



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:  
75318-9

Date of Issuance:  
7-28-06

Term of Issuance:  
**Unconditional**

Name of Pesticide Product:  
**B2E-09**

**NOTICE OF PESTICIDE:**  
 **Registration**  
 **Reregistration**  
(under FIFRA, as amended)

Name and Address of Registrant (Include ZIP Code):

B2E Biotech, LLC  
3030 Noyac Rd., Bldg. D-2  
Sag Harbor, NY 11963

**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 unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

1. Submit and/or cite all data required for registration/ reregistration 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. Revise the EPA Registration Number on the product label to read: "EPA Reg. No. 75318-9."
3. Submit three (3) copies of the revised final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFR sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

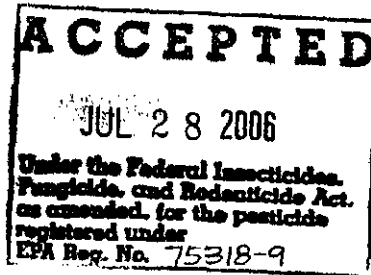
Signature of Approving Official:

Janet L. Andersen, Director,  
Biopesticides and Pollution Prevention Division

Date:

7-28-06

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**B2E-09  
MASTER LABEL**

<b>Sub-label A:</b>	<b>Commercial Use – small/large briquet</b>
<b>Sub-label B:</b>	<b>Commercial Use – small/large briquet (catch basin)</b>
<b>Sub-label C:</b>	<b>Residential Use – small/large briquet</b>
<b>Optional Label Claims</b>	

**ACTIVE INGREDIENT:**

(S)-Methoprene (CAS #65733-16-6) . . . . . 2.50%  
 OTHER INGREDIENTS: . . . . . 97.50%  
 Total: . . . . . 100.00%

The ingredient statement is expressed on a dry weight basis. This product contains residual water - the weight of the briquet and percent by weight of active ingredient will vary with hydration.

EPA Reg No. (pending as File Symbol 75318-O)  
 EPA Est. No.

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

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**  
 See (back panel) (side panel) (insert label) for additional precautionary statements

**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. Remove contaminated clothing and wash clothing before reuse.

<b>FIRST AID</b>	
<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 on skin</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>
<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-XXX-XXX-XXXX for emergency medical treatment information.</p>	

**ENVIRONMENTAL HAZARDS**

Do not contaminate water when disposing of equipment washwaters or rinsate.

## Sub-label A: Commercial Use – small/large briquet

### INTRODUCTION

**B2E-09** effectively controls mosquito breeding sites for up to [45] [170] days. The briquet continuously releases the insect growth regulator S-Methoprene in treated water [as the briquet dissolves] to prevent adult mosquito development. Treated larvae develop normally to the pupal stage where they die. [**B2E-09** prevents the emergence of adult mosquitoes, which are known vectors of diseases, and may transmit West Nile Virus.]

### DIRECTIONS FOR USE

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

### APPLICATION DIRECTIONS

Apply **B2E-09** in mosquito breeding sites before or at any time during the mosquito season. **B2E-09** can be applied to breeding sites when the sites are dry. Under typical environmental conditions, **B2E-09** will control for up to [45] [170] days. Alternate wetting and drying will not reduce briquet effectiveness. For best results, continue treatments on regular intervals throughout the mosquito season. The active ingredient S-Methoprene has no effect on mosquitoes that have reached the pupal or adult stage prior to treatment.

### APPLICATION RATES

#### *Aedes, Ochlerotatus, Anopheles and Psorophora spp.:*

Place 1 briquet in areas up to 4 ft<sup>2</sup> of water surface. Apply 1 additional briquet for each additional 4 square feet. When possible, place briquets in the lowest areas of each site to maintain continuous control as sites alternately flood and dry. As sites begin drying, larvae will move with the water as it recedes into the low areas containing briquets, ensuring effective control.

#### *Culex, Culiseta, Coquillettidia and Mansonia spp.:*

Place 1 briquet in areas up to 4 ft<sup>2</sup> of water surface. Apply 1 additional briquet for each additional 4 square feet. To control *Culex sp.* in storm water drainage areas, sewers, and catch basins place 1 briquet into each basin.

### APPLICATION SITES

Apply **B2E-09** pre-hatch or post-hatch as directed above to temporary and permanent water sites which support mosquito larval development. Examples of typical sites are: dredge spoil sites, wastewater treatment facilities, waste settling ponds, sewers, septic ditches, catch basins, storm water retention basins, storm drains, retention and detention ponds, drainage areas, roadside ditches, tree holes, log decks, tires, water-holding receptacles, ornamental ponds and fountains, animal watering troughs and ponds, ornamental fish ponds, flooded crypts, transformer vaults, abandoned swimming pools, artificial water-holding containers, and other natural and manmade depressions where mosquitoes may breed.

