

12/01/2011
DEC 01 2011

Christine A. Dively
Director of Regulatory Affairs
Certis USA
9145 Guilford Road
Suite 175
Columbia, MD 21046

Dear Ms. Dively:

Subject: Thuricide HPC-O for Home and Gardens
EPA Reg. No. 70051-106
Application for an amendment dated November 8, 2011

On November 8, 2011, you submitted an application to amend the label of the subject product. Label revisions were made to:

- 1) Add the Organic Materials Review Institute (OMRI) seal to the label.

The labeling amendment referred to above under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable. A stamped copy of the draft label for the subject product is enclosed for your records.

Please submit two copies of your final printed label to the Agency prior to release of the product for shipment. If you have any questions, please contact Alan Reynolds of my staff at (703) 605-0515 (e-mail: reynolds.alan@epa.gov).

Sincerely,

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

Enclosure

CONCURRENCES

SYMBOL	7511P	7511P						
SURNAME	Reynolds	Reilly						
DATE	12/1/11	12/1/11						

Thuricide HPC-O

FOR HOME & GARDENS

BIOLOGICAL INSECTICIDE

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

Easy-To-Mix Liquid Concentrate



For Organic Gardening



ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *kurstaki* strain SA-12 solids, spores and
Lepidopteran active toxins (At least 6 million viable spores per mg)..... 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.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

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.

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 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.

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.

ACCEPTED

DEC 01 2011

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 70051-106

Net Contents: 4 (or 8, or 16) Fl. Oz.

EPA Reg. No. 70051-106
EPA Est. No. 70051-CA-001
Lot Number:

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

CERTIS

DIRECTIONS FOR USE

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

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. Best results are obtained by treatments 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, 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	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 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.

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 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.