

73049-451

9/21/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

NOTICE OF PESTICIDE REGISTRATION

Registration
 Reregistration

(under FIFRA, as amended)

EPA Reg. Number:
73049-451

Date of Issuance:
SEP 21 2007

Term of Issuance: Unconditional

Name of Pesticide Product:
V60092 Floating and Sustained Release Biological

Name and Address of Registrant (Include ZIP Code):

Valent BioSciences Corporation
870 Technology Way
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/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 registration does not eliminate the need for continual reassessment of the pesticide. If 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 registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions

- (1) Submit/cite all data required for registration of your product under FIFRA § 3(c)(5) when the Agency requires all 1 registrants of similar products to submit such data.
- (2) Submit an efficacy study to demonstrate the efficacy of product stored at room temperature for a year by September 30, 2008.
- (3) Insert the phrase EPA Reg. No.73059-451 on the label.
- (4) Submit two (2) copies of the revised final printed labeling before you release the product for shipment. Refer to attached Type Size Requirements for final printed labeling.

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

		CONCURRENCES		Date:	
SYMBOL	Janet L. Andersen, Ph.D., Director				
SURNAME	Biopesticides and Pollution Prevention Division (7511P)				
DATE	Form 8570-6	9/21/07	9/21/07		

9/21/07

Si... Kelly
7511P 7511P

2/11

VBC-60092 (Bactimos Briquette)

Floating and Sustained Release Biological Mosquito Larvicide

(MASTER LABEL)

For Organic Production

ACTIVE INGREDIENT:

<i>Bacillus thuringiensis</i> Subsp. <i>israelensis</i> Serotype H-14, Strain AM65-52	
Fermentation Solids, Spores, Insecticidal Toxins.....	10.3%
Inert Ingredients.....	89.7%
TOTAL.....	100.0%

Potency: This product contains 700 ITU/mg or 0.318 Billion ITU/lb

Expiration Date: (Two years from date of manufacture).

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

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

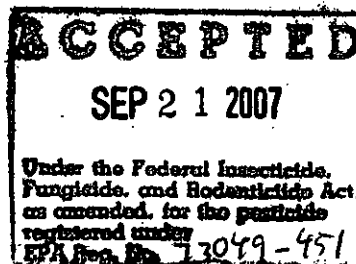
Valent BioSciences Corporation
870 Technology Way, Suite 100
Libertyville, IL 60048

EPA Reg. No. 73049-ULR
EPA Est. 33762-IA-001

Lot No.

SEE OTHER PANEL FOR PRECAUTIONARY STATEMENTS

Net Contents



3/11

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 for treatment advice.
HOT LINE NUMBER	
<p>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.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Water proof gloves
- Shoes plus socks

Mixer/loaders and applicators must wear 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.

Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

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

DIRECTIONS FOR USE

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

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STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a 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: Dispose of empty container 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

APPLICATION DIRECTIONS

MOSQUITO CONTROL

VBC-60092 (Bactimos Briquette) is a selective microbial insecticide for use against mosquito larvae in a variety of habitats. VBC-60092 (Bactimos Briquette) can be applied to areas that contain fish, other aquatic life, and plants. VBC-60092 (Bactimos Briquette) can be applied to areas used by or in contact with humans, pets, horses, livestock, birds, or wildlife including natural or manmade aquatic habitats other than finished drinking water.

VBC-60092 (Bactimos Briquette) is a donut-shaped briquette designed for direct application to mosquito larval habitats. The briquettes are buoyant and will float, releasing and dispersing the active ingredient for more than 50 days. The floating action and formulation components of VBC-60092 (Bactimos Briquette) assure continuous release and dispersal of the active ingredient at the surface of the water where it is available for ingestion by mosquito larvae.

VBC-60092 (Bactimos Briquette) may also be used for pre-flood treatment. If applied to dry areas known or expected to become larval habitats when flooded, the briquettes will float to the surface when flooded and release effective doses of the active material. Alternative wetting and drying will not reduce the effectiveness of VBC-60092 (Bactimos Briquette).

If necessary to prevent VBC-60092 (Bactimos Briquette) from being flushed out of certain sites, they may be anchored in place using a string tied through the center of the briquette.

5/11

APPLICATION RATE

For control of mosquito larvae in both crop and non-crop sites, apply VBC-60092 (Bactimos Briquette) at the rate of 1 briquette for up to 100 square feet of surface area regardless of depth.

For smaller areas, VBC-60092 (Bactimos Briquette) may be broken into smaller pieces for application. For areas less than 25 square feet in surface area, one-half of a briquette may be used, and for areas less than 5 square feet in surface area, apply one-quarter of a briquette may be used.

For pre-flood treatment, apply 1 briquette per 100 square feet of dry surface bed in area expected to flood and become habitat for mosquito larvae.

Treatment Areas (for use in):

- | | |
|--|-------------------------------|
| Ponds | Flood water |
| Lagoons | Standing water |
| Water gardens | Storm water retention areas |
| Bird baths | Catch basins |
| Evaporative Coolers | Snow melt pools |
| Fountains | Abandoned swimming pools |
| Flower pots and planters | Unused swimming pools or spas |
| Hollow trees and tree holes | Flooded basements |
| Urns | Pool covers |
| Rain barrels | Gutters and drains |
| Livestock watering troughs/ponds/tanks | Wheelbarrows |
| Irrigation ditches | Garbage cans and covers |
| Roadside ditches | Discarded tires |

Any location where water accumulates and remains standing for periods of time, except treated, finished drinking water for human consumption.