For best results in soft bottom sites, suspend briquets in cages using stakes or floats to prevent briquets from sinking into the sediment. Also use cages where the briquet can be removed from the site by flushing action.

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**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:**

Store in a cool, dry place.

**PESTICIDE DISPOSAL:**

Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**

Completely empty box. Then dispose of empty box in trash. Do not reuse container.

**WARRANTY AND CONDITIONS OF SALE**

Seller makes no warranty, express or implied, concerning the use and handling of this product other than indicated on the label. To the fullest extent permitted by law, buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

Always read the label before using this product.

For information, call 1-XXX-XXX-XXXX or visit our web site: [www.\\_\\_\\_\\_\\_.com](http://www._____.com)

**B2E Biotech LLC**  
**Harrison, NY U.S.A**

## Sub-label B: Commercial Use – small/large briquet (catch basin)

### INTRODUCTION

**B2E-09** effectively controls urban mosquito breeding sites for up to [45] [170] days. The briquet continuously releases the insect growth regulator S-Methoprene in treated water [as the briquet dissolves] to prevent adult mosquito development. Treated larvae develop normally to the pupal stage *where they die*. **B2E-09** prevents the emergence of adult mosquitoes, which are known vectors of diseases, and may transmit West Nile Virus.

### DIRECTIONS FOR USE

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

### APPLICATION DIRECTIONS

Apply **B2E-09** to known mosquito breeding sites before, at the beginning or at any time during the mosquito season. **B2E-09** is designed to provide extended residual control. Under typical environmental conditions, **B2E-09** will control for [45] [170] days. Alternate wetting and drying will not reduce briquet effectiveness. For best results, continue treatments on regular intervals throughout the mosquito season. The active ingredient S-Methoprene has no effect on mosquitoes that have reached the pupal or adult stage prior to treatment.

### APPLICATION RATES

To control mosquitoes in catch basin sites, place 1 briquet in each basin up to 4 square feet of water surface. Apply 1 additional briquet for each additional 4 square feet.

### APPLICATION SITES

**B2E-09** are designed to control mosquitoes in urban breeding sites. Examples of application sites include: catch basins, curb gutters, underground drainage systems, flooded crypts, transformer vaults, storm drains, storm water retention basins and similar water holding locations that breed mosquitoes. For application sites connected by a water system, i.e., storm drains or catch basins, treat all of the water-holding sites in the system to maximize the efficiency of the treatment program.

For best results in soft bottom sites, suspend briquets in cages using stakes or floats to prevent briquets from sinking into the sediment. Also use cages where the briquet can be removed from the site by flushing action.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, dry place.

**PESTICIDE DISPOSAL:** Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** *Completely empty box. Then dispose of empty box in trash. Do not reuse container.*

### WARRANTY AND CONDITIONS OF SALE

Seller makes no warranty, express or implied, concerning the use and handling of this product other than indicated on the label. To the fullest extent permitted by law, buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

Always read the label before using this product.

For information, call 1-XXX-XXX-XXXX or visit our web site: [www.\\_\\_\\_\\_\\_.com](http://www._____.com)

**B2E Biotech LLC**  
Harrison, NY U.S.A

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**Sub-label C: Residential Use – small/large briquet**

**DIRECTIONS FOR USE**

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

**INTRODUCTION**

**B2E-09** is an easy and effective way to kill developing mosquitoes in standing water before they become biting adults. Adult mosquitoes are both a nuisance and a serious health threat transmitting West Nile Virus and other viruses that can cause encephalitis in both people and pets. They may also transmit heartworm to dogs and cats. **B2E-09** slowly and continuously releases an Insect Growth Regulator into the water to prevent adult mosquito development for up to [45 days][170 days][6 weeks][5 months]. Mosquito larvae exposed to treated water will die in the pupal stage before they reach adulthood.

**HOW TO APPLY**

Place **B2E-09** in standing water where mosquitoes breed. Use one **B2E-09** to control up to 4 square feet of water surface. Apply 1 additional briquet for each additional 4 square feet. When used as directed, **B2E-09** will not adversely affect humans, animals, fish or vegetation.

**APPLICATION SITES**

**B2E-09** controls mosquitoes in water holding receptacles and standing water sites around your home. Apply **B2E-09** as a preventative measure to mosquito breeding sites before they fill with water. **B2E-09** may also be used in sites that intermittently fill with water. The active ingredient is released when in contact with water, and will remain effective for up to [45 days][170 days][6 weeks][5 months]. Do not apply to water that may drain into public waterways such as lakes or streams.

