



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

1 of 4  
Admitt

APR - 1 1994

JAMES J. WURZ  
BONIDE PRODUCTS INC.  
2 WURZ AVENUE  
YORKVILLE, N.Y. 13495

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 1/27/94 in Response to PR Notice 93-7  
EPA Reg. No. 4-319  
BONIDE HOME PEST CONTROL CONCENTRATE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

James Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

10/4

**DIRECTIONS FOR USE**  
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**Storage:** Keep pesticide in original container. Avoid contamination of feed and livestock. Store in a cool, dry place, preferably in a locked storage area. Avoid temperature extremes. If crystallization occurs during storage, shake until crystals disappear. **Product Disposal:** Securely wrap original container in several layers of newspaper and discard in trash. **Container Disposal:** Do not reuse container. Discard empty container in trash.

SEE ATTACHED HANG TAG FOR USE INSTRUCTIONS

Buyer assumes risk for use of this product when not using according to label directions or established safe practice.

**BONIDE PRODUCTS, INC.**  
YORKVILLE, NY 13495

Manufactured by

B3



**BONIDE®**



**HOME PEST CONTROL CONCENTRATE**

**AREA CONTROL OF COCKROACHES, ANTS, SPIDERS, SILVERFISH, FLEAS, TICKS, AND OTHER LISTED INSECTS. ALSO FOR USE ON TURF AND ORNAMENTAL PLANTS.**

To Be Applied Only By or Under the Supervision of Commercial Applicators Responsible for Insect Control Programs.

ACTIVE INGREDIENTS:	EPA Est. No. 4-NY-1	EPA Reg. No. 4-319
Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) Phosphorothioate).....		12.8%
INERT INGREDIENTS:.....		87.4%

**WARNING KEEP OUT OF REACH OF CHILDREN**  
See side panel for additional precautionary statements.

NET CONTENTS : 1 PINT (16 FL. Oz.) *cd*

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

APR 21 1996

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 4-319

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS**

**WARNING** -- Causes eye irritation. Harmful if swallowed. Do not take internally. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid breathing vapors and spray mist. Avoid spraying food crops. Keep away from food, feedstuffs, and domestic water supplies. Keep container closed. Handle concentrate in a ventilated area. Do not apply directly to food or feedstuffs. In commercial food handling facilities, cover

**BEST COPY AVAILABLE**



## HOME PEST CONTROL CONCENTRATE

**AREA CONTROL OF  
COCKROACHES, ANTS, SPIDERS,  
SILVERFISH, FLEAS, TICKS, AND  
OTHER LISTED INSECTS.  
ALSO FOR USE ON TURF AND  
ORNAMENTAL PLANTS.**

**May Be Used Indoors and Outdoors.  
To Be Applied Only By or Under the  
Supervision of Commercial  
Applicators Responsible for Insect  
Control Programs.**

### PRECAUTIONARY STATEMENTS — HAZARDS TO HUMANS WARNING

Causes eye irritation. Harmful if swallowed. Do not take internally. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid breathing vapors and spray mist. Avoid spraying food crops. Keep away from food, feedstuffs, and domestic water supplies. Keep container closed. Handle concentrate in a ventilated area.

Do not apply directly to food or feedstuffs. In commercial food handling facilities, cover or remove any food or food processing equipment during application. Do not apply while food processing is underway. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use.

### STATEMENT OF PRACTICAL TREATMENT

If swallowed: Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician immediately. If on skin: In case of contact, remove contaminated clothing and immediately wash skin with plenty of soap and water. If in eyes: Flush eyes with plenty of water for at least 15 minutes. Call a physician.

**Note to Physician:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

### PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Do not cut or weld containers.

### ENVIRONMENTAL HAZARDS

This product is toxic to birds, fish, and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to

## HANG TAG

**Buyer assumes risk for use of  
this product when not used  
according to label directions or  
established safe practice.**

**Manufactured by**

**BONIDE PRODUCTS, INC.  
YORKVILLE, NY 13495**

B3

reduce exposure to wildlife. Do not apply directly to water. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

### DIRECTIONS FOR USE

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

**Storage:** Keep pesticide in original container. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Avoid temperature extremes. If crystallization occurs during storage, shake until crystals disappear.

