



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 21, 2022

Ms. Kathy A. Bolan  
Regulatory Consultant  
Pacific Biocontrol Corporation  
14615 NE 13<sup>th</sup> Court, Suite A  
Vancouver, Wash. 98685

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Revisions to Method of Application and Mode of Action and Management; miscellaneous minor edits  
Product Name: ISOMATE CM Mist Plus  
EPA Registration Number: 53575-49  
EPA Receipt Date: 04/20/2022  
Action Case Number: 00356936

Dear Ms. Bolan:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

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 U.S. Environmental Protection Agency (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 statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

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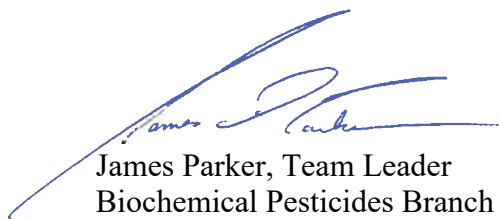
EPA Reg. No. 53575-49

Action Case No. 00356936

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.

If you have any questions, please contact Nina Naimy via email at [naimy.nina@epa.gov](mailto:naimy.nina@epa.gov).

Sincerely,



James Parker, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511M)  
Office of Pesticide Programs

Enclosure

**ACCEPTED**

Jun 21, 2022

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 53575-49



# ISOMATE<sup>®</sup> CM MIST PLUS

FOR ORGANIC PRODUCTION

**For Codling Moth Control**

**In Apple, Pear, Walnut, Pecan, Peach, Plum, and Other  
Crops where CM is a Pest**

**ISOMATE CM Mist Plus** is an aerosol canister containing behavior modifying biochemicals (pheromones) that disrupt the mating of the codling moth (*Cydia pomonella*).

**Active Ingredients\*:**

(E, E)-8, 10-Dodecadien-1-ol ..... 20.86 %

**Other Ingredients**..... 79.14 %

**Total**..... 100.00 %

\*contains 70.9 g a.i. per can [for 340.0 g per can]

\*contains 50.1 g a.i. per can [for 240.0 g per can]

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See side/back panel for First Aid and Precautionary Statements

Produced for:

**Pacific Biocontrol Corporation**

14615 NE 13th Court, Suite A, Vancouver, WA 98685 U.S.A.

Telephone (360) 571-2247 or 1-800-999-8805

[www.pacificbiocontrol.com](http://www.pacificbiocontrol.com)

Made in USA

**Net Contents:** 340.0 g per can/240.0 g per can

EPA Est. No: 34631-PA-001

EPA Reg. No: 53575-49

44179-NV-001

ISOMATE<sup>®</sup> is a registered Trademark of Pacific Biocontrol Corp.

Batch Code #: See bottom of can

## **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 g of active ingredient per acre per year.

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**Method of Application:** For use in apple, pear, walnut, pecan, peach, plum, and other crops where codling moth is a pest.

Activate **ISOMATE CM Mist Plus** by firmly pressing emitter onto can, keeping away from face. Activation is confirmed by an audible "CLICK" when emitter is secured onto the can and one cycle of the spray mechanism occurs within 3 seconds. The emitter is preprogrammed to activate over a maximum of 12 hours per day (5 PM-5 AM). For optimal results, apply prior to pest emergence and in large contiguous areas.

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**Product Placement:** Hang activated **ISOMATE CM Mist Plus** unit in upper third of tree canopy, facing out toward the drive row and at least three (3) feet from fruits or nuts. Distribute the units in a grid pattern considering topography, prevailing wind direction and historical pest pressure to achieve an application rate of one to two units per acre.

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**Mode of Action and Management:** **ISOMATE CM Mist Plus** suppresses mating of codling moth. Immigration of mated codling moth females from adjacent external sources of infestation will reduce the level of control. Manage by one or more of the following: 1) Treatment of external sources of infestation with **ISOMATE CM Mist Plus**; 2) Treatment of external sources of infestation with an effective insecticide; 3) Treatment of pheromone treated orchard with an effective insecticide.

Areawide application is the most effective use of **ISOMATE CM Mist Plus**. Supplementary applications of insecticide are advised in conjunction with **ISOMATE CM Mist Plus** until pest populations have been reduced significantly. All pests must be monitored so that timely intervention with effective insecticides is possible.

Consult your local pest control advisor or Pacific Biocontrol representative for proper timing and field placement in your area.

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## **WARRANTY AND LIMITATIONS OF DAMAGES**

The directions for use of this product are believed to be adequate and must be followed carefully. Pacific Biocontrol Corporation warrants that the product complies with the specifications expressed in this label. To the extent consistent with applicable law, Pacific Biocontrol Corporation makes no other warranties, and disclaims all other warranties, expressed or implied, including but not limited to warranties of merchantability and fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. To the extent consistent with applicable law, Pacific Biocontrol Corporation's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Pacific Biocontrol Corporation shall have no liability for damages (special, consequential, or incidental) that result from handling, storage, and use of this product, which is not in compliance with the label. Use of this product implies all directions of this label have been read carefully. Read all directions carefully.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye and skin irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using toilet. Remove contaminated clothing and wash before reuse.

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### 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. Contact a poison control center or doctor for treatment advice.

**If on Skin or Clothing:** Remove contaminated clothing. Immediately rinse skin for 15-20 minutes using plenty of water. Contact a poison control center or doctor for treatment advice.

**If in Eyes:** Immediately hold eyes open, slowly, and gently rinse with water for 15-20 minutes. If wearing contact lenses, rinse eyes for 5 minutes, remove contact lenses, and continue rinsing. Contact a poison control center or doctor for treatment advice.

**If Swallowed:** Contact a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told 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 when going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For general information on this product, call 1-800-999-8805, Monday through Friday, 9 AM to 5 PM (PST).

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### ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, 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.

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### PHYSICAL AND 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.

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### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store container in a cool, dry place away from heat or open flame.

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

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Remove empty can from emitter and discard in trash or at an approved waste disposal facility. Do not puncture or incinerate. If can is empty offer for recycling.

