



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511P)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:
8730-72

Date of Issuance:
MAR 06 2008

NOTICE OF PESTICIDE:

Registration
(under FIFRA, as amended)

Term of Issuance: **Unconditional**

Name of Pesticide Product:
Hercon® Disrupt Micro-Flake MCH®

Name and Address of Registrant (include ZIP Code):

Aberdeen Road Company d/b/a Hercon Environmental Corporation
P.O. Box 435
Emigsville, PA 17318

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 Sec. 3(c)(5) provided you:

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Submit within 12 months data package for Guideline Study: OPPTS 830.6317 (Storage Stability).
3. Make the following label change before you release the product for shipment: Revise the EPA Registration Number to read: "EPA Reg. No. 8730-72."
4. Submit three (3) copies of the revised 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 sec. 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.

Signature of Approving Official:

W. Michael McDavit

Date: **3/6/08**

CONCURRENCES

SYMBOL	W. Michael McDavit, Associate Director	7511P	7511P	7511P			
SURNAME	Biopesticides and Pollution Prevention Division	Peter Benmhend	HVS				
DATE	EPA Form 8570-6	2/29/08	3/6/08	3/6/08			

Type Size Requirements for 3 Front Panel Headings

<u>Size of front panel square inches</u>	<u>Minimum type size for "RESTRICTED USE PESTICIDE" (if required) and Signal Word in capital letters</u>	<u>Minimum type for "Storage and Disposal" heading & "Keep Out of Reach of Children" warning</u>
5 and under	6 point	6 point
above 5 to 10	10 point	6 point
above 10 to 15	12 point	8 point
above 15 to 30	14 point	10 point
over 30	18 point	12 point

(Revised 5/82)

A-79 ENCLOSURE

Final printed labeling is defined as that labeling which will accompany the pesticide product to market, and includes not only the container label, but also all accompanying technical information, brochures, etc.

Final printed labeling for the Agency's files should be of a size that can be stored conveniently in 8 1/2 x 11 inch files. Labels may be mounted or photo-reduced to meet the size requirements provided the printing is legible and is of microfilm reproduction quality. Should photo reduction make any of the text illegible, the text must be typed out on an accompanying sheet of paper.

PASTE-ON LABELING: This should be submitted as is, unless it requires photo reduction.

SCREEN PRINTED LABELING: These labels should be printed by taping paper on the container as it goes through the printing process. The actual container should not be submitted.

EMBOSSSED LABELING: These labels should be photocopied.

UNUSUAL SIZE LABELING: Large bags or boxes must be photo-reduced, either the entire label on one reduction or in sections so that each section is 8 1/2 x 11 inches.

HERCON®
DISRUPT MICRO-FLAKE® MCH
BARK BEETLE ANTI-AGGREGANT FLAKE

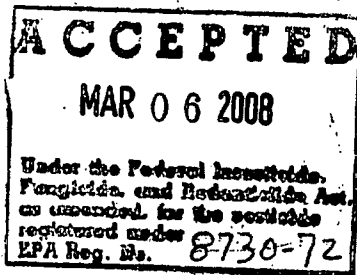
HERCON DISRUPT MICRO-FLAKE® MCH is a controlled-release pheromone formulation designed to lower incidence of attacks by certain bark beetle species, including Douglas-fir beetle (*Dendroctonus pseudotsugae*), on tree stands.

ACTIVE INGREDIENT:

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

OTHER INGREDIENTS 87.50 %

TOTAL 100.00 %



CONTENTS:

NET WEIGHT: 26.5 lb [12 kg]*

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

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

Read Directions and Precautionary Statements Before Use

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or 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.

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. You may also contact the National Pesticide Telecommunications Network at 1-800-858-7378 for emergency medical treatment information. Hours of operation are seven days a week 6:30 am to 4:30 pm PST.

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, except under forest canopy. Do not contaminate water when disposing of equipment washwater 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.

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 this label about personal protective equipment (PPE), restricted entry interval and notification to workers (as applicable). Do not apply this product in a way that will contact worker or other persons, either directly or through drift. Only protected worker handlers may be in the area during application. The requirements in this box only apply to uses of this product that are covered by 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 or water, wear: coveralls, chemical resistant gloves, shoes plus socks and protective eyewear.

APPLICATION: HERCON® DISRUPT MICRO-FLAKE® MCH is an effective management tool for certain bark beetles on various tree species. 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, Engleman spruce and other spruce tree species.

Apply **HERCON® DISRUPT MICRO-FLAKE® MCH** prior to beetle flight at a rate of 5.3 lbs 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 product until ready to use. Do not use **DISRUPT MICRO-FLAKE® MCH** from damaged, punctured or unsealed bags. Apply **HERCON® 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 this product only by 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 winged planes or helicopters can be used to apply **DISRUPT MICRO-FLAKE® MCH** on large areas.

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

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state or local authorities, by burning. If burned stay out of smoke. Do not reuse empty bags.

WARRANTY AND DISCLAIMER STATEMENT

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
HERCON ENVIRONMENTAL
Emigsville, PA 17318-0435

EPA Reg. No. (pending as File Symbol 8730-TE)

EPA Est. No. 8730-PA-01

Questions? Call 1-866-4-HERCON

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