



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

8730-82

Date of Issuance:

5/27/2016

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Disrupt® Bio-GM+

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 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her 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 the 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 section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.
2. Submit Storage Stability and Corrosion Characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.
3. Make the following labeling change before you release this product for shipment:  
Revise the EPA Registration Number to read, "EPA Reg. No. 8730-82."
4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Signature of Approving Official:

Andrew Bryceland, Team Leader  
 Biochemical Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

Date:

5/27/2016

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 10/8/15.

If you have any questions, please contact Chris Pfeifer of my team by phone at 703-308-0031 or via email at [pfeifer.chris@epa.gov](mailto:pfeifer.chris@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Andrew C. Bryceland". The signature is fluid and cursive, with the first name being the most prominent.

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

**HERCON<sup>®</sup>**  
**DISRUPT<sup>®</sup> BIO-GM+**  
**GYPSY MOTH MATING DISRUPTANT**  
Population Suppressant

**ACCEPTED**

05/27/2016

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 8730-82

HERCON DISRUPT<sup>®</sup> 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...	23.00 %*
<b>OTHER INGREDIENTS</b> .....	<u>77.00 %</u>
<b>TOTAL</b> .....	100.00 %

**CONTENTS:**

**MINIMUM NET WEIGHT:** 14.3 lb [6.5 kg]\*

\* for each plastic bag, metal drums contain 12 bags or 171.6 lbs (78 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.

## 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.

**Application timing:** Apply DISRUPT® BIO-GM+ up to two weeks before adult gypsy moth emergence.

**Application Rates:** Apply Disrupt Bio-GM+ based on Federal and State Forestry authority recommendations and on gypsy moth population levels.

A.I. gm/ac	6 gm	15 gm	30 gm
Acres treated/6.5 kg bag	250 acres	100 acres	50 acres

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-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-GM+ Gypsy Moth Mating Disruptant product from damaged, punctured or unsealed bags. Apply this product using only aerial application equipment approved by federal or state agencies. Do not apply when foliage is wet.

**Aerial Application:** Apply Disrupt BIO-GM+ using approved application equipment for fixed winged aircraft. The application equipment is specifically designed to mix the proper amount of DISRUPT® BIO-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-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-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.

### STORAGE AND DISPOSAL:

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

**PESICIDE 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:** Metal Containers: Non-refillable 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. Plastic Bags: Non-refillable 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.

## 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. No. 8730-IE

Questions? Call 1-866-4-HERCON

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