**Product Disposal:** Securely wrap original container in several layers of newspaper and discard in trash.

**Container Disposal:** Do not reuse container. Discard empty container in trash.

This product is an economical, easy to mix insecticide for use in and around residential buildings and commercial buildings such as stores, warehouses, and hospitals to control the specified pests. Dilute with water in well ventilated area as described in the following chart.

Amt. of Water	Amt. of Product for Heavy Infestations	Amt. of Product for Light Infestations/Prevention
1 pt	4 teaspoons	2 teaspoons
1 qt	2 1/2 tablespoons	4 teaspoons
1 gal	5 fl oz	5 tablespoons

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

30F11

EPA Est. No. 4-NY-1

EPA Reg. No. 4-319

### ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl)]

Phosphorothioate) ..... 12.6%

INERT INGREDIENTS: ..... 87.4%

## WARNING

**KEEP OUT OF REACH OF CHILDREN**

See Following Information for Additional  
Precautionary Statements.

### INDOORS

A mild mercaptan odor will be present after treatment, but should dissipate within 48 hrs. If treated areas are kept well ventilated. Before using on fabrics, spot test surfaces for color fastness. Do not allow spray to contact food, feedstuffs and water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated. Remove pets and cover fish tanks before spraying and until spray dries. Set sprayer to deliver a coarse spray and wet the surfaces to be treated as specified below.

**For control of cockroaches (including strains resistant to other insecticides), ants, clover mites, crickets, silverfish (fleas), spiders:** Treat only areas where insects normally are found or hide such as dark corners of rooms; closets, cracks and crevices in walls; along and behind baseboards, beneath and behind sinks, stoves, refrigerators, and cabinets, around plumbing and other utility installations. Apply to air trails. Also apply around doors, windows and other entrance points. For clover mites use the heavy infestation dilution. Note: 4 - 7 days is normally required for maximum effect on cockroaches.

**For control of carpet beetles** use the heavy infestation dilution. Thoroughly apply as a fine spray along baseboards and edges of carpeting, under carpeting, rugs and upholstery, in closets and on shelving and places where seen or suspected until moist, not wet.

**For control of fleas and brown dog ticks** use the heavy infestation dilution. Thoroughly apply as a fine spray for spot treatment to infested areas such as pet beds and resting quarters, nearby cracks and crevices; along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment of the area. **DO NOT TREAT PETS WITH THIS PRODUCT.** To control the source of

# BEST COPY AVAILABLE

BONIDE HOME PEST CONTROL CONCENTRATE, EPA Reg. No. 4-319

flea infestation, pets inhabiting the treated premises should be treated with a product registered for application to animals. Allow sprayed surfaces to dry before returning pets to quarters. Do not apply water-base sprays to any electrical equipment because of possible shock hazard. Do not allow people or pets in treated areas until spray has dried.

OUTDOORS

For all uses below, use the heavy infestation dilution for longer lasting control. Keep people and pets out of treated areas until spray has dried.

For control of ants, clover mites, cockroaches, crickets, earwigs, fleas, flies, millipedes, mosquitoes, pillbugs, spiders and ticks: Use a coarse spray or paint brush and apply to outside surfaces of buildings such as window frames, eaves, porches, patios, garages, refuse dumps, and other areas where pests have been seen. Avoid contact with desirable vegetation. Repeat treatment as needed to maintain effectiveness allowing at least 7 days between treatments.

NOTE To help prevent infestation of buildings by ants, crickets, earwigs, millipedes, and sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to the buildings, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 2 pints of this product per 100 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1000 sq. ft. to thoroughly and uniformly wet the band area.

Pests of Lawns and Other Ornamental and Recreational Turf Grass Areas: Use to control pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute in enough water to obtain complete and uniform coverage of pest infested areas and apply as a coarse, low pressure spray using suitable application equipment. Thoroughly water immediately after treatment to wash the insecticide into the turf, except as noted. For best results, the lawn should be moist at time of treatment.

Pests of Ornamentals: Use to treat flowers, shrubs, vines, shade and flowering trees, and evergreens found to be infested with the pests listed in the following table. Dilute with water according to directions given in the table and apply using suitable hand or power spray equipment in a manner to provide complete and uniform coverage. For best results apply a wetting spray to both upper and lower leaf surfaces and infested limb and trunk areas. Attempt to penetrate dense foliage but avoid overspraying to the point of excessive runoff. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. NOTE - Do not use on azaleas, camellias, poinsettias, rose bushes, or variegated ivy because of possible injury to these plants.

