



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:

56336-77

Date of Issuance:

6/3/2019

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

CheckMate® LRz I Flowable

Name and Address of Registrant (include ZIP Code):

Suterra, LLC  
 20950 NE Talus Place  
 Bend, OR 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. Make the following labeling change before you release this product for shipment:  
 Revise the EPA Registration Number to read, "EPA Reg. No. 56336-77".

Signature of Approving Official:

Andrew Bryceland, Team Leader  
 Biochemical Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

Date:

6/3/2019

3. 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
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 12/10/18 and
- Alternate CSF 'A' dated 12/10/18.

If you have any questions, please contact Chris Pfeifer of my team by phone at 703-308-0031 or via email at [pfeifer.chris@epa.gov](mailto:pfeifer.chris@epa.gov).

Sincerely,



Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

# CheckMate® LRz I Flowable

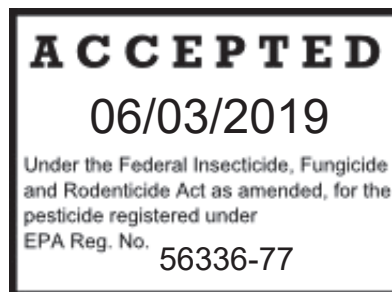
For the control of OBLIQUEBANDED LEAFROLLER (*Choristoneura rosaceana*), PANDEMIS LEAFROLLER (*Pandemis pyrusana*), FRUITTREE LEAFROLLER (*Archips argyrospilus*), THREELINED LEAFROLLER (*Pandemis limitata*) and EUROPEAN LEAFROLLER (*Archips rosanus*)

A biochemical for mating behavior of Obliquebanded leafroller (*Choristoneura rosaceana*), Pandemis leafroller (*Pandemis pyrusana*), Fruit-tree leafroller (*Archips argyrospilus*), Three-lined leafroller (*Pandemis limitata*) and European leafroller (*Archips rosanus*).

Active ingredient:  
(Z)-11-Tetradecenyl acetate ..... 23.00%  
Other Ingredients ..... 77.00%  
Total ..... 100.00%

Net Contents: (as indicated on container)

Contains: 6.7 g a.i./fl.oz. (0.227 g a.i./ml)



**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See [side] [back] [left] [right] panel for Precautionary and First Aid Statements

Manufactured by:  
Suterra® LLC  
20950 NE Talus Place  
Bend, Oregon 97701  
1 (866) 326-6737

EPA Reg. No. 56336-77  
EPA Est. No. 56336-OR-001  
Batch Code #. See neck of bottle

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## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**Caution:** Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Harmful if inhaled. Avoid breathing vapor. 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 clothing 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 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 STATEMENTS**

**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.

**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 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(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and continue rinsing. Call a Poison Control Center or doctor for advice.

**HOT LINE NUMBER:** Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. For emergency information on product, uses, and treatment, etc., call the National Pesticides Information Center at 1-800-858-7378, 6:30 am – 4:30 pm Pacific Time (PT), 7 days a week. Otherwise, call the Poison Control Center at 1-800-222-1222.

## **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 wash waters.

## 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 State or Tribal agency responsible for pesticide regulation.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 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. A restricted entry interval of 0 hours has been established

CheckMate® LRz I Flowable contains a behavior modifying biochemical (pheromone) that disrupts the mating behavior of Obliquebanded leafroller (*Choristoneura rosaceana*), Pandemis leafroller (*Pandemis pyrusana*), Fruit-tree leafroller (*Archips argyrospilus*), Three-lined leafroller (*Pandemis limitata*) and European leafroller (*Archips rosanus*) Use on apple, pear, quince and other pome fruits; peach. Nectarine, plum, prune and other stone fruit and any other crop where leafrollers are a pest.

## METHOD OF APPLICATION

**SHAKE WELL BEFORE USING.** Do not use CheckMate LRz I Flowable from damaged, punctured, or unsealed containers. Use piston, diaphragm, or centrifugal pumps. DO NOT use roller or gear pumps as they will damage the CheckMate LRz I Flowable controlled release system. For best results, apply immediately after mixing. Do not let stand prior to application without thoroughly mixing again.

Apply CheckMate LRz I Flowable at a rate between 1.5 fluid ounces (45 ml) product (10.05 g a.i.) per acre to 3.0 fluid ounces (90 ml) product (20.1 g a.i.) per acre. Do not exceed 22.39 fluid ounces (662.15 ml) product per acre per year (150 g a.i./acre/year).

**Terrestrial Applications:** CheckMate LRz I Flowable can be applied both in ultra-low volume and regular applications (1 pint to 100 gallons per acre).

**Aerial Applications:** Apply CheckMate LRz I Flowable in sufficient water for adequate coverage (5 to 50 gallons per acre).

DO NOT APPLY to the point of RUNOFF. Apply to foliage directly.

## APPLICATION NOTES

Reapply as needed based on insect monitoring, field scouting programs and appropriate degree-day models.

CheckMate LRz I Flowable is a mating disruption product that interferes with the ability of males to find females and mate. It does not directly affect eggs, larvae or mated females. If eggs, larvae or mated females are present before the application of CheckMate LRz I Flowable, application of supplemental insecticides may be necessary. Immigration of female moths from adjacent external sources of infestation is not affected by the product and may reduce the level of control.

The use of CheckMate LRz I Flowable should always take place in the context of an Integrated Pest Management strategy. The use of other pest control measures may be necessary and should be based on proper pest monitoring and field scouting.

## **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store container in cool, place until used. Protect from freezing.

**Pesticide Disposal:** Wastes resulting from use of this product may be disposed of on-site or at an approved disposal facility.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. 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 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, buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage, and use of this material contrary to label instructions.