Examples of application sites include, but are not limited to:

- |                         |                       |                         |
|-------------------------|-----------------------|-------------------------|
| Bird Baths              | Roof Gutters          | Animal Watering Troughs |
| Ornamental Fountains    | Old Tires             | Man-made depressions    |
| Ornamental fish ponds   | Tree Holes            | Other water holding     |
| Flower Pots or planters | Pool Covers           | containers              |
| Urns                    | Unused Swimming Pools |                         |
| Rain Barrels            | or Spas               |                         |

**APPLICATION TIMING**

[For best results, apply **B2E-09** before the beginning of the mosquito season, and continue at least every 45 days throughout the entire mosquito season. (45 day briquet)] [For best results, apply **B2E-09** before the beginning of the mosquito season for season long control. (170 day briquet)].

**STORAGE AND DISPOSAL**  
**Storage:** Store in a cool, dry place. **Disposal: If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partially filled:** Call your local solid waste agency. Never place unused product down any indoor or outdoor drain.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or skin. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS**

Do not apply to water that drains into public waterways.

**OPTIONAL LABEL CLAIMS**

- A controlled release briquet designed for catch basin treatments.
- Just place in standing water.
- Won't harm humans, animals, fish or vegetation when used as directed.
- When used as directed, **B2E-09** [will not][won't] harm humans, animals, fish or vegetation.
- Can be applied to areas that contain aquatic life, fish and plants.
- Kills mosquitoes in standing water where they breed.
- Mosquito Larvicide Briquet.
- Highly selective larvicide.
- Effectively reduces mosquito populations.
- Biochemical mosquito larvicide.
- A (highly selective) insect growth regulator effective against mosquitoes in a variety of habitats.
- Easy to use.
- Easy to apply briquets.
- Will not float away.
- Won't discolor water.
- No unsightly debris.
- Quick, clean and simple to use.
- Nothing to mix or spray.
- An alternative to chemical sprays.
- Treat (standing) water, avoid chemical sprays.
- Treat mosquitoes at the source.
- (Use) (Apply) in standing water (where mosquitoes may breed); see label for specific use sites.
- (Use) (Apply) in containerized or private standing water (where mosquitoes may breed); see label for specific use sites.
- Kills mosquito(es) [larvae] in [stagnant] standing water [before they are able to bite][where they breed]. Apply to standing [stagnant] water in your yard.

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- For use in all water-holding receptacles [containers] where mosquitoes may breed including water gardens [and animal [horse] watering troughs.
- [Mosquito Larvicide with] [45] [170] day protection.
- Effective [controls][protects] for up to [45] [170] days.
- Each briquet treatment provides [45] [170] days of protection.
- Each B2E-09 [controls][protects] for up to [45 days][6 weeks][170 days][5 months][6 months (4 pack of 45's)].
- A Sustained Release [45][170] Day Mosquito Larvicide Briquet.
- Each briquet treats up to 4 square feet (residential label)(catch basin label).
- One application controls all season. (170 day briquet).
- Season Long Control (170 day briquet).
- Prevents Adult Mosquito Emergence (including those which (may) transmit West Nile Virus).
- Prevents the development of adult mosquitoes.
- Prevents immature mosquitoes from developing into adults.
- Prevents emergence of breeding, biting adult mosquitoes.
- Prevents the development of mosquito larvae.
- An Insect Growth Regulator to prevent the emergence of adult mosquitoes.
- A controlled release briquet that prevents adult mosquito emergence (including those which may transmit West Nile Virus).
- Kills developing mosquito larvae.
- Kills mosquitoes before they hatch including those which may transmit West Nile Virus.
- Kills (mosquitoes) (developing mosquitoes) (mosquito larvae) (before they hatch) including those which may (can) transmit (carry) West Nile Virus (and encephalitis) (and equine encephalitis).
- Kills (mosquitoes) (developing mosquitoes) (mosquito larvae) before they become breeding, biting adults, including those which may (can) transmit (carry) West Nile Virus (and encephalitis) (and equine encephalitis).
- Kills (mosquitoes) (developing mosquitoes) (mosquito larvae) (before they hatch) including those which may (can) transmit [West Nile virus] [and heartworm disease] [and heartworm disease to dogs and cats].
- Kills (mosquitoes) (developing mosquitoes) (mosquito larvae) (before they hatch) including those which may (can) transmit heartworm disease to dogs and cats.