>5. Date</b> Aug 31, 2009	



**HERCON ENVIRONMENTAL**  
Aberdeen Road, P.O. Box 435  
Emigsville, PA 17318-0435 U.S.A.  
Phone (717) 764-1192 • Fax (717) 767-1016

August 31, 2009

Ms Linda Hollis (PM# 91)  
Biopesticide and Pollution Prevention Division (7504P)  
Office of Pesticide Programs  
US Environmental Protection Agency  
One Potomac Yard, 2777 South Crystal Dr.  
Arlington, VA 22202-4501

**Subject: Notification of Label Change per PR Notice 2007-4  
Hercon® Disrupt Micro-Flake MCH EPA Reg. No. 8730-72**

Dear Ms Hollis,

This submission is a notification of label change for the Hercon Disrupt Micro-Flake MCH registered product (EPA Reg. No. 8730-72). The notification amends the storage and disposal section of the label per **PR Notice 2007-4**. The following changes were made to the Storage and Disposal section found in this master label:

- A statement identifying the container as nonrefillable and not for reuse
- Updated disposal instructions
- Batch Codes

Complete Certification Statement

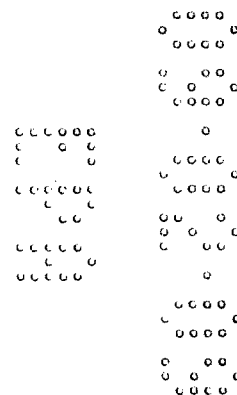
"Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146 and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146 and 156.156, 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."

Enclosed is the Notification form, this cover letter, a copy of the label with changes and a clean copy with the changes.

If you have questions or need further information please contact me at (717) 779-2018 or email me at [pmaclean@herconenviron.com](mailto:pmaclean@herconenviron.com).

Sincerely,

Priscilla MacLean  
Hercon Environmental  
Product Development Manager  
P.O. Box 435  
Emigsville, PA 17318



HERCON®

# DISRUPT MICRO-FLAKE® MCH BARK BEETLE ANTI-AGGREGANT FLAKES

HERCON DISRUPT MICRO-FLAKE® MCH is a controlled-release pheromone formulation designed to lower the incidence of attacks by certain bark beetle species, including Douglas-fir beetle (*Dendroctonus pseudotsugae*), on tree stands.

### ACTIVE INGREDIENT:

3-methyl-2-cyclohexene-1-one..... 12.50%\*

OTHER INGREDIENTS ..... 87.50%

TOTAL ..... 100.00%

### CONTENTS:

MINIMUM NET WEIGHT: 26.5 lb [12 kg]\*

\* 26.5 lb [12 kg] product will treat 5 acres (2 hectares) at 300 gm A.I./acre (750 gm A.I./ha)

Batch Code \_\_\_\_\_

**KEEP OUT OF REACH OF CHILDREN**

# C A U T I O N C U I D A D O

Read Directions and Precautionary Statements Before Use

### 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 by a poison control center or doctor.
- Do not give anything 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, and then continue rinsing.
- Call a poison control center or doctor immediately for treatment advice.

#### IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor immediately for treatment advice.

#### IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor immediately for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: [www.npic.orst.edu](http://www.npic.orst.edu)). After 4:30 pm call your poison control center at 1-800-222-1222.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Wear protective eyewear: either goggles, face shield or shielded safety glasses. Wear chemical resistant gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**Personal Protective Equipment (PPE):** Applicators and handlers must wear: long-sleeved shirt and long pants, socks, shoes, chemical resistant gloves, and protective eyewear. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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.  
Users should remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.  
Users should 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:** For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Spray valves must be shut off when passing over surface water not under the forest canopy. Do not contaminate water when disposing of equipment washwaters or rinsate.

### 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 State or Tribal agency responsible for pesticide regulations.

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## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR part 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 the label about personal protective equipment (PPE) and the restricted entry interval and notification to workers (as applicable). Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected workers or handlers may be in the area during application. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow any worker entry into treated areas during the restricted-entry interval (REI of 4 hours). For early entry into treated areas that is permitted under the Workers Protection Standard and that involves contact with anything that has been treated, such as plants, soil, water, wear coveralls, chemical resistant gloves, shoes plus socks and protective eyewear.

**APPLICATION: DISRUPT MICRO-FLAKE® MCH** is an effective management tool for certain bark beetles on various tree species. Methycyclohexanone (MCH) is an anti-aggregation pheromone that when applied in the Micro-Flake form can protect susceptible host trees from infestation by Douglas-fir beetle (*Dendroctonus pseudotsugae*). Tree species include but are not limited to Douglas fir, Englemann spruce, and other spruce tree species.

Apply **DISRUPT MICRO-FLAKE® MCH** prior to beetle flight at the rate of 5.3 lb of product (300 gm active ingredient) per acre or 6.0 kg of product (750 gm a.i.) per hectare with one application per beetle flight. Two applications are necessary if trap catches and visual assessment indicate the beetle flight has continued beyond two months since the first flake application. Use in areas such as forests, tree plantations, and nurseries; residential, municipal, and shade tree areas; recreational areas such as campgrounds, golf courses, parks and parkways, and ornamental tree plantings; shelter belts and rights of way and other easements. **Consult your local forest pest management expert before applying this material. To ensure proper rate and method of application, make application by or under the supervision of a qualified or experienced person.**

**METHOD OF APPLICATION:** Do not open pouches until ready to use. Do not use **DISRUPT MICRO-FLAKE® MCH** from damaged, punctured or unsealed bags. Apply **DISRUPT MICRO-FLAKE® MCH** on large plots of at least 10 acres or more with treated buffers to avoid edge effects.

Monitor for infestations using the Lindgren Funnel Trap and appropriate beetle attractants and by visual inspection.

Apply **DISRUPT MICRO-FLAKE® MCH** using ground or aerial equipment.

**Ground Equipment:** Hand-held fertilizer spreaders can be used for ground application of **DISRUPT MICRO-FLAKE® MCH** on small isolated wood lots.

**Aerial Equipment:** Fertilizer spreaders appropriate for use on fixed wing aircraft or helicopters can be used to apply **DISRUPT MICRO-FLAKE® MCH** on large areas. Do not allow drift from application site to contact non-target crops.

## STORAGE AND DISPOSAL:

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

**PESTICIDE STORAGE:** Store in sealed containers in a cool dry place.

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

**CONTAINER DISPOSAL:** Plastic bag: Non-refillable container. Do not refill or reuse this container. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or, if allowed by state and local authorities, by burning. If burned stay out of smoke. Do not reuse empty bag.

## WARRANTY AND LIMITATION OF DAMAGES

Hercon Environmental warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use to the extent allowed by state law. Hercon neither makes, nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, expressed or implied concerning this material except as stated above. This warranty does not extend to the use of this product contrary to the label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Hercon Environmental. If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable as determined by Hercon, refund of the purchase price. To the extent allowable by law, Hercon's maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no case will Hercon be liable for incidental, consequential or special damages resulting from handling, storage, use, misuse or abuse of this product.

Made in the USA by:

Aberdeen Road Company d/b/a  
**HERCON ENVIRONMENTAL**  
Emigsville, PA 17318-0435

EPA Reg. No. 8730-72  
EPA Est. No. 8730-PA-01

Questions? Call Toll-Free: 1-866-4-HERCON

®"HERCON" and "DISRUPT MICRO-FLAKE" are registered trademarks of Aberdeen Road Company, Emigsville, PA  
REV 081109

**NOTIFICATION**

Date Reviewed: 09/22/09

Reviewed By: MKA

