

SAFETY DATA SHEET

SECTION I – IDENTIFICATION AND COMPANY INFORMATION

PRODUCT NAME: Disrupt MD
Target Insect: Indianmeal Moth (Plodia interpunctella)
Pheromone dispenser for mating disruption of Indianmeal moth and other species
SDS Number: E100994 Date: June 10, 2019
SUPPLIER: TECHNICAL DIRECTIONS, INC.
3313 Valley Forge Rd.
Decatur, AL 35603

For more information call 256-355-8104 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

No known hazardous materials used in this product.

SECTION III. COMPOSITION AND INFORMATION ON INGREDIENTS

ACTIVE

COMMON NAME: Indian meal moth pheromone
CHEMICAL NAME: Z,E-9,12-Tetradecadien-1-ol acetate
CHEMICAL FAMILY of active ingredient: Insect Pheromone
C.A.S. NUMBER: 30507-70-1
FORMULA: $C_{16}H_{28}O_2$
CONSTRUCTION: Laminated PVC controlled release dispenser

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). 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: Chemical-resistant 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: 1.1

MELTING POINT: 300⁰F

BOILING POINT: N/A

FREEZING PT: N/A

pH: N/A

PERCENT VOLATILE by volume: *None specified*

ODOR DESCRIPTION: *Mild*

VAPOR DENSITY (AIR = 1): N/A

VAPOR PRESSURE (20⁰C, mm HG): *Not determined*

SOLUBILITY IN WATER: *Insoluble*

PERCENT ACTIVE IN PRODUCT: 7.17%

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 not been investigated. Use appropriate procedures to prevent direct contact with skin or eyes and prevent inhalation.

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 trash.

SECTION XIV: TRANSPORTATION INFORMATION

Ground Transport (DOT)
No DOT label required, non-hazardous material

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
MA/PA/NJ Right to Know Components: N/A
California Prop. 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.
Clean Air Act Ozone Depleting Chemical Substances: None
Clean Air Act Hazardous Air Pollutants: None
Volatile Organic Compounds: None
USDA Status: EPA Reg. No. 8730-81-92424

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

SECTION XVI: OTHER INFORMATION

MSDS NUMBER E100994
BY: Katie Ellis
TITLE: Product Development Manager

DATE ISSUED: 10, June 2019
DATE REVISED: NEW

WARRANTY AND LIMITATION OF DAMAGES

The Manufacturer 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. Manufacturer 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 Manufacturer. If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable as determined by Manufacturer, refund of the purchase price. To the extent allowable by law, Manufacturer's maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no case will Manufacturer be liable for incidental, consequential or special damages resulting from handling, storage, use, misuse or abuse of this product.