



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

EPA Reg. Number:
53575-32

Date of Issuance:
JAN 15 2009

Term of Issuance:
Unconditional

Name of Pesticide Product:
Isomate-CM Flex

NOTICE OF PESTICIDE:
 Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (Include ZIP Code):

Pacific Biocontrol Corporation
14615 NE 13th Court, Suite A
Vancouver, WA 98685

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. 53575-32."
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 McDavid

Date: 1/15/09

CONCURRENCES

SURNAME	Michael McDavid Associate, Director	7511P		7511P	
DATE	Biopesticides and Pollution Prevention Division	1/14/09	J. Moore	1/14/09	1-1507

ACCEPTED

JAN 15 2009

LOT # _____

BIOCONTROL



Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, for the pesticide registered under

EPA Reg. No. 53575-32

ISOMATE®-CM FLEX

A MATING DISRUPTION FORMULATION FOR CODLING MOTH (*Cydia pomonella*);
HICKORY SHUCKWORM (*Cydia caryana*)

ACTIVE INGREDIENTS:

(E, E)-8, 10-Dodecadien-1-ol.....	54.53 %
1-Dodecanol.....	30.32 %
1-Tetradecanol.....	6.23 %

OTHER INGREDIENTS 9.01 %

TOTAL.....100.00 %

184.48 mg active ingredients per dispenser

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with skin, eyes or clothing. Harmful if absorbed through skin. Causes moderate eye irritation. Wear chemical resistant gloves and protective eyewear. After handling, wash thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID STATEMENT

- IF ON SKIN:** Remove contaminated clothing.
OR Immediately rinse skin for 15-20 minutes using plenty of water.
- CLOTHING:** Contact poison control center or doctor for treatment advice.
- IF IN EYES:** 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, then continue rinsing.
Contact poison control center or doctor for treatment advice.

HOT LINE NUMBER: Have the product container or label with you when contacting a poison control center or doctor, or going for treatment. For emergency information on this product, call the **National Pesticides Information Center** at 1-800-858-7878, 6:30AM to 4:30PM Pacific time (PT), seven days a week. During other times, call the poison control center at 1-800-222-1222. You may also contact Pacific Biocontrol at 1-800-999-8805 for additional information.

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 when disposing of this product.

PACIFIC BIOCONTROL CORPORATION

14615 NE 13th Court, Suite A, Vancouver, WA 98685 U.S.A.
Telephone (360) 571-2247 or 1-800-999-8805

MADE IN JAPAN
EPA Est. No: 47265-JP-01
EPA Reg. No: 53575-

NET CONTENTS: 400 Dispenser Units
One dispenser contains 0.008 fl oz or 202.75 mg.
Total content of package: 3.2 fl oz or 81.1 g

ISOMATE® is a registered Trademark of Pacific Biocontrol Corporation.

DIRECTIONS FOR USE

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

It is **CRITICAL** that ISOMATE-CM FLEX is applied as directed.

Crops	Apples, pears, quince and other pome fruits; walnut, pecan and other tree nut crops; peaches, prunes, plums, nectarines and other stone fruits.
Target Pests	Codling moth (<i>Cydia pomonella</i>), hickory shuckworm (<i>Cydia caryana</i>).
Rate	Minimum of 200 dispensers per acre (1.45 fl oz or 36.9 g a.i. per application). Maximum of 400 dispensers per acre (2.91 fl oz or 73.79 g a.i. per application). Apply maximum rate of dispensers in orchards that are medium to high-risk, such as moderate to heavily infested orchards, or any orchard adjacent to an untreated orchard. Apply double rate of dispensers to edges of orchard. Do not exceed 150 g a.i. (or 813 dispensers) per acre per year.
Application	Place dispensers on lateral branches in upper third of tree canopy. Apply dispensers uniformly in the treated area.
Timing	Apply prior to codling moth emergence in the spring. Consult your local pest control advisor or Pacific Biocontrol representative for proper timing or estimated dispenser longevity in your area.

Note Isomate-CM Flex suppresses mating of target pests. Immigration of mated female moths of these species from adjacent external sources of infestation will reduce the level of control. Manage by:

- Treatment of external sources of infestation with Isomate-CM Flex.
- Treatment of external sources of infestation with an effective insecticide.
- Treatment of pheromone treated orchard with insecticide.

Areawide application is most effective. Supplementary applications of insecticide are advised when Isomate-CM Flex is used in orchards with high pest populations. All pests must be monitored so that timely intervention with insecticides is possible.

STORAGE AND DISPOSAL

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

Pesticide Storage	Store in original unopened package in a dry location at temperatures below 40°F. Do not store in cold facilities used for food.
Pesticide Disposal	Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.
Container Disposal	Nonrefillable container. Do not reuse or refill this container. Dispose of empty foil packets in the trash.

WARRANTY AND LIMITATION OF DAMAGES

All statements concerning the use of this product apply only when used as directed. 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.

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