

4-408

7/5/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUL 5 2012

Nicole Russell
Bonide Products Inc
6301 Sutliff Rd
Oriskany NY 13424

Subject Notification to Add Stink Bugs to Pests
Bonide Eight Insect Control Concentrate
EPA Reg No 4 408

Dear Ms Russell

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98 10 dated May 9 2012 for the product **Bonide Eight Insect Control Concentrate (EPA Reg No 4-408)** The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98 10 and finds that the action(s) requested fall within the scope of PRN 98 10

If you have any questions please call me directly at 703 305 0120

Sincerely

A handwritten signature in black ink, appearing to read "Mark Suarez".

Mark Suarez
Product Manager Team 13
Registration Division (7505P)
Office of Pesticide Programs

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United States
Environmental Protection Agency
 Washington DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1 Company/Product Number 4 408	2 EPA Product Manager LaRocca	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) Bonide Eight Insect Control Concentrate	PM# 13	
5 Name and Address of Applicant (Include ZIP Code) Bonide Products Inc 6301 Sutliff Road Oriskany NY 13424 Attn Nicole Russell <input type="checkbox"/> Check if this is a new address	6 Expedited Review In accordance with FIFRA Section 3(c)(3) (b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION JUL 05 2012
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> Me Too Application	
<input checked="" type="checkbox"/> Notification Explain below	<input type="checkbox"/> Other Explain below	

Explanation Use additional page(s) if necessary (For section I and Section II)

NOTIFICATION Added Stink bugs
 This notification is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the CSF of this product Bonide Products Inc understands that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA and further understands that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152.46 this product may be in violation of FIFRA and Bonide Products Inc may be subject to enforcement action and penalties under section 12 and 14 of FIFRA

Section III

1 Material This Product Will Be Packaged In			
Child Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2 Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If Yes Unit Packaging wgt	No per container
		If Yes Package wgt	No per container
3 Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4 Size(s) Retail Container 8 fl oz 1 pt 1 qt	5 Location of Label Directions <input checked="" type="checkbox"/> on label	
6 Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	<input type="checkbox"/> Other _____

Section IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)		
Name Nicole Russell	Title Pesticide Compliance Specialist	Telephone No (Include Area Code) 315 736 8201 ex 230
Certification I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law		Date Application Received (Stamped)
2 Signature 	3 Title Pesticide Compliance Specialist	
4 Typed Name Nicole Russell	5 Date 5/9/12	

Bonide Products, Inc

3/14

6301 Sutliff Rd
Oriskany NY 13424

Phone (315) 736 8231
Fax (315) 736 7582

May 9 2012

FedEx 8715 4176 1694

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
Room S4900 One Potomac Yard
2777 S Crystal Drive
Arlington VA 22202

RE Bonide Eight Insect Control Concentrate
EPA Reg No 4 408
Notification – Added Stink bugs

To Whom It May Concern

Enclosed please find a completed form 8570 1 Notification and the latest final printed label for the above mentioned registration Changes are in red text I trust you will find everything in order for approval

This notification is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152 46 and no other changes have been made to the labeling or the confidential statement of formula of this product I understand that it is a violation of 18 U S C Sec 1001 to wilfully make any false statement to EPA I further understand that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152 46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

Should you have any questions or require additional information please do not hesitate to contact me at (315) 736 8231 extension 230 or by e mail at Nicoler@bonide.com

Sincerely



Nicole Russell
Pesticide Compliance Specialist

Enclosure

4/14



NOTIFICATION

JUL 05 2012



Concentrate

[ALTERNATE BRAND NAMES Bonide Eight Insect Control Vegetable Fruit & Flower Bonide Eight Insect Control Vegetable Fruit & Flower Spray Concentrate Bonide Borer Miner Killer Concentrate Bonide Bug Beater II Yard & Garden Insect Control Concentrate Bonide Termite & Carpenter Ant Killer Bonide Carpenter Ant Control Concentrate Eight Insect Control Vegetable Fruit & Flower Concentrate Borer Miner Killer Concentrate]

