



# MATERIAL SAFETY DATA SHEET

## SECTION I – IDENTIFICATION AND COMPANY INFORMATION

PRODUCT NAME: HERCON® DISRUPT® II Gypsy Moth Mating Disruptant  
*Target Insect: Gypsy Moth, Lymantria dispar*  
*Pheromone Dispenser for Use as a Mating Disruptant,*

MSDS Number: 100306kg Date: March 19, 2013

COMPANY: ABERDEEN ROAD COMPANY d/b/a HERCON ENVIRONMENTAL  
P.O. Box 435  
Aberdeen Road  
Emigsville, PA 17318

For an emergency or more information call 717-764-1192 or the National Pesticide Information, 800-858-7378

## SECTION II. HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH = 1, FLAMMABILITY = 0, REACTIVITY = 0

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## SECTION III. COMPOSITION AND INFORMATION ON INGREDIENTS

### ACTIVE

COMMON NAME: *Racemic Disparlure*

CHEMICAL NAME: *(7R,8S) cis 7,8-epoxy-2-methyloctadecane*

CHEMICAL FAMILY of active ingredient: *Insect Pheromone*

C.A.S. NUMBER: *35898-62-5*

FORMULA: *C<sub>19</sub>H<sub>38</sub>O*

CONSTRUCTION: Laminated PVC controlled release dispenser 1/32" X 3/32" to be aerially applied with an appropriate sticker *EPA Reg. No. 8730-55*

## SECTION IV. FIRST AID MEASURES

### 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, 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, 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.

## SECTION V. FIRE HAZARD INFORMATION

FLASH POINT: *N/A*

FLAMMABLE LIMITS in air: *N/A* **PRODUCT HAZARD**

### INFORMATION

EXTINGUISHING MEDIA: Dry chemical, foam, water fog or spray *Carbon dioxide, foam*

SPECIAL FIRE FIGHTING PROCEDURES: *If involved in fire, use air-supplied equipment. Do not inhale fumes. Wear full protective equipment and NIOSH approved pressure demand, self contained breathing apparatus* UNUSUAL FIRE AND EXPLOSION HAZARDS: *When burned the hazardous decomposition products that will result because of incomplete combustion include carbon monoxide, other unidentified products of hydrocarbon degradation, No<sub>x</sub>, low level cyanides and hydrogen chloride.*

## SECTION VI. ACCIDENTAL RELEASE MEASURE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: *If product has spilled pick up mechanically. Place unpouched product in tightly sealed containers. Keep out of water sources and sewers.*

## SECTION VII. HANDLING AND STORAGE

GENERAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: *Store in sealed containers in a cool, dry place and away from open flames. To maintain product integrity protect from high temperatures. Keep container closed. Launder contaminated clothing before use. Wear protective equipment described above if exposure conditions warrant. Do not contaminate water sources, food or feed.*

## SECTION VIII. PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: *Usually none required.*

EYE PROTECTION: *Usually none required*

VENTILATION: *Good general ventilation should be sufficient.*

PROTECTIVE GLOVES: *None required but vinyl, latex or rubber gloves recommended for continuous handling.*

OTHER PROTECTIVE EQUIPMENT: *None under normal usage.*

NOTE: *Personal protection information shown above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.*

## SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

### PHYSICAL PROPERTIES

BULK DENSITY: *N/A*

MELTING POINT: *300<sup>0</sup>F*

FREEZING PT: *N/A*

PERCENT VOLATILE by volume: *None specified*

ODOR DESCRIPTION: *Mild*

VAPOR PRESSURE (20<sup>0</sup>C, mm HG): *Not determined*

PERCENT ACTIVE IN PRODUCT: *17.9%*

SPECIFIC GRAVITY/25<sup>0</sup>C: *0.9*

BOILING POINT: *N/A*

pH: *N/A*

VAPOR DENSITY (AIR = 1): *N/A*

SOLUBILITY IN WATER: *Insoluble*

## SECTION X: STABILITY AND REACTIVITY

PRODUCT STABILITY: UNSTABLE \_\_\_\_\_ STABLE \_\_\_\_\_ X \_\_\_\_\_

HAZARDOUS POLYMERIZATION: May Occur \_\_\_\_\_ May Not Occur X \_\_\_\_\_

CONDITIONS TO AVOID: Do not store near easily ignited chemicals and materials or open flames. MATERIAL TO AVOID: Strong oxidizing agents HAZARDOUS DECOMPOSITION PRODUCTS: On combustion, the polymeric dispensers may produce CO, CO<sub>2</sub>, HCL and CL<sub>2</sub>.

#### SECTION XI TOXICOLOGICAL INFORMATION

HEALTH/TOXICITY INFORMATION: Toxicological properties of the active ingredient have been investigated: Oral LD50 (rat) >34,000 mg/kg. Dermal LD50 (rat) >2,025 mg/kg. Use appropriate procedures to prevent direct contact with skin or eyes and prevent inhalation. No significant toxicity is expected

EFFECTS OF OVEREXPOSURE: None reported

#### SECTION XII: ECOLOGICAL INFORMATION

No adverse effects have been reported.

The ecotoxicological effects of this product have not been evaluated.

Chemical Fate Information No data available.

#### SECTION XIII: DISPOSAL CONSIDERATIONS

**PESTICIDE DISPOSAL:** Waste resulting from the use of this product may be disposed of onsite or at an approved disposal facility. **CONTAINER DISPOSAL:** Plastic bag: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or incinerate or if allowed by state or local authorities, by burning. If burned stay out of smoke. Cardboard Box [when used as outside packaging]: Dispose of outside cardboard box in sanitary landfill or by incineration or if allowed by state and local authorities, by burning. If burned stay out of smoke. Metal drums [when used as outside packaging] Offer for recycling or reconditioning, or dispose of in sanitary landfill, or by other procedures approved by state and local authorities as long as none of the bags containing product have broken while in the drum. If bags have broken, triple rinse the drum and then offer for recycling or reconditioning, or dispose of in a sanitary landfill.

#### SECTION XIV: TRANSPORTATION INFORMATION

##### Ground Transport (DOT)

Biopesticide Class 60

#### SECTION XV: REGULATORY INFORMATION

OSHA Classification: Non-Hazardous

TSCA Status: Not listed on TSCA

CERCLA: Not subject to reporting requirements

RCRA: Non-hazardous

SARA Title III: Not reportable

313 Reportable Ingredients: None

Clean Air Act Ozone Depleting Chemical Substances: None

Clean Air Act Hazardous Air Pollutants: None

Volatile Organic Compounds: None

USDA Status: EPA Reg. No. 8730-55

This product is not intended for use where it is directly applied to food products

<b>SECTION XVI OTHER INFORMATION</b>
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MSDS NUMBER 100306 DATE ISSUED: 17 Sept. 1986 (LZ)  
BY: Priscilla MacLean DATE REVISED: 19 March 2013  
TITLE: Product Development Manager Replaces 14 September 2009

**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.