Longer periods of mosquito population suppression may result where sufficient numbers of non-target aquatic invertebrate parasites and predators are present since these are not affected by the product and contribute to mosquito population reduction.

NOTICE TO USER

To the fullest extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the 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.

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Optional Label Claims

- Biological Mosquito Control
- Mosquito Biolarvicide Briquette
- Highly selective microbial larvicide
- Targets mosquitoes in their breeding habitats
- Reduces the number of adult mosquitoes developing
- When ingested by mosquito larvae, VBC-60092 (Bactimos Briquette) prevents larvae from becoming (developing into) breeding, biting adults.
- When ingested by mosquito larvae, VBC-60092 (Bactimos Briquette) prevents the development of adults.
- Kills mosquito larvae upon ingestion.
- Kills mosquito larvae upon ingestion of *Bti* toxins.
- Kills mosquito larvae upon ingestion by destroying the insect digestive tract.
- Kills developing mosquitoes (mosquito larvae) including those that may (are known to) transmit (carry) West Nile virus and other mosquito-borne diseases.
- Kills developing mosquitoes (mosquito larvae) including those that may (are known to) transmit (carry) West Nile virus, encephalitis, dengue fever, chickungunya virus and equine encephalitis.
- Kills developing mosquitoes (mosquito larvae) including those that may (can) (are known to) transmit (carry) heartworm disease to dogs and cats.
- Apply in water where mosquitoes may breed; see label for specific use sites
- Easy to use
- Up to 7 weeks between applications
- Biodegradable components

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7/11

VBC-60092 (Bactimos Dunk)

Floating and Sustained Release Biological Mosquito Larvicide

(Residential Sub label)

For Organic Production

ACTIVE INGREDIENT:

<i>Bacillus thuringiensis</i> Subsp. <i>israelensis</i> Serotype H-14, Strain AM65-52	
Fermentation Solids, Spores, Insecticidal Toxins.....	10.3%
Inert Ingredients.....	89.7%
TOTAL	100.0%

Potency: This product contains 700 ITU/mg or 0.318 Billion ITU/lb
Expiration Date: (Two years from date of manufacture).

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
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EPA Est. 33762-IA-001

Lot No.

SEE OTHER PANEL FOR PRECAUTIONARY STATEMENTS

Net Contents

8/11

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 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 breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

ENVIRONMENTAL HAZARDS

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

DIRECTIONS FOR USE

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

9/11

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a 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: If empty. Do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain

DIRECTIONS FOR USE – VBC-60092 (BACTIMOS DUNK)

APPLICATION DIRECTIONS

For residential use.

MOSQUITO CONTROL

VBC-60092 (Bactimos Dunk) is a selective microbial insecticide for use against mosquito larvae in a variety of habitats. VBC-60092 (Bactimos Dunk) can be applied to areas that contain fish, other aquatic life, and plants. VBC-60092 (Bactimos Dunk) can be applied to areas used by or in contact with humans, pets, horses, livestock, birds, or wildlife including natural or manmade aquatic habitats other than finished drinking water.

VBC-60092 (Bactimos Dunk) is a donut-shaped dunk designed for direct application to mosquito larval habitats. The dunks are buoyant and will float, releasing and dispersing the active ingredient for more than 50 days. The floating action and formulation components of VBC-60092 (Bactimos Dunk) assure continuous release and dispersal of the active ingredient at the surface of the water where it is available for ingestion by mosquito larvae.

VBC-60092 (Bactimos Dunk) may also be used for pre-flood treatment. If applied to dry areas known or expected to become larval habitats when flooded, the dunks will float to the surface when flooded and release effective doses of the active material. Alternative wetting and drying will not reduce the effectiveness of VBC-60092 (Bactimos Dunk).

If necessary to prevent VBC-60092 (Bactimos Dunk) from being flushed out of certain sites, they may be anchored in place using a string tied through the center of the dunk.

10/11

APPLICATION RATE

For control of mosquito larvae in both crop and non-crop sites, apply VBC-60092 (Bactimos Dunk) at the rate of 1 dunk for up to 100 square feet of surface area regardless of depth.

For smaller areas, VBC-60092 (Bactimos Dunk) may be broken into smaller pieces for application. For areas less than 25 square feet in surface area, one-half of a dunk may be used, and for areas less than 5 square feet in surface area, apply one-quarter of a dunk may be used.

For pre-flood treatment, apply 1 dunk per 100 square feet of dry surface bed in area expected to flood and become habitat for mosquito larvae.

Treatment Areas (for use in):

- | | |
|--|-------------------------------|
| Ponds | Flood water |
| Lagoons | Standing water |
| Water gardens | Storm water retention areas |
| Bird baths | Catch basins |
| Evaporative Coolers | Snow melt pools |
| Fountains | Abandoned swimming pools |
| Flower pots and planters | Unused swimming pools or spas |
| Hollow trees and tree holes | Flooded basements |
| Urns | Pool covers |
| Rain barrels | Gutters and drains |
| Livestock watering troughs/ponds/tanks | Wheelbarrows |
| Irrigation ditches | Garbage cans and covers |
| Roadside ditches | Discarded tires |

Any location where water accumulates and remains standing for periods of time, except treated, finished drinking water for human consumption.

Longer periods of mosquito population suppression may result where sufficient numbers of non-target aquatic invertebrate parasites and predators are present since these are not affected by the product and contribute to mosquito population reduction.

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- Kills mosquito larvae upon ingestion.
- Kills mosquito larvae upon ingestion of *Bti* toxins.
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- Apply in water where mosquitoes may breed; see label for specific use sites
- Easy to use
- Up to 7 weeks between applications
- Biodegradable components

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