- Mixes with water
- Water Based
- Will not Stain
- Contact and Residual Spray
- Kills troublesome outdoor insects which destroy Lawns Roses Flowers Trees and Shrubs Vegetables Fruit Nuts
- Contains permethrin a long lasting insecticide which provides contact and residual control for up to 4 weeks of many hard to kill sucking and chewing insects
- For Residential use only
- **KILLS OVER 100 DIFFERENT INSECTS**
- Gives residual control & repellency
- For use on dogs and puppies
- Kills fleas & ticks up to 21 days
- Use on roses flowers shrubs fruits vegetables lawns and other outdoor areas
- **FOR USE ON LISTED** Vegetables fruits flowers Houseplants Roses Nuts Lawns Trees Shrubs outside surfaces of buildings and surrounding areas
- **CONTROLS** Kills over 100 different named insects
- Mix and Apply using hose end tank sprayer or water can at rates indicated

Protects your lawns, trees & shrubs, roses & flowers, fruits & nuts, vegetables from Alfalfa loopers Ants Aphids Armyworms Asian Ladybeetle [Asian ladybugs] Bagworms Beetles Borers Brown dog ticks Budworms Cabbageworms Chinch bugs Cicadas (Locusts) Citrus black flies Cluster flies Codling moths Corn earworms Crickets Cutworms Earwigs Elm spanworms Fall cankerworms Fire Ants Fleas Green fruitworms Gnats Grasshoppers Houseflies Inchworms Japanese beetles leafhoppers Leafminers Leafrollers Locust Lone Star ticks Lygus bugs Mealybugs Millipedes Mole crickets Mosquitoes Moths Navel orangeworms Scales Sod webworms Sowbugs (pillbugs) Spider mites Spring cankerworms Stink bugs Tent caterpillars Thrips Tobacco budworms Weevils Whiteflies and many others

ACTIVE INGREDIENTS

Permethrin (CAS No 52645 53 1) 2.5%

OTHER INGREDIENTS

91.5%
100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

(See Side Panel for Additional Precautionary Statements and First Aid)

Net Contents 8 FL OZ /1 PT /1 QT

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READ THE ENTIRE LABEL FIRST OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY

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 plants being grown for sale or for other commercial use or for commercial seed production or for research purposes

Do not water the treated area to the point of run off Do not make applications during rain All outdoor applications must be limited to spot or crack and crevice treatments only except for the following permitted uses

- (1) Treatment to soil or vegetation around structures
- (2) Applications to lawns turf and other vegetation
- (3) Applications to building foundations up to a maximum height of 3 feet

Other than applications to building foundations all outdoor applications to impervious surfaces such as sidewalks driveways patios porches and structural surfaces (such as windows doors and eaves) are limited to spot and crack and crevice applications only

Application is prohibited directly into sewers or drains or to any area like a gutter where drainage to sewers storm drains water bodies or aquatic habitat can occur Do not allow the product to enter any drain during or after application

Step #1 For lawns and vegetables measure the area to be sprayed Calculate square feet by multiplying length by width For all other applications apply as a thorough cover spray

Step #2 Use a clean sprayer Carefully measure and mix the amount of concentrate and water as directed

Step #3 Spray as directed Thorough coverage is important Flush sprayer with clean water after each use Make applications when insects first appear Repeat applications as directed See directions for complete insect list

People and pets should not be allowed in treated areas until spray had dried

Use dilution rates as indicated
 1 fl oz = 6 tsp or 2 Tbsp
 8 fl oz = 1/2 pt or 1 cup

DIRECTIONS FOR APPLYING

HOME LAWNS

	Pests	How to Use
Bent Bermuda Bluegrass Dichondra Fescue Irish Moss Merion St Augustine	Ants Armyworms Brown dog ticks Chinch bugs Crickets Cutworms Fleas Grasshoppers Japanese beetle grubs Mole crickets Sod webworms Ticks that may carry Lyme Disease Leafhoppers	Thoroughly wet down grass a few hours before applying Home lawns should be no taller than 3 inches at time of application Slightly more water may be used as long as the amount of product per area is as listed below For heavy infestations repeat application after 2 weeks Do not exceed 16 applications per season For ants crickets and grasshoppers use 2 fl oz in 3 gallons of water to cover 1 000 sq ft For other listed insects use 6 fl oz in 10 gals of water to cover 1 000 sq ft

