

228-459

5/30/2014

1/13



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

MAY 30 2014

OFFICE OF  
CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Ms. Carrie M. Tackema  
Nufarm Americas, Inc.  
11901 S. Austin Avenue  
Alsip, IL 60803

Subject: Label Notification(s) for Pesticide Registration 98-10

Dear Ms. Tackema:

Subject: Notification to Make Label Changes  
EPA Registration Number: 228-459  
Date of Submission: April 22, 2014  
Decision: 491227

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated April 22, 2014 for the product Menace 2.4% ME Insecticide. 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. The label submitted with the application has (have been stamped "Notification" and will be placed in our records.

If you have any questions, please contact Melody Banks on 703 305-5413 or via e-mail at [banks.melody@epa.gov](mailto:banks.melody@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Richard Gebken".

Richard Gebken  
Product Manager  
Insecticide Branch  
Registration Division (7504P)

2/13

# EXPEDITE



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other:

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number <b>228-459</b>	2. EPA Product Manager <b>Richard Gebken</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Menace 2.4% ME Insecticide</b>	PM# <b>10</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>Nufarm Americas, Inc.</b> <b>11901 S. Austin Avenue</b> <b>Alsip, IL 60803</b> <i>Please send all correspondence to "contact point" listed below</i>	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 _____ <b>NOTIFICATION</b> <b>MAY 30 2014</b>	

## Section - II

<input type="checkbox"/> Amendment – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<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 PER PRN 98-10

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 willfully 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.

**CONTACT:** Carrie M. Tackema (919) 379-2528 or [carrie.tackema@us.nufarm.com](mailto:carrie.tackema@us.nufarm.com)  
Nufarm Americas, Inc.  
4020 Aerial Center Parkway, Suite 101  
Morrisville, NC 27560

1. Material This Product Will Be Packaged In:				2. Type of Container	
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
*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 16 fl. oz., 32 fl. oz., 1 GAL		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input 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 <b>Carrie M. Tackema</b>	Title <b>Regulatory Manager</b>	Telephone No. (Include Area Code) <b>(919) 379-2528</b>	
<b>Certification</b> 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.			6. Date Application Received (Stamped)
2. Signature 	3. Title <b>Regulatory Manager</b>		
4. Typed Name <b>Carrie M. Tackema</b>	4. Date <b>April 22, 2014</b>		



+1 919.379.2510  
+1 919.467.5920  
4020 Aerial Center Parkway, Suite 10  
Morrisville, NC 27560  
[www.nufarm.com](http://www.nufarm.com)

**Via Courier Delivery**

April 22, 2014

Mr. Richard Gebken, PM#10  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U. S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202-4501

**RE: NOTIFICATION(s) per PRN 98-10**

<u>Product</u>	<u>EPA Reg. No.</u>
Menace Flowable	228-451
Menace GC 7.9% Flowable	228-458
Menace 2.4% ME Insecticide	228-459
Bifenthrin 0.1% Granule	228-494
Bifenthrin 0.115% Granule Insecticide	228-496
Bifenthrin 0.2% Granule Insecticide	228-498
Nufarm Lambda-cyhalothrin 1 EC Insecticide	228-708
Killer Insecticide	228-717

Dear Mr. Gebken:

Enclosed please find eight (8) application(s) for pesticide registration – NOTIFICATION for the above-referenced product(s). The purpose of these NOTIFICATION(s) is to include two (2) optional marketing claims:


*Nufarm Grow a better tomorrow*  
*Grow a better tomorrow*

These NOTIFICATION(s) are consistent with PRN 98-10; specifically, II N. In support of these NOTIFICATION(s) enclosed are the following:

- EPA form 8570-1 Application for Pesticide Registration – NOTIFICATION;
- Label certification; and
- Proposed product labeling in PDF format on CD-rom.

Please contact me directly at (919) 379-2528 or by email at [carrie.tackema@us.nufarm.com](mailto:carrie.tackema@us.nufarm.com) if you have any questions regarding this action.

