



SAFETY DATA SHEET

SECTION I – IDENTIFICATION AND COMPANY INFORMATION

PRODUCT NAME: TDI Multi Species Pheromone Monitoring Device
*Target Insects: Indianmeal moth, Plodia interpunctella
Cigarette Beetle, Lasioderma serricorne
Warehouse beetle, Trogloderma variabile*

RECOMMENDED USE: Use this trap for monitoring stored product insects (see target insects) in warehouses, stores or other places where food products such as birdseed, grains, peanuts, and other dry food products are found.

SDS Number: E100947 **Date:** June 15, 2015
COMPANY: ABERDEEN ROAD COMPANY d/b/a HERCON ENVIRONMENTAL
P.O. Box 435
Aberdeen Road
Emigsville, PA 17318

For more information call 717-764-1192 or the National Pesticide Information Center (www.npic.orst.edu), 800-858-7378 between 6:30 am to 4:30 pm Pacific Time. After 4:30 call your poison control center at 1-800-222-1222.

SECTION II. HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

HEALTH = 1, FLAMMABILITY = 0, REACTIVITY = 0

Lures: No known hazardous materials used in this product.

Sticky boards:

Ink and related materials: Aqua ammonia <3.0% CAS # 1336-21-6, Isopropyl alcohol, 3.0% CAS # 6763-0

Glue: no known hazardous materials used in this product.

SECTION III. COMPOSITION AND INFORMATION ON INGREDIENTS

LURES

COMMON NAME: *Indianmeal moth pheromone, Serricornin and Trogermal*

CHEMICAL NAME: *Z,E-9,12-Tetradecadienal acetate, 4,6,-dimethyl-7-hydroxy-nonan-3-one isomer mix, Z-14-methyl-8-hexadecenal*

CHEMICAL FAMILY of active ingredient: *Insect Pheromone, esters, aldehydes and alcohols*

C.A.S. NUMBER: *30507-70-1, mixture (99945-27-4 and 92999-14-9) and 60609-53-2*

FORMULA: *C₁₆H₂₈O₂, C₁₁H₂₂O₂ and C₁₇H₃₂O*

CONSTRUCTION: *Laminated PVC controlled release dispenser on a sticky board*

STICKY BOARDS COMPONENTS:

PRINTING INK AND RELATED MATERIALS:

GLUE: *Hot Melt Adhesive, Chemical family: Synthetic Elastomer hot melt*

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.

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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). 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*

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_x, 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*

SPECIFIC GRAVITY/25⁰C: *0.9*

MELTING POINT: *300⁰F*

BOILING POINT: *N/A*

FREEZING PT: *N/A*

pH: *N/A* P_{sg} 2/4

PERCENT VOLATILE by volume: *None specified*

ODOR DESCRIPTION: *Mild*

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

VAPOR PRESSURE (20⁰C, mm HG): *Not determined*
PERCENT ACTIVE IN PRODUCT

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, CO₂, HCL and CL₂.*

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:** *Foil bag: Non-refillable container. Do not reuse or refill this container. 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.*

SECTION XIV: TRANSPORTATION INFORMATION

Ground Transport (DOT)
none

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

SECTION XVI OTHER INFORMATION

MSDS NUMBER <u>E100946</u>	DATE ISSUED: <u>15, June 2015</u>
BY: <u>Priscilla MacLean</u>	DATE REVISED: <u>new</u>
TITLE: <u>Product Development Manager</u>	Replaces

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.