HOUSEPLANTS

**INDOORS TO PROTECT PLANTS IN RESIDENTIAL GREENHOUSES AND LATHHOUSES,
AND FOR INDOOR LANDSCAPING**

	Pests	How to Use
Ageratum Ardisia Aster Baby s Breath Begonia Birdsnest Fern Bleeding Heart Carnation Chrysanthemum Coleus Crown of Thorns Cockscomb Cyclamen Dracaena Dumbcane English Ivy Fuchsia Gladiolus Grape Ivy Juniper Lily Marigold Orchid Palm Pansy Peperomia Petunia Philodendron Piggy Back Plant Poinsettia Portulaca Pothos Prayer Plant Purple Passion Rabbits Foot Fern Rose Schefflera Snapdragon Snake Plant Statice Velvet Plant Verbena Zinnia	Aphids Armyworms Corn earworms Exposed thrips Fall cankerworms Inchworms Japanese beetles Leafminers Leafrollers Mealybugs Scales Spider mites Spring cankerworms Whiteflies	Mix 1 fl oz in 1 gal of water Contact and residual Use sufficient spray to obtain full coverage of all foliage If application is to be made indoors remove infested plants from living areas prior to application Use in an area not likely to be occupied by people or pets (particularly fish) After spraying plants can be returned to original location Do not use more product than recommended as this may cause some plant injury Use with care on ferns palms and fuchsia As with all plants listed above especially carnations chrysanthemums and roses there exists a wide variety of species and cultivars and therefore a wide variety of susceptibility to injury To ascertain possible phytotoxicity treat a few plants as described above wait 24 hours and check for possible injury Repla applications may be necessary to control citrus blackflies on non bearing citrus and Adult Japanese beetles on roses Do not exceed 16 applications per season
Velvet Plants	Fungus Gnats	

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FIRE ANT CONTROL

Individual Mound and Plant Container Treatment

Mix 2 fl oz in 3 gals water and apply as a drench using a sprinkler can Gently apply 1 gallon of the mixture over the surface of each mound Thoroughly wet mound and surrounding area of 3 x 4 ft (12 sq ft) For best results apply in cool weather 65°F 80°F early or late in the day Treat new mounds as they appear Pressurized sprays may disturb ants and cause migration which will reduce product effectiveness **Use the same method as above for the control of Fire Ants that may nest in permanently placed containerized ornamentals plants**

TREES & SHRUBS

	Pests	How to Use
Arizona Cypress Azalea Birch Cherry Non bearing Citrus Conifers Elm English Ivy Euonymous Weeping fig Fir Honeysuckle Lilac Mock Orange Oak Palm Philodendron Pine Poinsettia Tulip Poplar Rhododendron Taxus	Aphids Bagworms Cicadas (Locusts) Exposed thrips Fall cankerworms Inchworms Leafminers Leafrollers Locusts Mealybugs Spider mites Stink bugs Whiteflies Gypsy Moth Tent Caterpillar Japanese Beetles	Use 1 fl oz in 1 gal of water Apply as a thorough spray wetting leaves and branches to the dripping point Try to penetrate dense foliage Spray in the late afternoon or evening when the temperature ranges from 50° to 75°F and when there is little or no wind Spray at the first sign of insects Repeat as necessary use intervals of 4 8 days Do not exceed 16 applications per season Application can be made up to the day of collection
Cherry Honeysuckle	Fall webworms	
Conifer	Budworms	
Elm	Elm leaf beetles Elm spanworms Fall webworms	
Douglas and Grand Firs	Tussock moths	
Non bearing Citrus	Citrus black flies	
Oak	Oakworms	
Pine	Pine beetles Pine moths Pine needleminers Needle scales	

On Tent caterpillars Application should be made when caterpillars are young and tents are first noticed For best results apply in the late afternoon or evening when caterpillars have returned to their tents Wet tents with spray on all sides A few caterpillars may be seen escaping from the tent however they should die within several hours

