

# PACIFIC BIOCONTROL CORPORATION

Kathy Bolan,  
Regulatory Consultant/Agent  
Angwin, CA 94508  
Tel: 707-337-9801  
E-mail: [kbolan@pacificbiocontrol.com](mailto:kbolan@pacificbiocontrol.com)



Corporate Headquarters  
14615 NE 13th Court, Suite A  
Vancouver, WA 98685  
Tel: 360-571-2247  
Fax: 360-571-2248

To: United States Department of Agriculture (USDA)  
Accredited Certifying Agents

June 6, 2017

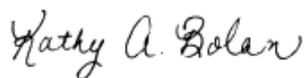
Dear USDA Accredited Certifying Agent:

The following information has been assembled to verify the current organic status of the pheromone mating disruption product, ISOMATE<sup>®</sup> CM/OFM Mist Plus, EPA Reg. No. 53575-50. This product meets the National Organic Program (NOP) rules as a crop input for organic farming operations as determined by the U.S. EPA. All ingredients contained in ISOMATE CM/OFM Mist Plus qualify under the current NOP rules for organic crop production. The active ingredients (as pheromones) qualifies under the NOP at 7 CFR Part 205.601 (f) "as insect management, pheromones." All other (inert) ingredients contained in the product are EPA List 4 materials that are allowed as inert ingredients under the NOP as per 7 CFR Part 205.601, paragraph (m), subpart (1). Therefore, the U.S. EPA approved the attached label to display the official "For Organic Production" logo\*.

This product has been reviewed and approved for organic use by a reputable third party, the U.S. EPA. Attachment A is a copy of the latest NOP memo that addresses this topic, dated August 6, 2013, from the Deputy Administrator of the NOP, Mr. Miles McEvoy. This memo reconfirms earlier USDA memos that USDA Organic Certifying Agents may consult with reputable third party sources (such as U.S. EPA, OMRI or WSDA Organic Food Program) to determine if a crop input product is in compliance with current NOP regulations. Attachment B is a copy of the label for ISOMATE CM/OFM Mist Plus with the official "For Organic Production" logo.

This letter and the attached information should assure any USDA accredited organic certifier that the pheromone mating disruption product, ISOMATE CM/OFM Mist Plus, is cleared for use on organic farms. Please contact me, if you have any further questions about this. Thank you.

Sincerely,



Kathy A. Bolan  
Regulatory Consultant/Agent  
Pacific Biocontrol Corporation  
Phone: (707) 337-9801  
E-mail: [kbolan@pacificbiocontrol.com](mailto:kbolan@pacificbiocontrol.com)

\*Please reference U.S. EPA's Pesticide Registration Notice 2003-1 for the review and labeling of pesticide products under the NOP.



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## Policy Memorandum

**To:** Stakeholders and Interested Parties

**From:** Miles McEvoy, Deputy Administrator

**Subject:** Evaluation of Materials Used in Organic Crop, Livestock, and Handling Operations

**Date:** Revised – August 6, 2013. Original Issue Date – January 21, 2011.

Organic producers and handlers must provide a complete list of substances used in production and handling in their Organic System Plan (OSP). This list includes fertilizers, soil amendments, potting soil, crop production aids, and pest control materials used in crop production; livestock feed, feed supplements, feed additives, medications, and livestock production aids used in livestock production; and ingredients, processing aids, post-harvest handling substances, sanitizers, and facility pest control materials used in processing and handling. Accredited certifying agents must evaluate this list to determine compliance with U.S. Department of Agriculture (USDA) organic regulations and then communicate acceptance of the materials prior to organic producers and handlers using the materials.

The National Organic Program (NOP) allows certifying agents to recognize product reviews done by certain entities. These entities evaluate products for compliance with the USDA organic regulations and include: 1) other certifying agents; 2) the U.S. Environmental Protection Agency (EPA); and 3) material evaluation programs accredited to International Organization for Standardization (ISO) Guide 17065 (formerly ISO Guide 65). All certifying agents must verify that materials used by certified organic operations comply with the USDA organic regulations, including the National List of Allowed and Prohibited Substances, and any annotations provided therein. (See 7 CFR 205.601-606).

For branded (formulated) products, certifying agents have three options available for determining compliance:

1. Certifying agents can verify that the product complies by evaluating the product and all of the ingredients within the product (e.g., contacting the supplier/ formulator/ manufacturer to obtain full disclosure of the ingredients in the product);
2. Certifying agents may consult with another certifying agent who has evaluated the product and accept that certifying agent's determination of the product's compliance with the USDA organic regulations. The Washington State Department of Agriculture, as an accredited certifying agent, has a publicly available list of approved products available at <http://agr.wa.gov/FoodAnimal/Organic/MaterialsLists.aspx>; and



3. Certifying agents may consult with a reputable third party source (e.g., EPA, or the Organic Materials Review Institute (OMRI)) that evaluates the product's compliance with the USDA organic regulations, and accept their determination. OMRI has a publicly available list of approved products available at <http://www.omri.org/omri-lists>.

