



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:  
**8730-75**

Date of Issuance:  
**4/2/09**

Term of Issuance: **Conditional**

Name of Pesticide Product:  
**Hercon Disrupt Bio-Flake  
 GM**

**NOTICE OF PESTICIDE:**  
 Registration  
 Reregistration  
 (under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

**Aberdeen Road Company d/b/a Hercon Environmental  
 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/reregistered 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)(7) provided you:

1. Submit and/or cite all data required for registration/ reregistration 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. Revise the EPA Registration Number to read, "EPA Reg. No. 8730-75."
3. Submit three (3) copies of the revised final printed labeling before you release the product for shipment.
4. Submit storage stability (OPPTS 830.6317) and corrosion characteristics (OPPTS 830.6320) data for this product within one year of the Date of Issuance. An interim report for these data is required 6 months from the Date of Issuance. Failure to submit the study within one year of the registration notice date will cause this product registration to expire on or about one year from the Date of Issuance of this registration.

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

Signature of Approving Official:

*W. Michael McDavit*

Date:

*4/2/09*

Michael McDavit, Associate Director,  
 Biopesticides and Pollution Prevention Division

# HERCON® DISRUPT® BIO-FLAKE GM GYPSY MOTH MATING DISRUPTANT

Population Suppressant

HERCON DISRUPT® BIO-FLAKE GM Gypsy Moth Mating Disruptant is a controlled-release pheromone formulation designed to lower the incidence of gypsy moth, *Lymantria dispar*, mating by disrupting normal male flight orientation to females and thereby reducing successful mating.

**ACTIVE INGREDIENT:**

(Z)-7, 8-epoxy-2-methyloctadecane.. 12.50 %\*

**OTHER INGREDIENTS** ..... 87.50 %

**TOTAL** ..... 100.00 %

**CONTENTS:**

**MINIMUM NET WEIGHT:** 18.7 lb [8.5 kg]\*

\* for each plastic bag, metal drums contain 12 bags or 224.4 lbs (102 kg)

**BATCH CODE** \_\_\_\_\_

**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. Avoid contact with skin, eyes and mouth. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco products or using the toilet. Applicators and other handlers must wear long-sleeved shirt and long pants, chemical resistant gloves and shoes plus socks.

**ENVIRONMENTAL HAZARDS:** For terrestrial uses: Except under forest canopy, 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 canopy. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

**FIRST AID:**

**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.

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.

**ACCEPTED**

APR - 2 2009

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 8730-75

## DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is only to be applied in wide area public pest control programs sponsored by government entities.** Apply DISRUPT® BIO-FLAKE GM up to two weeks before adult gypsy moth emergence. Depending on the gypsy moth population densities apply 8.5 oz (240 gm) of product (containing 30 gm of active ingredient), 4.2 ounces by weight (120 gm) of product (15 gm of a.i.), or 1.7 oz (48 gm) of product (6 gm of a.i.) per application per acre. Apply 4.2 oz (120 gm) or 1.7 oz (48 gm) of product in low density gypsy moth populations. Consult your state or local authorities for determining gypsy moth population levels in your area. Apply a second application if adult gypsy moth emergence is extended or delayed, otherwise one application should last the entire season. Use an inert sticker material with DISRUPT® BIO-FLAKE GM to hold flakes on treated foliage or plant parts. **Method of Application:** Do not open bags until ready to use. Do not use Disrupt BIO-FLAKE GM Gypsy Moth Mating Disruptant flake from damaged, punctured or unsealed bags. Apply this product using only application equipment approved by Hercon or by federal or state agencies. Do not apply when foliage is wet. **Aerial Application:** Apply Disrupt BIO-FLAKE GM using the approved Hercon pod system for fixed winged aircraft. The Hercon pod system is specifically designed to mix the proper amount of DISRUPT® BIO-FLAKE GM flakes and inert sticker at the time of application. Use an approved sticker at 1-6 fl oz per acre. This specialized aerial application equipment can only be operated by approved applicators.

Use Disrupt BIO-FLAKE GM in areas such as forests; residential, municipal, and shade tree areas; recreational area such as campgrounds, golf courses, parks, and parkways; ornamental and shade tree plantings; shelter belts and rights of way, and other easements. Unintentional spray or drift from application of Disrupt® BIO-FLAKE GM when treating trees and shrubs along or within pastures, non-target vegetation including but not limited to native and ornamental species and food or feed crops, is permitted.

<b>STORAGE AND DISPOSAL:</b>
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Do not contaminate water, food, or feed by storage and disposal.
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<b>PESICIDE STORAGE:</b> Store in sealed containers in a cool dry place.
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<b>PESTICIDE DISPOSAL:</b> Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
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<b>CONTAINER DISPOSAL:</b> <u>Metal Containers:</u> Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. <u>Plastic Bags:</u> Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or dispose of bag in a sanitary landfill or by incineration or, if allowed by state or local authorities, by burning. If burned stay out of smoke.
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### 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, which must be followed. To the extent consistent with applicable 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. To the extent consistent with applicable law, 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 consistent with applicable law, Hercon's maximum liability for breach of this warranty shall not exceed the purchase price of this product. To the extent consistent with applicable law, 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**

P.O. Box 435 Emigsville, PA 17318-0435

EPA Est. No. 8730-PA-01

EPA File Symbol 8730-TL

Questions? Call 1-866-4-HERCON

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