ROSES & FLOWERS

	Pests	How to Use
Ageratum Aster Ardisia Azalea Baby s breath Begonia Birds nest fern Bleeding heart Carnation Chrysanthemum Coleus Common Ninebark and Snowberry Crown of thorns cockscomb Cyclamen Dracaena Dumbcane English Ivy Exacum Fuchsia Gladiolus Grape Ivy Gladiolus Gold Bells Hypoestes Ivy Juniper Lilac Marigold Mock Orange Nannyberry Orchid Palm Pansy Pea Shrub Peperomia Petunia Philodendron Piggy back Plant Poinsettia Portulaca Pothos Prayer Plant Purple Passion Rabbits foot fern Rhododendron Rose Schefflera Snapdragon Snake Plant Statice Velvet Plant Verbena Zinnia	Aphids Armyworms Bagworms Cabbage worms Cicadas (Locusts) Corn earworms Cutworms Exposed thrips Fall cankerworms Fall webworms Fungus gnat Inchworms Japanese beetles Leafminers Leafrollers Locusts Mealybugs Scale crawlers Spring cankerworms Spider mites Whiteflies Japanese Beetles Rose Chafer Psyllids Scale Insects	Use 1 fl oz in 1 gal of water Apply as a thorough spray wetting the plants to the dripping point Try to hit underside of leaves and penetrate dense foliage Spray in the late afternoon or evening when the temperature ranges from 50 F to 75 F and when there is little or no wind Spray at the first sign of insects Repeat as necessary use intervals of 4 8 days Do not exceed 16 applications per season Application can be made up to the day of collection

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FRUIT & NUT TREES

GENERAL DIRECTIONS

Use 2 fl oz in 1 gal of water Apply when insects appear Wet the plants to the dripping point Try to hit underside of leaves and penetrate dense foliage

	Pests	How to Use
Almonds Pecans	Navel orangeworms Peach twig borers	Do not make more than 2 applications during hull split and 5 applications per season Can be applied up to 7 days prior to harvest
Apples	Green fruitworms Aphids Leafrollers(Oblique banded Redbanded) Plum curculio Rosy apple aphids Spotted tentiform leafminers Tarnished plant bugs White apple leafhoppers Japanese Beetles	Repeat as required to maintain control Do not make more than 3 applications Do not apply after petal fall
Peaches	Borers (Lesser peachtree Peach twig) Green fruitworms Plum curculio Oriental fruit moths Tarnished plant bugs	Do not apply within 7 days of harvest Do not make more than 8 applications per season
Pears (dormant through delayed dormant)	Pear psylla	Apply during the dormant through delayed dormant growth period only Do not make more than 2 applications per season
Pears (summer)	Codling Moths Green fruitworms Pear psylla Aphids	Do not make more than 3 applications per season Can be applied up to 14 days prior to harvest

VEGETABLES

For all of the following vegetables apply 1 gallon of finished mix to 1 000 sq ft

	Pests	HOW TO USE
Asparagus (pre harvest)	Asparagus beetles Cutworms	Use 1½ fl oz in 1 gal Apply for uniform coverage as needed Do not make more than 4 applications per crop Can be applied up to 3 days prior to harvest
(post harvest)	Larval stages of asparagus beetle tarnished plant bug lygus bugs and adult Japanese beetle	Treat ferns or bush growth after spear harvest when insect s are present
Celery – see Leafy Vegetables		

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VEGETABLES (Cont)

	Pests	HOW TO USE
Cole Crops Broccoli Brussels Sprouts Cabbage Cauliflower	Beet armyworms Cabbage aphids and loopers Diamondback moths Imported cabbageworms	Use 1 fl oz in 1 gal Apply every 5 days or as needed Can be applied up to 1 day prior to harvest Do not make more than 8 applications on Cauliflower Brussels Sprouts and Broccoli and 10 applications on Cabbage
Corn – see Sweet Corn		
Cucumber Melons Pumpkins Squash	Flea beetle Leafhopper	Use 2 fl oz in 1 gal Apply as needed but not more than 8 applications per season Can be applied up to day of harvest
<u>Cucurbits</u> Balsam pear (bitter melon) Chinese waxgourd (Chinese preserving melon) citron melon cucumber gherkin edible gourds melons including hybrids such as cantaloupe casaba crenshaw honeydew honey balls mango melon muskmelon Persian melon pumpkin summer & winter squash watermelon	Aphids Cabbage looper Cucumber Beetle (adults) Cutworms Leafhoppers Leafminers Melonworms Pickleworm Plant bugs Squash bugs	Use 2 fl oz in 1 gal Apply as needed to ensure uniform coverage Do not exceed 8 applications per season Can be applied up to the day of harvest
Eggplant	Colorado potato beetles Vegetable leafminers	Use 3 fl oz in 1 gal Apply for uniform coverage as needed Do not exceed 16 applications Can be applied up to 3 days prior to harvest
Horseradish (Foliar application)	Imported crucifer weevils	Use 3 fl oz in 1 gal Apply as needed Do not exceed 3 foliar applications Can be applied up to 22 days prior to harvest
Head Lettuce	Corn earworms Beet armyworms Loopers (Alfalfa Cabbage) Tobacco budworms	Use 2 fl oz in 1 gal Apply every 5 10 days as needed Do not make more than 10 applications per season Can be applied up to 1 day prior to harvest
<u>Leafy Vegetables</u> Amaranth Arrugula Celery Celtuce Chervil Com salad Chrysanthemum (edible leaved and garland) cress (garden and upland) Dandelion Dock Endive Fennel Lettuce (head and leaf) Okra Parsley Purslane (garden and winter) Rhubarb Spinach Swiss chard	Alfalfa looper Aphids Beet armyworm Cabbage looper Corn ear worm Cutworms European corn borer Fall armyworm Green cloverworm Southern armyworm Tobacco budworm Vegetable leaf miner	Use 2 fl oz in 1 gal Apply every 5 to 10 days as needed Do not exceed 10 applications per season Can be applied up to 1 day prior to harvest