Sincerely,

  
Carrie M. Tackema  
Regulatory Manager

Enclosure(s)

4/13

NOTE: Italicized text in parentheses "( )" is information for the reviewer and is not part of label text. Text in Brackets "[ ]" is optional label text that may or may not appear on Final Printed Labeling

# MENACE<sup>®</sup>

## 2.4% ME

### INSECTICIDE

NOTIFICATION

MAY 30 2014

ACTIVE INGREDIENT:

Bifenthrin\* ..... 2.4%

OTHER INGREDIENTS: ..... 97.6%

TOTAL ..... 100.0%

\*Cis isomers 97% minimum, trans Isomers 3% maximum.

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

SEE BACK PANEL FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300

For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 228-459

EPA EST. NO. \_\_\_\_\_

MANUFACTURED FOR  
NUFARM AMERICAS INC.  
11901 S. Austin Avenue  
Alsip, IL 60803  
800-455-2000



NET CONTENTS \_\_\_\_\_ GALS. ( \_\_\_\_\_ Liters

000228-00459.20140422.NOTIF

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

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

<b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<input type="checkbox"/> Call a poison control center or doctor immediately for treatment advice. <input type="checkbox"/> Have person sip a glass of water if able to swallow. <input type="checkbox"/> Do not induce vomiting unless told to do so by the poison control center or doctor. <input type="checkbox"/> Do not give anything by mouth to an unconscious person.
<b>IF ON SKIN OR CLOTHING</b>	<input type="checkbox"/> Take off contaminated clothing. <input type="checkbox"/> Rinse skin immediately with plenty of water for 15 to 20 minutes. <input type="checkbox"/> Call a poison control center or doctor for treatment advice.
<b>IF IN EYES</b>	<input type="checkbox"/> Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. <input type="checkbox"/> Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. <input type="checkbox"/> Call a poison control center or doctor for treatment advice.
<b>HOT LINE NUMBER</b> <b>(Pyrethroid)</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b> This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils and alcohol may increase absorption and so should be avoided.	

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish, and aquatic invertebrates. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. To protect the environment, do not allow pesticide to enter or runoff 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 runoff to water bodies or drainage systems. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops and weeds. Do not allow this product to drift to blooming crops if bees are visiting the treatment area.

(This product may be packaged as a dilutable concentrate or it may be pre-packaged in a ready-to-spray, hose-end application system for ease of use. Label text specific to the concentrate or the ready-to-spray packaging is designated as "for concentrate" or "for ready-to-spray". Uses on this label that are excluded from the prepackaged ready-to-spray, hose-end application system are marked "for concentrate only").

## PRODUCT FACTS

[1 QUART] [32 Fluid ounces] Treats up to 10,600 sq. ft.	
<b>KILLS INSECTS</b>	Termites, carpenter ants and other insects including Argentine ants, Boxelder bugs, carpenter bees, chinch bugs, clover mites, crickets, Elm leaf beetles, firebrats, fleas, grasshoppers, German cockroaches, harvester ants, sod webworms, millipedes, mole crickets, mosquitoes, pharaoh ants, scorpions, spiders, termites (workers and winged), ticks, and other listed pests.
<b>WHERE TO USE</b>	Lawns, groundcovers, roses, flowers, trees, shrubs, landscape plantings, porches, patios, foundations, wood piles and stored lumber
<b>AMOUNT TO USE</b>	(for concentrate) Termites: 3.2 fl. oz. (6-1/2 Tbs.) per gallon of water for each 2-1/2 linear feet of trench. (for concentrate) All other pests: 0.5 fl. oz. (1 Tbs.) per gallon of water sprayed over 167 sq. ft. (for ready-to-spray) No measuring or mixing is required. Automatically dilutes as you spray.
<b>HOW TO APPLY</b>	(for concentrate) Use a Dial 'N Spray or Ortho garden tank sprayer, a sprinkling can, or Hose End Sprayer (for ready-to-spray) Use the ready-to-spray, hose end applicator system provided.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. People and pets may enter treated area after application has dried.

This product has a long residual, providing up to 16 weeks control of Cockroaches and up to 12 weeks of other pests.

### FOR OUTDOOR USE ONLY

DO NOT USE INSIDE DWELLINGS Shake

**MENACE 2.4% ME** well before use.

(for concentrate) 1 Tablespoon (Tbs.) = 3 teaspoons (tsp.); 1 fl. oz. = 2 Tbs.; 4 fl. oz. = 1/2 cup. DO NOT use household utensils to measure this product.

