

MATERIAL SAFETY DATA SHEET

SECTION I. MANUFACTURER

HERCON ENVIRONMENTAL
P.O. BOX 435 ABERDEEN RD
EMIGSVILLE, PA 17318-0435

For information or in an emergency, call
(717)764-1192

SECTION II.

HAZARDOUS MATERIAL
IDENTIFICATION SYSTEM

HEALTH = 1
FLAMMABILITY = 0
REACTIVITY = 0

SECTION III. PRODUCT INFORMATION

PRODUCT NAME: *Hercon Disrupt II Gypsy Moth Mating Disruptant
Pheromone Dispenser for Use as a Mating Disruptant
Target Insect: Lymantria dispar*

COMMON NAME OF ACTIVE: *Racemic Disparlure*

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

CHEMICAL FAMILY of active ingredient: *Insect Pheromone*

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

FORMULA: $C_{19}H_{38}O$

PRODUCT FORM: *Laminated polymeric dispensers*

SECTION IV. PHYSICAL PROPERTIES

BULK DENSITY: *N/A*

MELTING POINT: *300°F*

FREEZING PT: *N/A*

PERCENT VOLATILE by volume: *None specified*

ODOR DESCRIPTION: *Mild*

VAPOR PRESSURE (20°C, mm HG): *Not determined*

SPECIFIC GRAVITY/25°C: *N/A*

BOILING POINT: *N/A*

pH: *N/A*

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

SOLUBILITY IN WATER: *Insoluble*

SECTION V. PRODUCT HAZARD INFORMATION

PERCENT ACTIVE IN PRODUCT: *17.9%*

OCCUPATIONAL EXPOSURE LIMITS: *Not established*

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*

EMERGENCY AND FIRST AID PROCEDURES:

EYES: *Irrigate with water for at least 15 minutes. Get medical aid.*

SKIN: *Remove contaminated clothing and wash well with soap and water.*

INHALATION: *Remove to fresh air. Provide oxygen if breathing is labored.*

INGESTION: *If ingested drink plenty of water. Get medical aid.*

SECTION VI. FIRE HAZARD INFORMATION

FLASH POINT: *N/A*

EXTINGUISHING MEDIA: *Carbon dioxide, foam*

SPECIAL FIRE FIGHTING PROCEDURES: *If involved in fire, use air-supplied equipment. Do not inhale fumes.*

UNUSUAL FIRE AND EXPLOSION HAZARDS: *None*

SECTION VII. REACTIVITY INFORMATION

PRODUCT STABILITY: UNSTABLE _____ STABLE _____ X
HAZARDOUS POLYMERIZATION: May Occur _____ May Not Occur _____ X
CONDITIONS TO AVOID: None specified MATERIAL TO AVOID: Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS: On combustion, the polymeric dispensers may produce CO, CO2, HCL and CL2.

SECTION VIII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Place unpouched product in tightly sealed containers. Keep out of water sources and sewers.
WASTE DISPOSAL METHOD: Incinerate or otherwise manage at RCRA permitted waste management facility. Do not reuse empty containers. Check state and local authorities for other options.

SECTION IX. 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 PROTECTNE 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 X. HANDLING AND STORAGE PRECAUTIONS

GENERAL PRECAUTIONS TO BE TAKEN IN HANDUNG AND STORAGE: Store in sealed pouches in a cool, dry place. 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 allow to contaminate water sources, food or feed.
SPECIAL PRECAUTIONARY CONDITIONS: None.

SECTION XI. TRANSPORTATION DATA

DOT LABEL: None required, non-hazardous material.

SECTION XII. DISCLAIMER

It is the users responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise material safety data sheets periodically as new information becomes available. No representations or warranties, either express or implies, of merchantability, fitness for a particular purpose of any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. Hereon Environmental assumes no responsibility for any damages, losses, injuries or consequential damages which may result from the use or misuse of this product and the recipient assumes all such risks.

MSDS NUMBER 100306 DATE ISSUED: 17 Sept 1986 (LZ)
BY: Priscilla MacLean DATE REVISED: Jan 12, 2000
TITLE: Product Development Manager