



## Semios VMB Eco DS Aerosol

**A PHEROMONE PRODUCT FOR CONTROL  
of Vine Mealybug, *Planococcus ficus***

ACTIVE INGREDIENT	
lavandulyl senecioate	23.54%
OTHER INGREDIENTS	74.46%
Total	100.00%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See back panel for First Aid and Precautionary Statements

Net contents 7.05 oz. (200g)

EPA Reg. No.89850-22

EPA Est. No.

58996-MO-1  
46813-CAN-3  
33595-MO-2

Produced for:  
SemiosBIO Technologies Inc.  
320-887 Great Northern Way  
Vancouver, BC V5T 4T5  
[www.semios.com](http://www.semios.com)

Batch number: see bottom of can

FIRST AID	
<b>If inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>Hot Line Number:</b> 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, 6.30am-4.30pm Pacific Time (PT), 7 days a week. During other times, call the poison control center at 1-800-222-1222.	

### PRECAUTIONARY STATEMENTS

#### Hazards to humans and domestic animals

**CAUTION.** Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye 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.

#### 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.

#### 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 (5.29 oz.) of active ingredient per acre per year.

**METHOD OF APPLICATION:** For season-long mating disruption of Vine Mealybug on grapes, and other agricultural crops where Vine Mealybug (*Planococcus ficus*) is a pest. Use only with Semios automated aerosol dispensers. Load aerosol canister in Semios dispenser. Hang dispenser level with upper third of tree canopy, or above the canopy, with nozzle pointing away from foliage and fruit. Evenly place dispensers at an average density of 1 dispenser per acre, up to 2 dispensers per acre, and down to 0.5 dispensers per acre, with standard dosing levels between 100 and 400g (3.525 and 14.1 oz.) of Semios VMB Eco DS formulation per acre, per year. Use higher density under high pest pressure or along orchard edges and 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.

### 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:** Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

### 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.