



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:

53575-56

Date of Issuance:

8/4/2023

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

ISOMATE NOW MIST

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 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.

Signature of Approving Official:

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

Date:

8/4/2023

2. Make the following labeling change before you release this product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 53575-56."
3. 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 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.

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 06/15/2023

If you have any questions, please contact Sydnie Hetzel by phone at (202) 566-1606 or via email at hetzel.sydnie@epa.gov.

Sincerely,

A handwritten signature in blue ink, reading "Andrew C. Bryceland".

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

Enclosure



ISOMATE® NOW MIST

For Navel Orangeworm Control

In Almond, Walnut, Pistachio, Fig, and Any Other Crops
where NOW is a Pest

ISOMATE NOW Mist is an aerosol canister containing behavior modifying biochemicals (pheromones) that disrupt the mating of navel orangeworm (*Amyelois transitella*).

Active Ingredients*:

(Z,Z)-11, 13-Hexadecadienal..... 2.36 %

Other Ingredients..... 97.64 %

Total 100.00 %

*contains 7.8 g a.i. 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

Made in USA

Net Contents: 329 g per can

EPA Est. No: 34631-PA-001

EPA Reg. No: 53575-XX

44179-NV-001

ISOMATE® is a registered Trademark of Pacific Biocontrol Corp.

Batch Code #: See bottom of can

ACCEPTED

Aug 04, 2023

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 53575-56

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.

Method of Application: For use in almond, pistachio, walnut, pecan, hazelnut, fig, pomegranate, apple, pear, orange, grapefruit, lemon, carob, date, peach, apricot, plum, loquat and other crops where navel orangeworm is a pest.

Deploy **ISOMATE NOW Mist** in the spring as soon as the tree canopy is fully leafed. Activate **ISOMATE NOW Mist** by firmly pressing 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).

Product Placement: Hang activated **ISOMATE NOW Mist** unit in the center of the tree canopy with the nozzle pointing downwind 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 a rate of one unit per acre.

For optimal results, **ISOMATE NOW Mist** is best used apply prior to pest emergence and in large contiguous areas. Minimum suggested acreage size is 40 acres.

Mode of Action and Management: **ISOMATE NOW Mist** suppresses mating of navel orangeworm. Immigration of mated female moths from adjacent external sources of infestation will reduce the level of control. Manage by one or more of the following: a) Treatment of external sources of infestation with **ISOMATE NOW Mist**; b) Treatment of external sources of infestation with an effective insecticide; c) Treatment of the pheromone treated orchard with an effective insecticide.

Areawide application is the most effective use of **ISOMATE NOW Mist**. Supplementary applications of insecticide are advised in conjunction with **ISOMATE NOW Mist** 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.

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.

ISOMATE NOW Mist
EPA Reg. No. 53575-XX

FIRST AID	
If Inhaled	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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).	

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.

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.

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.

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.