

89850-5

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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:
 89850-5

Date of Issuance:
 OCT 03 2014

Term of Issuance: Unconditional

Name of Pesticide Product:
 Semios CM-1

NOTICE OF PESTICIDE:

 X Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

SemiosBIO Technologies, Inc.
 c/o J&T Associates LLC
 4061 North 156th Drive
 Goodyear, AZ 85395

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). 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 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 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 registration does not eliminate the need for continual reassessment of the pesticide. If the EPA determines at any time that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) and is subject to the following terms:

1. Submit and/or cite all data required for registration 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. A one year study is required to satisfy the Storage Stability and Corrosion Characteristics requirements (Guidelines: OCSPP 830.6317 and 830.6320). You have 18 months from the date of registration to provide these data.
3. Revise the EPA Registration Number to read, "EPA Reg. No. 89850-5."
4. Submit three (3) copies of the revised final printed labeling before you release the product for shipment.

A stamped copy of the label and an A-79 Enclosure are enclosed for your records.

Signature of Approving Official:

Robert McNally, Director
 Biopesticides and Pollution Prevention Division (7511P)

Date:

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Semios CM - 1

Aerosol

ACTIVE INGREDIENT		
	E,E-8,10-Dodecadien-1-ol	18.05%
<u>OTHER INGREDIENTS</u>		<u>81.95%</u>
Total		100.00%

EPA Reg. No. 89850-L
 EPA Est. No. 46813-CAN-3
 Manufactured by:
 K-G SPRAY-PAK INC.
 8001 KEELE STREET VAUGHAN,
 ONTARIO, CANADA L4K 1Y8

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side/back panel for First Aid and Precautionary Statements



FLAMMABLE



EXPLOSIVE

Net contents 307 g

SemiosBIO Technologies Inc.
 320-887 Great Northern Way
 Vancouver, BC V5T 4T5
 604-202-3245
 www.semios.com

ACCEPTED
 OCT 03 2014

Batch number:

Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended, for
 the pesticide registered under
 EPA Reg. No. 89850-5

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 or drinking. Remove contaminated clothing and wash before reuse.

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 by 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. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Contact a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none"> • Immediately hold eyes open and rinse slowly and gently 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 centre 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.
Hot Line Number	
<p>Have the product container or label with you when contacting 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 to 4:30 pm Pacific Time (PT), seven days a week. During other times, call the poison control center at 1-800-222-1222.</p>	

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

Contents under pressure. Container may explode if heated. Do not expose to temperatures above 50°C (122°F). Do not spray near open flames or sparks. Do not puncture or incinerate.

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 150g of active ingredient per acre per year.

METHOD OF APPLICATION: For use on apples, pears, and other pome fruits; walnut, pecan, and other tree nut crops; peaches, prunes, and other stone fruits where Codling Moth (*Cydia pomonella*) is a pest. For use only with Semios automated aerosol dispensers. Load aerosol canister in Semios dispenser. Hang dispenser in upper third of tree canopy with nozzle pointing away from foliage and fruit. Evenly place dispensers at an average density of 1 dispenser per acre. Use higher density (up to double standard density) at orchard edge facing prevailing winds. Access Semios web-based user interface to commence operation of networked dispensers as moths begin mating/flight activity and turn off dispensers at the end of the season. Standard application rate is 1 puff every 15 minutes over a maximum 12 hours per day (5PM-5AM). Default dispensing rate is 7.22 mg a.i. per 40 mg puff. Canister capacity is 55.4 g a.i. for a maximum of 7675 puffs.

STORAGE AND DISPOSAL

DO NOT contaminate water food or feed by storage or disposal of unused dispensers.

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. Discard empty dispensers in trash or at an approved waste disposal facility.

WARRANTY AND LIMITATION OF DAMAGES

SemiosBIO Technologies Inc., warrants that this product conforms to the chemical description stated on the label. SemiosBIO Technologies Inc., neither authorizes any agent or representative to make any other warranty or fitness of merchantability, guarantee or representation, express or implied, concerning this material. To the extent consistent with applicable law SemiosBIO Technologies Inc.'s maximum liability for breach of this warranty shall not exceed the purchase price of the 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 product which extend beyond the use of the product under normal conditions and in accord with statements made on the label.

Batch number: