

73049-62

8/10/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 10 2011

Doina Bujor  
Regulatory Manager  
Valent BioSciences Corporation  
870 Technology Way  
Libertyville, IL 60048

Dear Ms. Bujor:

Subject: *Bacillus thuringiensis* subsp. *kurstaki* Slurry (for DiPel Technical and DF formulations)  
EPA Reg. No. 73049-62  
Application for amendments dated June 2, 2011 and July 8, 2011 and subsequent CSF  
submission dated August 4, 2011

On June 2, 2011, you submitted a label amendment to correct the ingredient statement, cancel the Alternate formulation and change the product name of *Bacillus thuringiensis* subsp. *kurstaki* Slurry (EPA Reg. No. 73049-62) to *Bacillus thuringiensis* subsp. *kurstaki* Slurry (for DiPel Technical and DF formulations). Subsequently, a revised Confidential Statement of Formula (CSF) was submitted on August 4, 2011. The amended CSF is acceptable under the Federal Insecticide, Fungicide, and Rodenticide Act and has been added to the product file. To review, the following formulation is now on file for this product:

- Basic Formulation (CSF dated August 4, 2011)

The amended label includes the following changes:

- Product name changed to *Bacillus thuringiensis* subsp. *kurstaki* Slurry (for DiPel Technical and DF formulations)
- Correction of the Ingredient Statement to match the approved CSF
- Correction to the Hazards to Humans and Domestic Animals statement to include the complete statement "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet."
- The addition of the phrase "Manufactured for" before the Company Name and Address
- Directions for Use moved above Storage and Disposal statement

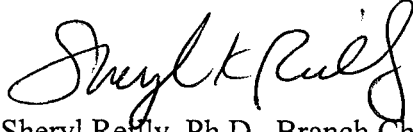
The label changes referred to above, submitted in connection with registration under section 3(c)(5) of the Federal Insecticide, Fungicide, and Rodenticide Act, are acceptable provided that you submit two (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of a final printed label.

CONCURRENCES

SYMBOL	7511P	7511P	7511P					
SURNAME	Johnson	Reynolds	Ruef					
DATE	8/9/11	8/9/11	8/10/11					

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. If you have any questions, please contact Sally Johnson of my staff at (703) 347-0278 (e-mail: johnson.sally@epa.gov).

Sincerely,



Sheryl Reilly, Ph.D., Branch Chief  
Microbial Pesticides Branch (7511P)  
Biopesticides and Pollution Prevention Division

Enclosures: (1) *Bacillus thuringiensis* subsp. *kurstaki* Slurry (for DiPel Technical and DF formulations)  
Accepted Label  
(2) A-79 Enclosure

3095

**Bacillus thuringiensis subsp. kurstaki Slurry  
(for DiPel Technical and DF formulations)**

BIOLOGICAL INSECTICIDE

FOR MANUFACTURING USE ONLY

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**ACTIVE INGREDIENT:**

*Bacillus thuringiensis* subsp. *kurstaki*, strain ABTS- 351 solids, spores and  
insecticidal toxins.....22% w/w

**OTHER INGREDIENTS:**.....78% w/w

Total: 100% w/w

**The % active ingredient does not indicate product performance**

EPA Registration No. 73049-62  
EPA Establishment No.

Batch Code: \_\_\_\_\_

Manufactured for: Valent BioSciences Corporation  
870 Technology Way  
Libertyville, IL 60048  
1-800-323-9597

**ACCEPTED**

**AUG 10 2011**

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for  
the pesticide registered under  
EPA Reg. No. 73049-62

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

Harmful if absorbed through skin. 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, using tobacco or using the toilet. Mixer/loaders and applicators 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.

**FIRST AID**

If in eyes:	--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:	--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. For medical emergencies, you may also call toll-free 1-877-315-9819 for treatment information.

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This slurry is intended for formulation into insecticidal products for use on food and non-food crops.

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in cool, dry conditions.

**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

**Small containers:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact Ag Container Recycling Council at 202-861-3144 or [www.acrecycle.org](http://www.acrecycle.org) . If recycling is not available puncture and dispose of the container in a sanitary landfill, or by other procedures approved by state and local authorities.

**Large containers:** Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closure. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn container over into its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available. Offer for reconditioning, if appropriate.

**Tanker trucks:** Follow manufacturer's directions for cleaning