



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

56336-67

Date of Issuance:

8/5/2015

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Checkmate® VMB-F

Name and Address of Registrant (include ZIP Code):

Suterra LLC  
 20950 NE Talus Place  
 Bend, Oregon 97701

**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 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her 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 the 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 section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.
2. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.

Signature of Approving Official:

Linda A. Hollis, Chief  
 Biochemical Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

Date:

8/5/2015

3. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 56336-67.”
4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 06/12/2014

If you have any questions, please contact Colin G. Walsh of my branch by phone at (703) 308-0298 or via email at walsh.colin@epa.gov.

Sincerely,



Linda A. Hollis, Chief  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

# CheckMate® VMB-F

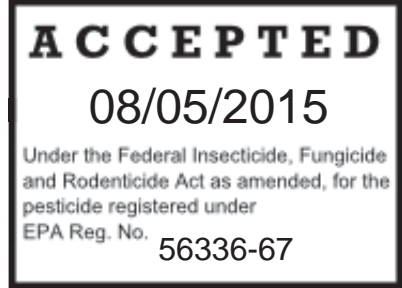
A BIOCHEMICAL PESTICIDE FOR MATING DISRUPTION  
OF THE VINE MEALYBUG (*Planococcus ficus*)

**Active Ingredient:**

Lavandulyl senecioate.....19.35%

**Other Ingredients:** .....80.65%

TOTAL .....100.00%



**Keep Out Of Reach Of Children**

## CAUTION

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Caution:** 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. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**Personal Protective Equipment (PPE):** Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. 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.

#### USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### **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 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**

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 by cleaning of equipment or disposing of equipment washwaters.

MANUFACTURED BY:

Suterra LLC  
20950 NE Talus Place  
Bend, Oregon 97701  
1-866-326-6737

Net Contents: 13.37 fl. oz (395.50 mL)

Contains: 1.00 gram/a.i./5.28 mL

EPA Est. No. 56336-OR-001

EPA Reg. No. 56336-AT

Lot No.:

## 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), notification to workers, and the restricted-entry interval. 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 (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water) is:

- coveralls,
- short sleeve shirt,
- shorts,
- shoes,
- socks
- waterproof gloves.

**METHOD OF APPLICATION:** To disrupt mating of the vine mealybug in raisin, table and wine grapes, apply CheckMate VMB-F at 0.89 fluid ounces (26.38 mL) product per acre (5 g a.i./acre) to 1.78 fluid ounces (52.76 mL) product per acre (10 g a.i./acre). Do not exceed 26.76 fluid ounces (791.33 mL) product/acre/year (150 g a.i./acre/year). **SHAKE WELL BEFORE USING. DO NOT** use CheckMate VMB-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 VMB-F controlled release system. For best results, apply immediately after thoroughly mixing. Do not let stand prior to application without thoroughly mixing again. Do not apply this product through any type of irrigation system. **Ground Equipment:** Apply CheckMate VMB-F in sufficient water for uniform coverage. Do not apply to point of runoff. Apply to foliage directly. For best results concentrate the application of CheckMate VMB-F onto cordons and the base of shoots. Avoid drift during application. **Aerial Equipment:** Apply CheckMate VMB-F in sufficient water for uniform coverage.

**APPLICATION NOTES:** Reapply as needed based on insect monitoring and field scouting programs. The use of approved stickers is encouraged for improved adherence to the plant surfaces and protection from rainfall. In the event of rain, retreatment is encouraged if approved stickers are not used. This product is not recommended in fields with overhead irrigation. This product only affects adult males and will have no effect on females, eggs or immatures. Vine mealybug females may overwinter after being mated. It is encouraged to treat with insecticide treatments that will effectively control hatching immatures until egg laying by previously mated females has ceased to occur. In moderate to high insect pressure situations, supplemental insecticide applications during the season can prove 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.

#### **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 of on site or at an approved waste disposal facility. Do not contaminate water when disposing of equipment wash water.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Plastic Containers: Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container 1/4 full with water and recap. Shake 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and or dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

#### **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 purposes stated in the Directions for Use. To the extent consistent with applicable law, Suterra 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'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.