

DISRUPT MD

For control of Indianmeal Moth, *Plodia interpunctella*

DISRUPT MD is a behavior modifying biochemical product (pheromone) for control of infestations and damage caused by the Indianmeal moth, *Plodia interpunctella*, tobacco moth *Ephesia elutella*, raisin moth, *Cadra figulilella*, almond moth, *Cadra cautella* and the Mediterranean flour moth *Ephesia kuehniella*. The moth pheromone is contained in, and released from, a hand-applied, solid matrix laminate dispenser.

ACTIVE INGREDIENT:

(Z, E) - 9, 12-Tetradecadien-1-ol acetate..... 7.17%

OTHER INGREDIENTS: 92.83%

TOTAL**100.00%**

NET WEIGHT: 160 mg pheromone active ingredient (AI)/dispenser

NET CONTENTS: 36 dispensers/pouch

Batch Code: _____

KEEP OUT OF REACH OF CHILDREN

CAUTION

READ DIRECTIONS AND PRECAUTIONARY STATEMENTS BEFORE USE

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes and clothing. Do not touch the eyes while handling or attaching the dispensers. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco products or using the toilet.

FIRST AID:**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 for further treatment advice.

IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

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 eye.
- Call a poison control center or doctor 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 medical 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 PST (NPIC website www.npic.orst.edu). After 4:30 pm PST call your poison control center at 1-800-222-1222

See back panel for Directions for Use

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

Apply DISRUPT MD in and around storage and manufacturing facilities that contain raw grains and bean seeds and products including but not limited to wheat, barley, rye, oats, corn, popcorn, rice all edible bean varieties, soybeans, cocoa beans; tobacco, birdseed, all spices, nuts including but not limited to peanuts, walnuts, almonds, pecans, hazelnuts, Brazil nuts and pistachios; dried commodities including but limited to all fruits, vegetables, spices, nuts and herbs, all animal and/or pet food, such as dog and cat food, cattle, hog, sheep and process goods and finished goods facilities; mills, bakeries, drying areas.

TARGET PESTS: Indianmeal moth (*Plodia interpunctella*), Mediterranean flour moth (*Epehstia kuehniella*), tobacco moth (*Epehstia elutella*), raisin moth (*Cadra figulilella*), and almond moth (*Cadra cautella*).

RATE: The application rate of DISRUPT MD is based on the cubic area of the facility and the level of infestation in that facility and can range from 160 mg to 480 mg AI per 10,594 cubic feet (300 cubic meters). Apply one DISRUPT MD dispenser containing 160 mg of active ingredient per 10,594 cubic feet (300 cubic meters) to low infestations and one 160 mg dispenser per 7,063 cubic feet (200 cubic meters) to moderate infestations. Apply the highest rate of 1 dispenser per 3,531 cubic feet (100 cubic meters) to buildings that are heavily infested with one or more target species or where the facility is adjacent to untreated buildings where introduction of the pests is evident. Do not exceed 150 grams of active ingredient per 7,063 cubic feet (200 Cu. Meters per year). The controlled release dispenser should emit pheromone for over 120 days.

APPLICATION: Timing: Do not open pouches until ready to use. Do not use DISRUPT MD from damaged, punctured or unsealed bags. Apply the first DISRUPT MD treatment early in the spring just prior to the next generation emergence in a year round program or anytime moths are suspected. Retreat in mid-summer or after 120 days. **Monitoring:** Monitor for infestations with perhomone-baited traps and by visual inspection. Begin monitoring early and continue throughout the season to help assess treatment effectiveness. Consult your local extension agent or pest control advisor for more information on mating disruption and other management techniques. **Placement:** Dispensers should be at a height of 5-16 feet (1.5 – 4.8 meters) in a grid pattern over each floor of treated building. Reseal any unused dispensers in pouches immediately after use and store.

PESTICIDE STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store pouches in a cool dry place until used.

PESTICIDE DISPOSAL: Place in trash.

CONTAINER HANDLING: Do not reuse empty pouches. Discard in trash.

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Manufactured for:

Technical Directions, Inc.

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WARRANTY AND DISCLAIMER STATEMENTS

Manufacturer warrants that this material conforms to the chemical description on the label.

Manufacturer neither makes, nor authorizes any agent or representative to make, any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. Manufacturer's maximum liability for breach of this warranty shall not exceed the purchase price of this product. Buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this material, not in conformance with the label.

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