In all cases, the certifying agent must maintain documentation to support its determinations about the status of product compliance with the regulations.

### **Products with Multiple Reviews**

Some manufacturers may submit their products for review to more than one certifying agent or material evaluation program. In the majority of cases, certifying agents and material evaluation programs reach the same determination regarding the allowance or prohibition of a product. On rare occasions, certifying agents and material evaluation programs reach different conclusions on whether the product complies with the USDA organic regulations.

In a case where certifying agents and material evaluation programs reach different conclusions on the allowance of a product, the NOP must be notified for a final determination on proper application of the regulations according to the following steps:

1. When a certifying agent or material evaluation program concludes that a product may not comply with the regulations, and that product is allowed by another certifying agent or material evaluation program, the certifying agent or material evaluation program must notify the NOP at [NOP.Guidance@ams.usda.gov](mailto:NOP.Guidance@ams.usda.gov).
2. The NOP will review information from both parties and determine whether the regulations have been properly applied. The NOP's determination will be limited to the application of the USDA organic regulations for generic materials; the NOP does not approve or endorse branded (formulated) input products.
3. If the NOP determines that the regulations have not been properly applied and, therefore, the product does not comply with the regulations, the NOP will instruct the certifying agent or material evaluation program to rescind its approval of the product.
4. The NOP will communicate the determination to all certifying agents and material evaluation programs with a timeline, if appropriate, for the discontinuation of product use by organic operations.

A decision made by certifying agents and reputable third party sources about the status of a branded (formulated) product remains in effect until the NOP notifies all certifying agents and material evaluation programs about the status of a material under the regulations.

**Document Control:** This document supersedes the original version, issued on January 21, 2011, and the revision, issued on October 31, 2011. This document also supersedes "Verification of



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Materials Memo” dated March 5, 2008, and “Documented Source of Approved & Prohibited Materials for Use in Organic Operations” dated July 16, 2004. These documents are now obsolete.

## 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.

### FIRST AID STATEMENT

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable 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 non-emergency information, call the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8:00 am to 12:00 pm PST ([www.npic.orst.edu](http://www.npic.orst.edu)). For emergencies, call your poison control center at 1-800-222-1222.

### 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.



## ISOMATE® CM/OFM MIST PLUS

FOR ORGANIC PRODUCTION

For Codling Moth and Oriental Fruit Moth Control  
In Apple, Pear, Peach, Plum, Nectarine, and Other  
Crops where CM and OFM are Pests

ISOMATE CM/OFM Mist Plus is an aerosol canister containing behavior modifying biochemicals (pheromones) that disrupt the mating of codling moth (*Cydia pomonella*) and oriental fruit moth (*Grapholita molesta*).

Insert ISOMATE CM/OFM Mist Plus into Pacific Biocontrol's emitter to activate the unit to release precise amounts of pheromone.

#### ACTIVE INGREDIENT\*:

(E, E)-8, 10-Dodecadien-1-ol .....	20.34 %
Z-8-Dodecen-1-yl Acetate .....	13.09 %
E-8-Dodecen-1-yl Acetate .....	0.84 %
Z-8-Dodecen-1-ol .....	0.14 %

**OTHER INGREDIENTS .....** 65.59 %

**TOTAL .....** 100.00 %

\*Contains 94.0 g a.i. per can

## KEEP OUT OF REACH OF CHILDREN CAUTION

See side/back panel for First Aid and Precautionary Statements

#### 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: 273.0 g per can  
EPA Est. No: 34631-PA-001      EPA Reg. No: 53575-50

ISOMATE® 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.

**METHOD OF APPLICATION:** For use in apple, pear, plum, peach, nectarine, and other crops where codling moth and oriental fruit moth are pests. Insert ISOMATE CM/OFM Mist Plus into Pacific Biocontrol's emitter to activate the unit and dispense the contents of the can. The emitter is pre-programmed to activate from 5:00 pm to 3:00 am. Apply prior to moth emergence in the spring. For optimal results, use ISOMATE CM/OFM Mist Plus in large contiguous areas.

**PRODUCT PLACEMENT:** Hang ISOMATE CM/OFM 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 to achieve an application rate of one to two units per acre.

**APPLICATION NOTE:** ISOMATE CM/OFM Mist Plus suppresses mating of codling and oriental fruit moth. Immigration of mated female moths from adjacent external sources of infestation will reduce the level of control. Manage by: 1) Treatment of external sources of infestation with ISOMATE CM/OFM Mist Plus 2) Treatment of external sources of infestation with an effective insecticide; 3) Treatment of the pheromone treated orchard with insecticide.

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

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

### WARRANTY AND LIMITATION 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.