

56261-3

12/6/1999

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

56261-3

Date of Issuance:

DEC 6 1999

## NOTICE OF PESTICIDE:

x Registration

Reregistration

(under FIFRA, as amended)

Term of Issuance: 000

Conditional

Name of Pesticide Product:

VERBENONE POUCH

Name and Address of Registrant (include ZIP Code):

PHERO TECH, INC.

U.S. Representative

Point Roberts, Washington, 98281 USA

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) for the end-use product (Verbenone Pouch) containing 73.4% of Verbenone (4,6,6-Trimethylbicyclo(3.1.1. hept-en-2 one), provided that you agree to:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 56261-3".

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling. (See page 2)

Signature of Approving Official:

Date DEC - 6 1999

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4. in order to upgrade the acute toxicity studies submitted in support of the pesticide registration, PHERO Tech, Inc. must submit individual test data, information on the characterization, etc., on the Acute Oral, Acute Dermal, Primary Eye Irritation and Studies, within one year from the stamped date of this registration.

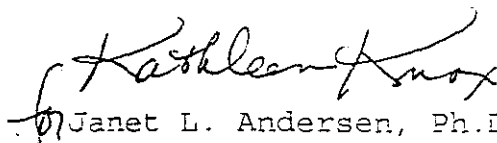
5. Before Verbenone can be used within the habitats of the endangered beetle species PHERO Tech, Inc. should test closely related members of these species and demonstrate a lack of activity. Until such data are available, there seems to be no deleterious effects to endangered species except for the endangered beetle species. There is no time frame for these data to be submitted, because it is not needed until there is designated usage in the counties where the endangered species are located. Since it is unlikely that this product will be used in the counties where endangered beetle species are, therefore, no time frames for submission of endangered species data are necessary at this time.

6. The additional studies or information must be conducted in accordance with Good Laboratory Practice Standards, 40 CFR Part 160.

If the conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Janet L. Andersen, Ph.D., Director  
Biopesticides and Pollution Prevention  
Division (7511C)

PRECAUTIONARY STATEMENTS  
HAZARDS to HUMANS  
(& DOMESTIC ANIMALS)

HUMAN HAZARDS

Precautionary Statements

Avoid contact with active (liquid) ingredients, do not puncture pouch. Avoid inhaling fumes; prior to use, open storage bag and thoroughly vent in a well ventilated area.

Personal Protective Equipment (PPE)

- Applicators and other handlers must wear:
  - long-sleeved shirt and long pants
  - shoes plus socks
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Wash PPE with detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets on. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

**STORAGE AND DISPOSAL**

STORAGE

- Store Pouch in sealed storage bag (provided).
- Store below 32°F (0°C) or as cold as possible.

TRANSPORT AND HANDLING

- Transport in sealed storage bag (provided).
- Store in ventilated portion of the vehicle.
- Remove bags from the passenger compartment.
- Prevent bags as described above.

SPILLS AND FIRE

- If active ingredient is released, wipe up with absorbent cloth and remove to well ventilated area.
- Wear protective gloves when cleaning.
- In case of fire, extinguish with CO<sub>2</sub>, foam or dry chemical extinguishers.

DISPOSAL

- Bury empty containers or discard according to local regulations. Never reuse empty container.

**VERBENONE POUCH**

Phero Tech Product #  
RD-0279/000

ACTIVE INGREDIENTS

Verbenone	4.46 grams	95.9%
Related Compounds	0.14 g	3.0%
Stabilizer	0.05 g	1.1%
Total:	4.65 g	100.0

INERT INGREDIENTS\*

Inert contaminant and release pouch  
Inert absorbant reservoir

- Inert ingredients constitute roughly 26% of the product's total weight.

**KEEP OUT OF REACH  
OF CHILDREN**

**CAUTION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

**STATEMENT OF PRACTICAL  
TREATMENT**

(for active ingredient - Verbenone)

If swallowed - wash out mouth with water provided the person is conscious. Call a physician or poison control center.  
If inhaled - remove person to fresh air. If not breathing give artificial respiration, if breathing is difficult, give oxygen. Call a physician.  
If on skin - immediately wash skin with soap and copious amounts of water. Wash any contaminated clothing before use.  
If in eyes - flush eyes with copious amounts of water for at least 15 minutes.

MANUFACTURED BY: Phero Tech Inc.  
7572 Progress Way  
Delta, B.C. V4G 1E9  
CANADA

Registrant's Establishment No.: 56261-CN-1

NET CONTENTS: \_\_\_\_\_ pounds

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labelling.

Do not apply this product in a way that will contact workers or other persons directly. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**Host Tree Stands**

- Tree stands contained Loblolly pine, short leaf pine, virginia pine and other southern pine trees.

**Pest**

- Southern Pine Beetle (*Dendroctonus frontalis*).

**Effect**

- Verbenone is an antiaggregation pheromone for the listed pest. Verbenone Pouches to repel mass attack by the pest and can work to protect susceptible trees.

**Application Rate**

Place in grid pattern, preferably on standing susceptible trees.

- minimum dose 1 pouch/tree  
(4.65 g active ingredient/tree)
- maximum dose 6 pouches/tree  
(27.9 g active ingredient/tree)

**Field Placement**

Refer to the Verbenone Pouch - Use Directions Technical Bulletin.

**Timing**

- Place Verbenone Pouches along the leading edge of expanding infestation spots as soon as possible.

**Expected Lifespan**

- 40-50 days, weather dependent.

**For Additional Directions**

- Consult Phero Tech at (504) 940-9944 or the USDA Forest Service.

**Warranty Statement**

Phero Tech Inc. certifies that this product meets and conforms to the description on this label. No other warranty expressed or implied is made. Phero Tech Inc. will not be held liable for incidental, consequential or special damages resulting from the handling, storage or use of this product.

ACCEPTED

DEC 06 1997

Under the Federal Insecticide, Fungicide, and  
Rodenticide Act, as amended, for the  
pesticide registration number  
EPA Reg. No. 56261-3