



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 16, 2016

Karen Warkentien
Director, Regulatory Affairs
Certis USA, LLC (Certis)
9145 Guilford Road, Suite 175
Columbia, MD 21046

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling and Formulation
Amendment – To add optional statements or graphics and make revisions requested by
the EPA to the labeling and to make revisions requested by the EPA to the basic
Confidential Statement of Formula (CSF)
Product Name: Thuricide HPC for Home and Gardens
EPA Registration Number: 70051-65
Application Dates: May 26, 2016 and December 5, 2016
OPP Decision Numbers: 517899 and 524323

Dear Ms. Warkentien:

In an application dated May 26, 2016 (OPP Decision No. 517899), you notified the U.S. Environmental Protection Agency (EPA) that you added optional statements or graphics to the labeling for Thuricide HPC for Home and Gardens. Subsequently, the EPA determined that some of the actions requested (e.g., addition of statements that could be mandatory when placed on labeling) did not fall under the scope of Pesticide Registration Notice 98-10 and therefore converted the notification to a non-PRIA amendment (OPP Decision No. 524323).

The amended labeling and Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

Please note that the record for this product currently contains the following acceptable CSF:

- Basic CSF dated 12/05/2016

Any CSFs other than those listed above are superseded/no longer valid.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact me by phone at (703) 347-8920 or via email at kausch.jeannine@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jeannine Kausch', with a stylized flourish at the end.

Jeannine Kausch, Acting Product Manager 92
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

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:

<i>Bacillus thuringiensis</i> subspecies <i>kurstaki</i> strain SA-12 solids, spores and Lepidopteran active toxins (At least 6 million viable spores per mg AI)*	15.0%
OTHER INGREDIENTS:	85.0%
TOTAL:	100.00%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

Net Contents: ___ fl. oz.

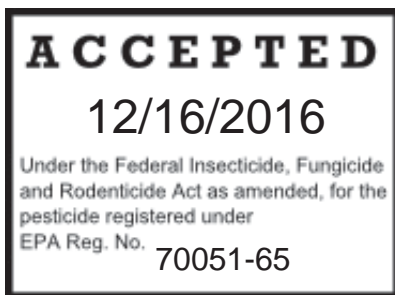
EPA Reg. No. 70051-65

EPA Est. No. 70051-CA-001

Lot Number:

Manufactured by

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



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

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Environmental Hazards

{For packages up to 5 gal.}

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This product must not be applied within 300 feet of any habitats of threatened or endangered *Lepidoptera* (i.e., moths or butterflies).

{For packages greater than 5 gal.}

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.

This product must not be applied within 300 feet of any habitats of threatened or endangered *Lepidoptera* (i.e., moths or butterflies).

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.

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 [Chemtel].

Product Information

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.

For home garden use only.

Apply Thuricide HPC for Home and Gardens 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 for Home and Gardens 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. Treat when worms are small; they must be actively feeding on treated, exposed foliage. You may apply Thuricide HPC for Home and Gardens up to and on the day of harvest.

How to Apply: Always shake or stir Thuricide HPC for Home and Gardens 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 as specified above 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 as specified above 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

Pesticide Storage: Store in a cool place. Activity may be impaired by storage at temperatures above 90°F.

{For containers equal to or less than 5 gallons}

Pesticide Disposal and Container Handling: Nonrefillable container. Do not reuse or refill this container.

If empty: 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.

{For containers greater than 5 gallons}

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. 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 back and forth several times. Turn the container over onto 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.

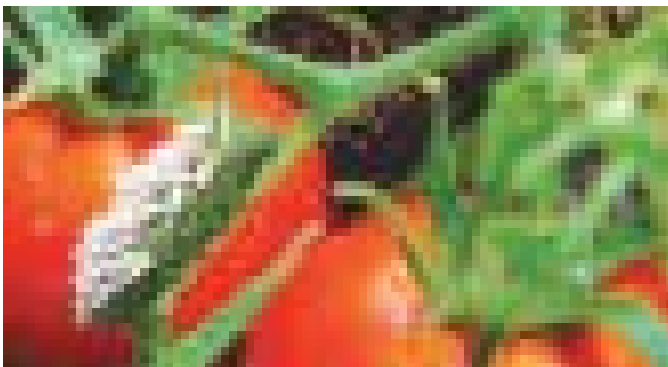
Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.


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. To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. To the extent consistent with applicable law, NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OF MERCHANTABILITY IS MADE.

Optional Text {may or may not appear based on needs of supplemental distributor}:

- Optional Graphics



- Front Panel Bursts
 - Controls: Gypsy Moth, Tent Caterpillar, Cabbage Looper, Imported Cabbage Worm And Tomato Hornworm
 - Mix 4 Teaspoons Per Gallon Of Water For Shade Trees And Ornamentals
- Referral Statements
 - See [side][back][right][left][other] panel for [additional] [[precautionary] [and] [first aid] statements] [[use] directions [for use]]
 - See [attached] [booklet] [book] for [additional] [[precautionary] [and] [first aid] statements] [[use] directions [for use]]
 - Peel [back] [book] [here] [▶] [→] {may be accompanied by an arrow or other indicator}
- Hotline Number Text {may be used in place of the current “Hot Line Number 1-800-255-3924”}
 - In the event of a medical or chemical emergency,
 contact North America 1-800-255-3924 or Worldwide Intl. +01-813-248-0585.
- PRN 97-4 Access Numbers/Website References
 - Visit us at: [company website address]
 - [Product] Questions[?] [company phone number]
 - Comments[?]: [company phone number and/or website address]
- Other Miscellaneous Items
 - Barcodes/SKUs
 - Label revision numbers
 - Allow the insertion of “this product” in place of the product name everywhere it appears in the directions for use.
 - Allow the use of equivalent units of measures (e.g., “1½ “ in place of “1.5”) and appropriate equivalent abbreviations (e.g., “1 Tbsp per gal” or “1 T/gal” or similar in place of “1 tablespoon per gallon”) throughout the directions for use.