Dogwood Borer: Apply to the trunks and lower limbs of dogwood trees when the adults begin to emerge. Consult your State Agricultural Experimental Station or Extension Service specialist for proper time to treat in your area. Mix at the rate of one gallon of this product in 100 gallons of water and apply uniformly on trees as a coarse, low pressure spray.

Peach Tree Borer: Apply to flowering trees and shrubs of the Genus Prunus in water as a trunk spray before newly hatched larvae enter the trees. Apply as a coarse, low pressure spray. Thoroughly wet all bark areas from ground level to scaffold limbs. Consult your State Agricultural Experimental Station or Extension Service specialist for proper time to treat in your area.

NOTE Mosquitoes coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions.

ATTENTION: Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fishpools and other bodies of water.

Native Elm Bark Beetle: (Prevention of Overwintering) To prevent the adult beetle from overwintering in uninfested trees and to reduce beetle populations in disease-free areas, apply as a 0.5% mixture of chlorpyrifos in water to the bottom 9 feet of the trunk. Wet the trunk thoroughly but do not spray to runoff. Care should be taken to apply the spray right to the base of the root flare. Applications can be made with either a backpack mist blower or a hydraulic pressure sprayer from spring through to the early fall. (Prevention of Branch and Twig Feeding on High Value Elm Trees) To reduce the twig and branch feeding on uninfested trees deemed to be high in value apply 0.5% chlorpyrifos water spray to the tree crown. Application should be made in the spring or early summer using a sprayer that will give thorough coverage to the tree crown.

DOSAGES AND DIRECTIONS FOR USE ON TURF

Table with 3 columns: Pest, Dosage per 1000 sq. ft., and Remarks. Rows include: Ants, Armyworms, Brown dog tick, Chiggers, Church bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Sod Webworms, Ticks; Turfgrass (Hyperinfus) weevil; White grubs (European chafer and Japanese Beetle larvae only); Bluegrass billbug.

1 1/2 fl oz per 1000 sq ft = 7 1/2 fl oz per 5000 sq ft = 1 pint per 10,700 sq ft = 2 quarts per acre

To improve performance thoroughly watering the turf immediately after application will wash the insecticide into the zone of insect infestation.

ATTENTION Do not allow public use of treated areas during application or until spray has dried.

Area Control of Fleas, Ticks and Chiggers: Use to control fleas, ticks and chiggers infesting noncropland areas such as roadsides, footpaths and trails, picnic and camping sites, parks and other recreational areas where these pests are present and create a nuisance or possible public health problem. Apply in water at the rate of 2 pints per acre (equivalent to 1 fl oz per 2,700 sq ft) using a hydraulic sprayer, mist applicator, knapsack sprayer, or other suitable hand or power spray equipment. Treat low underbrush, grassy areas, weeds, and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gallons per acre.

Imported Fire Ant: Treatment of potted, containerized and balled and burlapped nursery stock. Use to control imported fire ants in soil attached to roots of these plants by completely submerging the ball of soil in a tank containing this product diluted at the rate of 16 fl oz per 100 gallons of water. Do not remove burlap wrap or plastic containers with drain holes prior to submerging. Keep soil submerged until complete saturation has occurred, normally about 30 seconds. Wear rubber gloves, boots and apron during this operation.

Treatment of fire ant mounds. Apply as a drench diluted at the rate of 2 fl oz (60 ml) per 2 gallons of water. Gently sprinkle a total of 1 gallon of the diluted solution over the surface of each mound using a sprinkler can. Thoroughly wet mound and surrounding area to a 4 ft diameter (12 sq ft). For best results apply in cool weather, 65 - 80 F, or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

Table with 4 columns: Pest Controlled, Amount of This Product in Water to Make (3 gallons, 10 gallons), and specific dosages for various pests like Aphids, Bagworms, Eastern tent caterpillar, Fall webworm, Grasshoppers, etc.

Note: 2 tablespoons = 1 fl oz

BEST COPY AVAILABLE