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VEGETABLES (Cont)

	Pests	HOW TO USE
Melons – see Cucurbits		
Potatoes	Beet armyworm Colorado potato beetle Potato leafhopper Potato tuberworm Cabbage looper cutworms European corn borer Potato psyllid Tarnish plant bug	Use 1½ fl oz in 1 gal Apply as needed Do not make more than 12 applications Can be applied up to 7 days prior to harvest
Peppers	Vegetable leafminers Cabbage looper Flea beetle Corn earworm Pepper weevil European corn borer	Use 2 fl oz in 1 gal Apply as needed but not more than 8 applications per season Can be applied up to 3 days prior to harvest
Strawberries Raspberries Blueberries	Strawberry weevils Aphids Spider mites Lygus bugs Flea beetles Omnivorous leafhopper Spittlebugs Japanese beetles Field crickets Red Spider Leafroller weevils	Use 1½ fl oz in 1 gal Allow 14 days between last application and harvest Make no more than 8 foliar applications per growing season
Sweet Corn	Armyworms (Fall Southern) Corn earworms European corn borers	Use 1½ fl oz in 1 gal Apply every 5 days and when needed but not more than 6 applications per season Can be applied up to 1 day prior to harvest
Tomatoes	Beet and southern armyworm Tomato pinworm Tomato fruitworm Horn worms Granulate cutworms Colorado potato beetle Cabbage looper	Use 1½ fl oz in 1 gal Apply as needed for uniform coverage Do not exceed 8 applications per season Can be applied up to day of harvest

NUISANCE PESTS IN OUTDOOR AREAS

GENERAL DIRECTIONS

Use 6 2/3 fl oz in 1 quart of water treating 400 linear feet with a 6 inch spray band

OUTSIDE SURFACES OF BUILDING

Use **Bonide Eight® Concentrate** on Ants Asian Ladybeetle [Asian ladybugs] Clover mites Crickets Earwigs Locusts Millipedes Sowbugs (pillbugs) Stink bugs to help prevent infestation of buildings treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance Also apply as a spot or crack and crevice spray to outside surfaces of building including porches screens window frames eaves patios garages refuse dumps and other areas where these pests congregate or have been seen Repeat treatment as needed to maintain effectiveness Do not exceed 24 applications per year

OTHER OUTDOOR AREAS

Use **Bonide Eight® Concentrate** on Ants Crickets Earwigs Fleas Ticks (**including ticks that may carry Lyme Disease**) for treatment of localized infestations of these insects in areas where there are weeds or bushy non crop areas spray infested areas thoroughly **For ants** thoroughly wet hills and run ways Repeat application as reinfestations occur Do not exceed 24 applications per year

To reduce annoyance from **Cluster flies, Flying moths, Gnats, House flies, Mosquitoes** Spray outside surfaces of screens doors window frames or wherever these insects may enter the room Also treat surfaces around light fixtures on porches in garages around shrubbery and other places where these insects alight or congregate Repeat as necessary Do not exceed 24 applications per year

WOOD INFESTING INSECTS (including termites)

For Beetles (Furniture, Deathwatch, False Powderpost, Longhorned, Powderpost), Carpenter Ants (and other wood infesting ants), Carpenter Bees and termites (including drywood termites) Treat outside of buildings porches wooden decks and patios wooden fences window frames doorways foundations eaves garages garbage areas and other areas where you may find these pests

