



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 25, 2016

Alexander Pierce
Regulatory Affairs Associate
Certis USA LLC
9145 Guilford Road, Suite 175
Columbia, MD 21046

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – To Update
the Active Ingredient Statement, Precautionary Statements, Directions for Use,
Container Handling Statements, Marketing Claims and Graphics
Product Name: Thuricide HPC-O For Home and Gardens
EPA Registration Number: 70051-106
Application Date: 05/05/2016
OPP Decision Number: 517957

Dear Mr. Pierce:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is 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.

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 U.S. Environmental Protection Agency (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 Ann Sibold of my team by phone at (703) 305-6502 or via email at sibold.ann@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jeannine Kausch', with a stylized, flowing script.

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

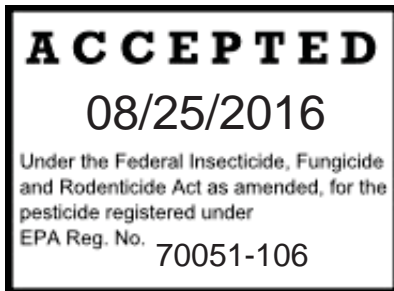
Enclosure

Thuricide HPC-O

FOR HOME & GARDENS

Biological Insecticide

Controls worms and caterpillars on Fruits, Vegetables, Ornamentals and Shade trees



Easy-To-Mix Liquid Concentrate

Read and follow all label directions and precautions.

For Organic Gardening

OMRI SEAL PLACEHOLDER

ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *kustaki* strain SA-12 solids, spores and Lepidopteran active toxins (At least 6 million viable spores per mg of Active Ingredient)*..... 98.35%

OTHER INGREDIENTS:..... 1.65%

TOTAL:.....100.00%

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

Net Contents:4 (or 8, or 16, 32, 64) fl. oz.

EPA Reg. No. 70051-106

EPA Est. No. 70051-CA-001

Lot No.

Manufactured By:

Certis U.S.A. L.L.C.

9145 Guilford Rd. Suite 175

Columbia, MD 21046

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid breathing vapors or spray mist.

Environmental Hazards

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.

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 the eye. Call a poison control center or doctor for treatment advice.

If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. 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.

PRODUCT INFORMATION

Thuricide HPC-O 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.

Not for use on agricultural establishments covered by the WPS (40 CFR Part 170).

Apply Thuricide HPC-O 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-O 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. Make applications when worms are small. They must be actively feeding treated, exposed foliage. You may apply Thuricide HPC-O for Home and Gardens up to and on the day of harvest.

How to Apply: Always shake or stir Thuricide HPC-O for home and Gardens thoroughly before use. Partially fill sprayer with water before adding the application rate amount of 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 of water (1 teaspoon 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 and 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

Spring cankerworm

Fall Cankerworm

Gypsy moth*

Tent caterpillar

Elm spanworm

Fall webworm

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

STORAGE AND DISPOSAL

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

Pesticide Disposal and Container Handling:

Nonrefillable container. Do not reuse or refill this container.

Never place unused product down any indoor or outdoor drain.

For containers less than or equal to 5 gallons:

If empty:

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.

Warranty

Certis U.S.A. 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. NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OF MERCHANTABILITY IS MADE.

(The following text may or may not appear in whole or in part on the final label)

Kills [Bagworms][Fall Cankerworms][Tent Caterpillar][Fall Webworm][Spring Cankerworm][Gypsy Moth][Elm Spanworm][Cabbage Looper][Imported Cabbage Worm][Tomato Hornworm]

Graphics or pictures of the above listed pests may or may not accompany the above text.)