

73049-452

09/06/2007

115



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:

73049-452

Date of Issuance:

9-6-07

Term of issuance:

Unconditional

Name of Pesticide Product:

Vectobac Pellet Biological
Larvicide

NOTICE OF PESTICIDE:

Registration
 Reregistration (under FIFRA, as amended)

Name and Address of Registrant (Include ZIP Code):

Valent BioSciences Corporation
870 Technology Way, Suite 100
Libertyville, IL 60048

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.

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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

- 1) Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 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) Add the phrase "EPA Reg. No. 73049-452" to the product label.
- 3) Submit a one year storage stability study upon completion.
- 4) Submit two (2) copies of your final printed labeling before release of the product for shipment.

A copy of the approved label for the product is enclosed for your records.

Signature of Approving Official:

W. Michael McDavit

Date:

9-6-07

W. Michael McDavit, Associate Director, Biopesticides and

| | | |
|---------|---------------------------------------|----------|
| SYMBOL | Pollution Prevention Division (7511P) | 7511P |
| SURNAME | EPA Form 8570-6 | Reynolds |
| DATE | 9/5/07 | 9/5/07 |

9/5/07

215

VECTOBAC® PELLET
BIOLOGICAL LARVICIDE

Active Ingredient:

| | |
|--|--------|
| <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> strain AM 65-52 fermentation solids, spores, and insecticidal toxins..... | 12.3% |
| Other Ingredients..... | 87.7% |
| Total..... | 100.0% |

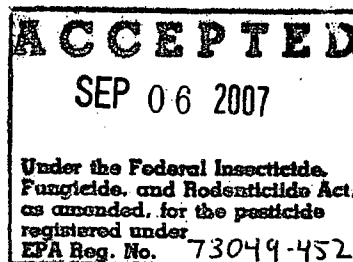
The percent active ingredient does not indicate product performance and potency measurements are not Federally standardized.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Valent BioSciences Corporation
870 Technology Way
Libertyville, IL 60048

EPA Reg. No. 73049-XX
EPA Est. No.

Net Contents:



| | |
|---|--|
| FIRST AID | |
| If in eyes | <ul style="list-style-type: none"> • Hold eye open, and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |
| If on skin or clothing | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| HOT LINE NUMBER | |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-315-9819 (24 hours) for emergency medical treatment and or transport emergency information. For all other information, call 1-800-323-9597. | |

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Mixers/loaders and applicators not in enclosed cabs or aircraft, must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

ENVIRONMENTAL HAZARDS

Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Storage: Store in cool, dry place.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

APPLICATION DIRECTIONS

| Midge Habitat (such as the following examples): | Suggested Rate Range* |
|--|----------------------------------|
| Man-made or natural lakes, ponds, lagoons | 25-30 kg/ha(22.3- 26.8 lbs/acre) |
| Sewage oxidation ponds | |
| Channels, ditches used for industrial discharges | |

* Use higher rate in deeper water >0.5 meters (20 inches) of water.
 Repeat applications as needed after 2-3 weeks. Control of midges may be gradual over a period of two weeks.

Application Methods

Apply **VectoBac Pellets** uniformly over the entire surface of the lake or pond. In large lakes/ponds where complete surface treatments are not possible, applications concentrated along the perimeter may be effective in reducing midge populations; most of the nuisance midge larvae of many species will occur within 2 meters of the pond perimeter in < 1 meter deep water.

Apply **VectoBac Pellets** using conventional ground application equipment such as, hand or motorized spreaders or backpack blowers. A uniform application over the surface of the area to be treated is essential for optimum midge population reduction.

Midges Controlled with VectoBac Pellets

Only a small percentage of the thousands of pestiferous species of "non-biting midges" have been tested for susceptibility to **VectoBac Pellets**. Members of the subfamily Chironomini and Tanytarsini are generally susceptible; members of the subfamily Tanypodinae are not susceptible at the **VectoBac Pellets** labeled-use rate.

When initially using **VectoBac Pellets** in a midge control program, it is recommended that only a small test area be treated if the species of midge(s) to be controlled has not been identified.

NOTICE TO USER

To the fullest extent permitted by law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

5/5

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