

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other (checked)

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number: 70051-65
2. EPA Product Manager: Dennis Szuhay
3. Proposed Classification: None/Restricted
4. Company/Product Name: Thuricide HPC for Home and Gardens
5. Name and Address of Applicant: Certis USA, L.L.C.
6. Expedited Review: In accordance with FIFRA Section 3(c)(3)(b)(i)...

Section - II

Amendment - Explain below. Resubmission in response to Agency letter dated. Notification - Explain below. Final printed labels in response to Agency letter dated. "Me Too" Application. Other - Explain below.

Explanation: Use additional page(s) if necessary. Notification to revise the heading over the warranty statement to read "Warranty" instead of "Conditions of Sale and Warranty"...

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container: Plastic
3. Location of Net Contents Information: Label
4. Size(s) Retail Container: 4 or 8 fluid ounces
5. Location of Label Directions: on container
6. Manner in Which Label is Affixed to Product: Lithograph Paper glued

Section - IV

1. Contact Point: Christine A. Dively, Director of Regulatory Affairs
Certification: I certify that the statements I have made on this form...
2. Signature: Christine A. Dively
3. Title: Director of Regulatory Affairs
4. Typed Name: Christine A. Dively
5. Date: April 5, 2004
6. Date Application Received (Stamped)

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Certis USA  
9145 Guilford Road  
Suite 175  
Columbia, MD 21046  
**(301) 604-7340**  
FAX (301) 604-7015  
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April 7, 2004

Mr. Dennis Szuhay  
Branch Chief, Microbial Pesticides Branch  
Biopesticides and Pollution Prevention Division (7511C)  
Office of Pesticide Programs  
US Environmental Protection Agency  
1921 Jefferson Davis Highway  
Arlington, VA 22202

**Re: Final printed labeling and Notifications for Certis USA, L.L.C.,  
EPA Co. No. 70051**

Dear Mr. Szuhay:

Certis USA, L.L.C. is respectfully submitting the enclosed final printed labeling that incorporates minor revisions (Notifications) for the following product labels:

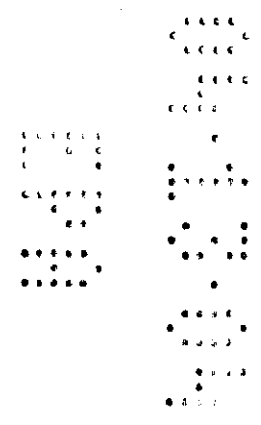
- 1) Javelin WG, EPA Reg. No. 70051-66
- 2) Thuricide HPC for Home and Gardens, EPA Reg. No. 70051-65
- 3) Thuricide HPC, EPA Reg. No. 70051-52
- 4) Deliver (San 420 I WG), EPA Reg. No. 70051-69
- 5) Gemstar LC, EPA Reg. No. 70051-45

Enclosed in support of this action are: EPA Form 8570-1, a copy of the previously approved label with changes highlighted, and 3 copies of each final printed label with incorporated changes. No other changes have been made to these labels. Please do not hesitate to contact me if you have any questions about this submission. I can be reached by telephone at 301-483-3806 or by email at [cdively@certisusa.com](mailto:cdively@certisusa.com).

Sincerely,

*Christine A. Dively*  
Christine A. Dively  
Director of Regulatory Affairs

Enclosures



# Thuricide HPC FOR HOME & GARDENS

## BIOLOGICAL INSECTICIDE

Controls worms and caterpillars on Fruits, Vegetables, Ornamentals and Shade Trees  
Easy-To-Mix Liquid Concentrate

**ACTIVE INGREDIENT:**

*Bacillus thuringiensis* subspecies *kurstaki* solids, spores and  
Lepidopteran active toxins (At least 6 million viable spores per mg)\* .....15.0%

**INERT INGREDIENTS:** .....85.0%

**TOTAL:** .....100.0%

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

Net Contents: 4 (or 8) FL. OZ.  
EPA Reg. No. 70051-65  
EPA Est. No. 70051-CA-001  
Lot Number:

Manufactured by  
Certis USA, L.L.C.  
9145 Guilford Road  
Suite 175  
Columbia, MD 21046



**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### NOTIFICATION

Date Reviewed: 12/2/01

Reviewed By: [Signature]

**Precautionary Statements**

**Hazards to Humans and Domestic Animals**  
Harmful if swallowed or inhaled. Avoid breathing vapors or spray mist. 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.

**Environmental Hazards**

Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters.

**FIRST AID**  
**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.  
**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.  
**If swallowed:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.  
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Hot Line Number: 1-800-255-3924.

Thuricide HPC for Home and Gardens is an easy to mix liquid concentrate. Properties include:

- Kills worms and caterpillar stage insects, but has no effect on birds, earthworms, or beneficial insects, such as honeybees and ladybugs, when used as directed.
- Worms and caterpillars eat treated foliage, then immediately stop feeding and damaging plants.
- Acceptable for use on edible plants up to the day of harvest.

### DIRECTIONS FOR USE

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

Do not apply this product through any type of irrigation system.

Apply Thuricide HPC when worms or caterpillars are first noticed, then repeat at five (5) to seven (7) day intervals while they are active. Apply more frequently to control heavy infestations. Apply thoroughly to top and bottom of foliage. Reapply after heavy rains.

Thuricide HPC must be eaten by worms or caterpillars to be effective. After ingesting the insecticide, they immediately stop feeding, though they may otherwise appear to be unaffected for several days. Best results are obtained by treatments when worms are small; they must be actively feeding on treated, exposed foliage. You may apply Thuricide HPC up to and on the day of harvest.

**How to Apply:** Always shake or stir Thuricide HPC thoroughly before use. Partially fill sprayer with water before adding the application rate amount of product, then mix in product thoroughly and add remaining amount of water.

Spray leaf surfaces thoroughly, top and bottom, for complete control. Agitate regularly while spraying. Use all of spray mixture within 24 hours.

**Fruits and Vegetables:** Mix 1.5 fluid ounces per 3 gallons water (1 tablespoon per gallon) for a hand sprayer and apply to all plant foliage to cover an area of 1000 square feet. Apply at first sign of infestation and repeat at weekly intervals when needed to maintain control of the following insects:

**Cabbage Looper** on broccoli, cauliflower, collards, kale, mustard greens, turnip greens, cabbage, celery, lettuce, melons, and tomatoes.

**Imported Cabbage Worm** on broccoli, cabbage, cauliflower, collards, kale, mustard greens, and turnip greens

**Tomato Hornworm** on tomatoes.

**Shade Trees & Ornamentals:** Mix 2 fluid ounces per 3 gallons of water (4 teaspoons per gallon) for a hand sprayer or proportional amounts for a hose-end sprayer following manufacturer's directions. Apply at first sign of infestation and repeat at weekly intervals when needed to maintain control. Apply to thoroughly cover all foliage surfaces of shade trees and ornamentals for control of the following leaf-feeding worms:

- Bagworm
- Fall Cankerworm
- Tent Caterpillar
- Fall Webworm
- Spring Cankerworm
- Gypsy Moth\*
- Elm Spanworm

\*Apply when buds swell, but before leaves are fully open. If eggs hatch over a long period of time or if reinfestation occurs, spray about 14 days after first application.

**STORAGE AND DISPOSAL**

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

**Storage:** Store in a cool place. Activity may be impaired by storage at temperatures above 90°F. Do not contaminate water, food or feed by storage or disposal.

**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 or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**WARRANTY**

Certis USA, L.L.C. warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the insect problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OF MERCHANTABILITY IS MADE.