

SEP 28 1995

30/18 / 5420767

Mr. Lawrence E. Kase  
President  
Summit Chemical Company  
7657 Canton Center Drive  
Baltimore, MD 21224-2079

Dear Mr. Kase:

Subject: June 23, 1994 Labeling Amendment Application to Add  
Psychodid Fly Larvae Use in Waste Water Treatment  
Plants / Bactimos® Briquets  
EPA Registration No. 6218-47

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

- 1) Add the following Environmental Hazards block to the label.

**ENVIRONMENTAL HAZARDS**

**Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles.**

- 2) Modify the ingredients statement to read as follows.

**ACTIVE INGREDIENT: *Bacillus thuringiensis* subspecies israelensis primary powder [7000 *Aedes aegypti* (AA) International Toxic Units (ITU) per milligram primary powder (Dry weight basis)].....10%**  
**INERT INGREDIENTS:.....90%**

**Potency units should not be used to adjust use rates beyond those specified in the Directions for Use section.**

- 3) Add the statement "Do not contaminate water, food, or feed by storage or disposal." to the Storage and Disposal block.

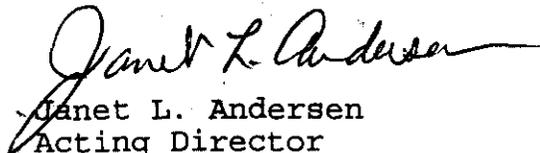
Bactimos® Letter Page 2  
EPA Reg. No. 62128-47

4) Submit an updated confidential statement of formula that agrees with your label ingredient statement.

Submit two (2) copies of the final printed labeling prior to releasing the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA § 6(e). Your release for shipment of the amended product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Sincerely,



Janet L. Andersen  
Acting Director  
Biopesticides and Pollution  
Prevention Division (7501W)

Mendelsohn / BTI 606901

# Summit

# BACTIMOS® BRIQUETS

## FLOATING SUSTAINED-RELEASE LARVICIDE FOR LONG-TERM CONTROL OF MOSQUITO LARVAE

## BIOLOGICAL MOSQUITO CONTROL

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
SEP 28 1995

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
6218-2



EPA Registration No.  
6218-47

EPA Est. No.  
6218-MD-2

Net weight:  
9.15 oz.  
260 g.

Contains 20 Briquets  
Lot No:

Manufactured by  
Summit Chemical Co.  
Baltimore, Maryland 21224

ACTIVE INGREDIENT: *Bacillus thuringiensis* Berliner var. *israelensis*, Serotype H-14, primary powder, 7000 *Aedes aegypti* (AA) International Toxic Units (ITU) per milligram (Dry weight basis) ..... 10%  
INERT INGREDIENTS: ..... 90%

### PRECAUTIONARY STATEMENTS Keep Out Of Reach Of Children

### CAUTION

Hazards to Humans: Avoid contact with eyes or open wounds.

### STORAGE AND DISPOSAL

**Storage:** Tightly close containers of unused briquets. Store in cool dry, well-ventilated place.

**Disposal:** Do not reuse empty carton or packaging material. Perforate or crush and discard carton according to local trash disposal regulations.

### DIRECTIONS FOR USE

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

Summit BACTIMOS® BRIQUETS are formulated to release effective levels of Bti for a period of 30 days or more under typical environmental conditions. The floating action of the briquets will ensure that the active material is released at the surface as well as gradually settle to the bottom.

These briquets may be used in all types of mosquito breeding areas. To prevent briquets from being flushed out of certain treatment sites, they can be anchored using a string tied through the hole in the center or staked in place.

Summit BACTIMOS® BRIQUETS can also be used for pre-flood treatment. If the briquets are applied to dry areas which are known or suspected to become breeding sites when flooded, such as woodland pools and abandoned swimming pools, the briquets will float to the surface when flooding occurs and start releasing the active Bti material. Alternate wetting and drying will not reduce their effectiveness.

### APPLICATION RATES

#### Mosquito Larvae:

**Flooded larvae breeding sites:** Use one (1) Summit BACTIMOS® BRIQUET for up to 100 sq. ft. of surface area, regardless of depth. In water with a high organic content, such as sewage disposal systems or waste lagoons, the application rate may have to be increased to as much as four (4) times the normal dosage based upon evaluation by the user.

When larval populations are high, aquatic vegetation dense, or the water highly polluted at the time of briquet use, pre-treatment with Bactimos WP is recommended. The briquet will then suppress larval development for up to 30 days or more. Some larvae which hatch after briquet application may partially develop before dying. Allow a minimum of 48 hours for their control.

**Pre-Flood treatment:** Apply one (1) Summit BACTIMOS® BRIQUET to each 100 sq. ft. of dry bed surface which is a known or suspected breeding site when flooded.

**Outdoor Use around the Household to Kill Mosquito Larvae:** Summit Bactimos Briquets can be broken into portions for use in many outdoor applications near the household, such as standing water in bird baths, old automobile tires, rain barrels, ponds, abandoned or unused swimming pools (particularly above ground types), ditches, tree holes, roof gutters for collecting rainwater, flower pots, or any other location near the household where water collects and remains for periods of time. Summit Bactimos Briquets can be broken and used as shown in the following table, the amount dependent upon the surface area of water in the treatment site.

Surface area of standing water	1 to 5 square ft.	5 to 25 square ft.	25 to 100 square ft.	Above 100 square ft.
Use Quantity	1/4 Briquet	1/2 Briquet	1 Briquet	1 Briquet per 100 sq. ft.

**Flood treatment around the Household:** Apply Summit Bactimos Briquets to any dry surface which is known to become flooded after a rain. Use the correct amounts in accordance with the above dosage table.

Pat. No. 4,631,857 Patented in Canada, 1987

3/4

**APPLICATION RATES:**

**Psychodid Fly Larvae (Filter Flies, Sewage Flies, Drain Flies) In Waste Water Treatment Plants:**

Place Bactimos Briquets in a perforated basket such as a minnow bait basket and suspend the basket in the waste water stream before the water enters the trickling filter. Keep basket continuously filled with Briquets to ensure a steady flow of B.t.i. into the filter. The number of Briquets needed for continuous, effective treatment in each facility will be dependent upon the volume and flow rate of the stream. This will have to be determined by the user.

