



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division  
(7511C)  
1200 Pennsylvania Avenue NW  
Washington, DC 20460

**NOTICE OF PESTICIDE:**

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

EPA Reg. Number:  
**73479-11**

Date of Issuance:  
**JUL 1 - 2008**

**Unconditional**  
Term of Issuance:

Name of Pesticide Product:

**Checkmate Puffer  
CM/OFM**

Name and Address of Registrant (include ZIP Code):

**Suterra, LLC  
213 SW Columbia Street  
Bend, OR 97702-1013**

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 73479-11."
3. Submit three (3) copies of the revised final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

*Michael McDavit*

Michael McDavit, Associate Director,  
Biopesticides and Pollution Prevention Division

Date:

*7-1-08*

Front panel

## CHECKMATE PUFFER<sup>®</sup> CM/OFM

FOR ORGANIC PRODUCTION

Last up to 160 Days

For the Control of Codling Moth and Oriental Fruit Moth in

Apple, Pear, Peach, Nectarine and Any Other Crops Where the Codling Moth and Oriental Fruit Moth are Overlapping Problems

**CheckMate Puffer CM/OFM** contains a behavior modifying biochemical (pheromone) that disrupts the mating behavior of codling moth, *Cydia pomonella* and the Oriental Fruit Moth, *Grapholita molesta*. Use in apple, pear, peach, nectarine, and other orchards where the codling moth and oriental fruit moth are overlapping pests. **CheckMate Puffer CM/OFM** is used with the **CheckMate Puffer Aerosol Cabinet**, an automatic metered dispenser, so that one puff of pheromone is delivered every 15 minutes throughout the night to disrupt the nocturnal mating behavior of codling moth and oriental fruit moth.

### ACTIVE INGREDIENTS\*:

8,10 Dodecadien-1-ol, (E,E)-.....18.05 %  
(Z)-8-Dodecen-1-yl acetate.....11.63 %  
(E)-8-Dodecen-1-yl acetate.....0.75 %  
(Z)-8-Dodecen-1-ol.....0.12 %

**OTHER INGREDIENTS:** .....69.45 %

**TOTAL** .....100.00 %

\*Contains: 93.85 grams total a.i. per canister; 7.22 mg codling moth a.i. per 40 microliter puff and 5.00 mg oriental fruit moth a.i. per 40 microliter puff.

Keep Out Of Reach Of Children

### CAUTION

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution: Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye and skin irritation. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear chemical resistive gloves and protective eyewear.

#### FIRST AID STATEMENT

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.

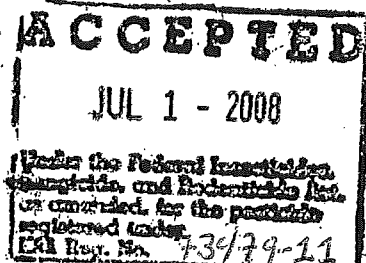
IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for advice.

IF IN EYES: Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, and continue rinsing. Call a poison control center or doctor for advice.

IF SWALLOWED: Call 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.

#### 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.



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CheckMate P<sup>®</sup>fer CM/OFM

### **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 washwater or rinsate.

### **PHYSICAL OR CHEMICAL HAZARDS**

**Flammable.** Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

MANUFACTURED FOR:

Suterra LLC

213 SW Columbia Street

Bend, Oregon 97702-1013

1-800/367-8727

EPA Reg. No. 73479-XX; EPA Est. No. 9444-LA-1

Net Contents:

Batch Code:

**DIRECTIONS FOR USE**

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

**Do not apply more than 150 grams of active ingredient per acre per year.**

**METHOD OF APPLICATION:** For use on apple, pear, peach, nectarine and other crops where the codling moth and oriental fruit moth are overlapping pests. In the spring, start applications prior to moth emergence and continue throughout the crop's susceptible period, typically 80 to 180 days. Use a cabinet to automatically dispense the CheckMate Puffer CM/OFM canister. One puff of product is delivered every 15 minutes for a period of 12 hours starting at 5 PM.

Placing cabinets in orchards and replacing canisters are to be done when cabinets are inactive, typically during daylight hours between 5 AM and 5 PM. To avoid accidental spraying, ensure that canister nozzles are pointed away during the performance of these tasks.

One CheckMate Puffer CM/OFM canister will last approximately 160 days. Where effective disruption of codling moth/oriental fruit moth mating requires longer application periods, replace used canisters before the 160 day period is reached.

Product Placement: Suspend a filled cabinet from a tree limb close to the center of the tree. Ideally, placement height will be approximately 2/3 of orchard height  $\pm$  10%. Do not place cabinets where foliage, fruits can be directly sprayed. Where feasible a 3-foot clearance is requested.

Orchards Smaller than 40 Acres: Do not use the CheckMate Puffer CM/OFM in orchards less than 40 acres unless adjacent acreage is also being treated with the CheckMate Puffer CM/OFM and total acreage block being treated is 40 acres or more.

40-Acre Orchard: Place cabinets around the orchard perimeter or in a grid pattern to achieve a density of two (2) CheckMate Puffer canisters per acre. In situations with a prevailing wind place additional canisters along the upwind edge to achieve uniform pheromone distribution within the interior of the orchard.

Orchards Greater than 40 Acres: Place cabinets around the orchard perimeter or in a grid pattern to achieve a density of up to one (1) CheckMate Puffer canister per acre. In situations with a prevailing wind place additional canisters along the upwind edge to achieve uniform pheromone distribution within the interior of the orchard.

**APPLICATION NOTES:** For best results apply at the time or shortly before the codling moths begin to emerge in the spring. This product only affects adult male moths and will have no effect on female moths, eggs or larvae. If application occurs following biofix (the first date moths are found consistently in monitoring traps) or during the growing season, the field must be treated with insecticides 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. These supplemental insecticide applications must be made based on trap monitoring, field scouting, and appropriate degree-day models for the local growing area and must be timed to control young larvae. Monitor insect infestation with traps and by visual inspection of plants. Re-apply as needed, based on monitoring results and field scouting.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store container in cool, dry area away from heat or open flame. **PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on-site or at an approved disposal facility. **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Remove from cabinet, wrap empty container in newspaper and discard in trash or at an approved disposal facility. Do not puncture or incinerate. If can is empty offer for recycling.

**WARRANTY:** To the extent consistent with applicable law, Suterra LLC warrants that this material conforms to the chemical description on the label and is reasonably fit for the purpose stated in the Directions for Use. To the extent consistent with applicable law, 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. To the extent consistent with applicable law, Suterra LLC's maximum liability for breach of this warranty shall not exceed the purchase price of this product. To the extent consistent with applicable law, the buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage, and use of this material contrary to label instructions.