

ACCEPTED
MAY - 6 2002
56336-37

FRONT PANEL

CHECKMATE CM-F
A BIOCHEMICAL FOR MATING DISRUPTION
OF

CODLING MOTH (*Cydia pomonella*) and HICKORY SHUCKWORM (*Cydia caryana*)

ACTIVE INGREDIENTS:

(E,E)-8,10-Dodecadien-1-ol.....14.30%

OTHER INGREDIENTS:.....85.70%

TOTAL.....100.00%

Keep Out Of Reach Of Children

CAUTION

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

USER SAFETY REQUIREMENTS

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. For overhead exposure wear chemical resistant headgear. **Personal Protective Equipment (PPE):** Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID STATEMENT

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 do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

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 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 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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-866-326-6737 for emergency medical treatment information.

ENVIRONMENTAL HAZARD

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 by cleaning of equipment or disposing of equipment washwaters.

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FRONT PANEL

CheckMate CM-F

MANUFACTURED BY:

Suterra LLC
213 SW Columbia Street
Bend, Oregon 97702-1013
1-800/367-8727

Net Contents: xx fl. oz (xxx ml)
Contains: 3.98 g.a.i./fluid ounce
0.14 g.a.i./ml

EPA Reg. No. 56336-
EPA Est. No. 56336-OR-1

BACK PANEL

CheckMate CM-F

DIRECTIONS FOR USE

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT
IN A MANNER INCONSISTENT WITH ITS LABELING**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For requirements specific to your state or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40CFR, part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during application of this product. Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours. PPE required for early entry to treated areas is permitted under the Worker Protection Standard and that involves contact with anything that has become treated, such as plants, soil or water. PPE: coveralls, short sleeve shirt, shorts, shoes, socks and waterproof gloves.

CheckMate CM-F is a behavior modifying biochemical pheromone which functions by mating disruption, to be used in pest management programs for control of codling moth (*Cydia pomonella*) and hickory shuckworm (*Cydia caryana*).

METHOD of APPLICATION: For use on apples, pears, quinces and other pome fruits; peaches, nectarines, plums, prunes and other stone fruits; walnuts, pecans and other tree nuts. To disrupt mating of the codling moth or hickory shuckworm apply CheckMate CM-F at 1.25 fluid ounces (35.6ml) of product (5 gm a.i./acre) per acre to 10 fluid ounces (284.4 ml) product (40 gm a.i./acre) per acre [*Alternate: single numbers or different ranges between 5 gm a.i./acre and 40 gm a.i./acre may be used*]. Do not exceed 37.5 fluid ounces (1066.5 ml) product/acre/year (150 gm a.i./acre/year).

SHAKE WELL BEFORE USING. DO NOT use CheckMate CM-F from damaged, punctured, or unsealed containers. Use piston, diaphragm, or centrifugal pumps ONLY. DO NOT use roller or gear pumps as they will damage the CheckMate CM-F controlled release system. For best results, apply immediately after mixing. Do not let stand prior to application without thoroughly mixing again. **Ground Equipment:** Apply CheckMate CM-F in sufficient water for uniform coverage (2-100 gal). Do not apply to point of runoff. Apply to foliage directly. **Aerial Equipment:** Apply CheckMate CM-F in sufficient water for uniform coverage (2-100 gal).

RECOMMENDED APPLICATION: For best results, apply at the time or shortly before codling moths begin to emerge in the spring (biofix), or when the moths are first detected in pheromone traps such as Biolure. Reapply as needed based on insect monitoring and field scouting programs. In the event of rainfall or overhead irrigation re-treatment may be necessary to maintain effective mating disruption. The use of pheromone baited traps will be necessary to make this determination. The use of approved spreader-stickers are recommended for improved wetting of the leaf surface and even distribution of the product on plant surfaces. This product only affects adult male moths and will have no effect on female moths, eggs or larvae. If application occurs following biofix or during the growing season, the field must be treated with insecticide treatments that will effectively control hatching larvae until egg laying by previously mated female moths has ceased to occur. In moderate to high insect pressure situations, supplemental insecticide applications during the season may be necessary to provide adequate protection to the developing crop. These supplemental insecticide applications should be made based on trap monitoring, field scouting, and appropriate degree-day models for the local growing area and must be timed to control emerging larvae.

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BACK PANEL

CheckMate CM-F

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool place until used. Protect from freezing.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility. Do not contaminate water when disposing of equipment wash water.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY: Suterra LLC warrants that this material conforms to the chemical description on the label. Suterra LLC 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. Suterra LLC'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.