Treat outside surfaces of buildings porches wooden decks and patios wooden fences window frames doorways foundations eaves garages garbage areas and other areas where you may find these pests

Mix 10 fl oz with 1 gal of water to treat 100 sq ft Spray infested surfaces thoroughly to a height of 3 feet avoiding dripping and runoff Apply evenly on wood surfaces To treat small areas apply as a spot or crack and crevice treatment by brushing or spraying the diluted spray For large areas use a coarse low pressure spray Repeat treatment as needed to maintain effectiveness Do not spray into electrical outlets or utilities

Spray infested areas and areas likely to be infested such as wood surfaces voids and channels in damaged wood spaces between wooden parts of structure and between wood and foundations where infestation is likely to occur Also spray around fence posts wood piles (do not use on firewood) and tree stumps

Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin The use of eye protection protective head covering chemical resistant gloves and footwear a long sleeved shirt and long pants or coveralls are recommended Do not permit contact with treated surfaces until spray has dried Treated confined areas such as detached garages under porches and decks should be ventilated during and immediately following application before the areas are re occupied

For carpenter ants, spray around doors and windows and other places where ants may enter or crawl and hide Also treat cracks and crevices or openings into wall voids or other areas where these ants may be present

For carpenter bees, spray or inject into holes and tunnels already made by the bees with a tank sprayer and spray areas where they are beginning to build tunnels into the wood

For termites* (including drywood termites), treat as for other wood infesting insects This product will kill workers and winged reproductive forms of termites in the treated areas Re treat as needed to maintain effectiveness Do not exceed 24 applications per year

***USE OF THIS TYPE OF PRODUCT TO CONTROL TERMITES SHOULD NOT BE CONSIDERED A SUBSTITUTE FOR SOIL TREATMENT OF SUBTERRANEAN TERMITES DONE BY A PROFESSIONAL PEST CONTROL OPERATOR**

**[OPTIONAL CLAIMS/DIRECTIONS FOR USE TO REFILL
BONIDE EIGHT INSECT GARDEN & HOME READY TO USE (EPA Reg No 4 406)
REFILLABLE PUMP SPRAYER(S)]**

NUISANCE PESTS INDOORS

Kills Ants, Asian Ladybeetle, Bedbugs, Brown Dog Ticks, Cadelles, Carpenter Ants, Carpet Beetles, Centipedes, Cheese Mites, Clothes Moths, Clover Mites, Cockroaches, Confused Flour Beetles, Crickets, Drugstore Beetles, Earwigs, Firebrats, Fleas, Flying Moths, Gnats, Grain Mites, Granary Weevils, House flies, Lice and Louse Eggs, Lone Star Ticks, Meal Worms, Millipedes, Mosquitoes, Palmetto Bugs, Pillbugs, Rust Red Flour Beetles, Rice Weevils, Scorpions, Silverfish, Sowbugs, Spiders and Waterbugs Follow all directions and precautions on the Bonide Eight Insect Garden & Home Ready to Use Pump Sprayer Bottle only **Add 1 fl oz of this concentrate to Bonide Eight Insect Garden & Home Ready to Use Pump Sprayer and dilute with 1 gallon of water** Apply cap tightly and *shake well to mix*

For spot application only Do not use as a space spray indoors Do not apply on or into electrical switch boxes wiring or outlets Do not allow children or pets on treated surfaces until spray has completely dried and area is ventilated Do not use in commercial food handling establishments restaurants or other areas where food is commercially prepared or processed or served In the home all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use Exposed food should be covered or removed

USE AS A SURFACE RESIDUAL SPRAY FOR CONTROL OF ANTS, BEDBUGS, BROWN DOG TICKS, CADELLES, CARPENTER ANTS, CARPET BEETLES, CENTIPEDES, CHEESE MITES, CLOTHES MOTHS, CLOVER MITES, COCKROACHES, CONFUSED FLOUR BEETLES, CRICKETS, DRUGSTORE BEETLES, EARWIGS, FIREBRATS, FLEAS, FLYING MOTHS, GNATS, GRAIN MITES, GRANARY WEEVILS, HOUSE FLIES, LICE AND LOUSE EGGS, LONE STAR TICKS, MEAL WORMS, MILLIPEDES, MOSQUITOES, PALMETTO BUGS, PILLBUGS, RUST RED FLOUR BEETLES, RICE WEEVILS, SCORPIONS, SILVERFISH, SOWBUGS, SPIDERS AND WATERBUGS Direct the spray into hiding places cracks and crevices and behind shelves and drawers For Silverfish spray bookcases For Ants spray trails nests and points of entry To reduce annoyance from Mosquitoes Houseflies Gnats and Flying Moths apply every 2 weeks to the outside surfaces of screens doors window frames and outdoor light fixtures

TO CONTROL CARPET BEETLES Spray mist edges of carpeting and under carpeting and rugs Make localized application to floor and baseboards Spray directly into cracks crevices and infested areas of shelving Repeat treatment as needed Do not allow children or pets in treated areas until spray has dried

TO CONTROL BEDBUGS Spray mist mattresses lightly particularly around tufts and seams Take beds apart and spray in all joints Treat baseboards moldings and floors Repeat treatment as needed Do not use sprayed areas until completely dry

TO CONTROL FLEAS (ADULTS AND LARVAE) AND TICKS (ADULTS AND LARVAE) Thoroughly spray infested areas pet beds resting quarters nearby cracks and crevices along and behind baseboards moldings window and door frames and entire areas of floor and floor covering Fresh bedding should be placed in animal quarters following treatment Repeat treatment as needed Do not allow children or pets to access treated surfaces until completely dry

TO CONTROL CLOTHES MOTHS Remove any infested articles from storage brush thoroughly and air for several hours in sunlight if possible Apply spray liberally to empty chests closets bureaus and other storages directing the spray into cracks joints and crevices After airing infested articles may be treated lightly keeping nozzle at least three feet from fabric to avoid staining

TO KILL LICE AND LOUSE EGGS Spray in an inconspicuous area to test for possible staining or discoloration Inspect again after drying then proceed to spray entire area to be treated Spray from a distance of 8 to 10 inches Treat only those garments and parts of bedding including mattresses and furniture that cannot be either laundered or dry cleaned Allow all treated particles to dry thoroughly before use

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USE ON DOGS & PUPPIES

Read entire label before each use Use only on dogs This product must be diluted before use

Consult a veterinarian before using this product on debilitated aged pregnant or nursing animals or animals on medication Sensitivities may occur after using *ANY* pesticide product for pets If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water If signs continue consult a veterinarian immediately

TO KILL FLEAS, LICE, TICKS AND MANGE MITES Dilute 2¾ ounces (5½ tablespoons) of concentrate with 1 gallon of water Dip animal into solution or sponge on solution making sure hair is thoroughly wet to the skin The area around the ears should be sponged thoroughly Avoid contact of material with eyes and mouth of animal Dipping should not exceed 30 seconds Do not reapply product for seven days Kills fleas and ticks up to 21 days **Do not use on puppies under twelve (12) weeks of age Gives long lasting residual control and repellency for fleas and ticks on dogs**

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage and disposal

Storage Store and transport in an upright position Store in original container in a cool dry area away from heat or open flame

Disposal *If empty* – Nonrefillable container Do not reuse or refill this container 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

FIRST AID

Have the product container or label with you when calling a poison control center or doctor or going for treatment

If inhaled Move person to fresh air
If person is not breathing call 911 or an ambulance then give artificial respiration preferably by mouth to mouth if possible
Call a poison control center or doctor for further 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 in eyes Hold eye open and rinse slowly and gently with water for 15 20 minutes
Remove contact lenses if present after the first five 5 minutes then continue rinsing eye
Call a poison control center or doctor for treatment advice

If swallowed Call poison control center or doctor immediately for treatment advice
Have person sip a glass of water if able to swallow
Do not induce vomiting unless told to do so by the poison control center or doctor
Do not give anything by mouth to an unconscious person

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION May be harmful if swallowed or absorbed through skin Avoid breathing spray mist Avoid contact with skin eyes or clothing Wash thoroughly with soap and water after handling

Environmental Hazards

This pesticide is extremely toxic to fish Avoid contamination of ornamental fish ponds Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent waters 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 is highly toxic to bees exposed to direct treatment on blooming crops or weeds Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area

NOTICE To the extent consistent with applicable law buyer assumes all responsibility for safety and use not in accordance with directions

For information on pesticide products (including health concerns medical emergencies or pesticide incidents) call the National Pesticide Information Center at 1 800 858 7378

**Manufactured by
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