(for ready-to-spray applicator system A)

**How To Use This Sprayer:** Shake Container Well Before Getting Started.

1. Before you start, the blue top water flow valve should be in the "OFF" position, and the red product flow valve should be in the up, "OFF" position.
2. Shake container well and attach it to your garden hose.
3. Turn on the water from the faucet.
4. To apply, remove side pin (labeled "PULL OUT") and rotate red product flow valve to "ON"; then while holding sprayer at waist level and pointing in a direction away from face and body, push blue water flow valve forward to activate water.
5. When you are finished spraying or if you have to stop spraying at any time, press blue water flow valve with thumb to the rear to shut off water and return side red valve to the upright "OFF" position and replace side pin.
6. Turn off the water at the faucet.
7. Remove the container from the garden hose; then rinse thoroughly and store according to storage instructions.

(for ready-to-spray applicator system B)

### HOW TO USE THE READY-TO-SPRAY

#### SYSTEM Connect

1. Shake well before using.
2. Connect sprayer to hose.
3. Turn on water.

### Spray

1. To begin spraying, point nozzle in the direction you want to spray.
2. [Bend small plastic tab back and] Turn knob [clockwise] to ON position.
3. Spray evenly over the area to be treated.

### Finish

1. To stop spraying, turn knob [counter clockwise] to OFF position.
2. Turn off water.
3. Relieve water pressure by [bending plastic tab back and] turning knob to ON position until water slows to a drip. Then turn knob back to OFF position.
4. Disconnect sprayer from hose.

*(for concentrate only)*

## SUBTERRANEAN TERMITES (OUTDOORS)

Kills and controls subterranean termites. Chemicals for soil treatment are used to establish a barrier against termites. The chemical emulsion must be adequately dispersed in the soil to provide a barrier between the wood in the structure and the termite colonies in the soil. Barriers may be established in the soil on the outside perimeter of the house by trenching using a rate of 4 gallons of emulsion per 10 linear feet per foot of depth. A complete termite barrier may require treatment with another EPA registered product to the inside perimeter of the foundation and to other interior critical areas. For these situations contact a licensed pest control operator for treatment. Prevents subterranean termite infestations. For use around existing structures, not for pre-construction use. For outdoor homeowner post-construction use only. DO NOT use under slabs, in crawl spaces or indoors. If termites are found within the house or structure, contact a licensed pest control operator for treatment. Keeps termites away for up to 5 years in areas treated.

### MIXING INSTRUCTIONS for Termites

USE A SPRINKLING CAN. Add 3.2 fl. oz. (6-1/2 Tbs.) to 1 gallon of water for each 2-1/2 linear feet\*. \* 1 quart of this product will make 10 gallons of diluted solution and cover 25 linear feet.

### HOW TO APPLY

#### Trench Treatment

- ☐ Remove all wood debris and wood forms.
- ☐ Poured Concrete Foundations: Dig a trench next to the foundation 6 inches wide and 4 inches deep or down to the top of the footing; whichever is less.
- ☐ Brick and Block Foundations: Dig a trench 6 inches wide and 12 inches deep. If the footing is more than 12 inches deep, make holes with a crowbar, pipe or steel rod about 1 foot apart that extend from the bottom of the trench to the top of the footing. Make holes closer together in hard-packed clay soils.
- ☐ To avoid shifting your house foundation, never dig below the top of the footing.
- ☐ Apply the diluted solution (emulsion) in the trench at a rate of 4 gallons per 10 linear feet per foot of depth.
- ☐ Apply half volume of the diluted product with a sprinkling can in the trench. Apply other half to the backfill as the trench is refilled.

#### Fence Posts

- ☐ Use a sprinkling can. Pour 1/2 gallon of diluted product into fence post hole and add another 1/2 gallon to the soil when filling the hole so that all the fill soil is treated to form a protective barrier.

#### Fence Posts – Termite Prevention

Create an insecticidal barrier in the soil around wooden constructions such as signs, fences and landscape ornamentation.

- ☐ Previously installed poles and posts may be treated by gravity-flow through holes made from the bottom of the trench around the pole or post. Treat on all sides to create a continuous insecticidal barrier around the hole.
- ☐ Use 1 gallon of emulsion per foot of depth for poles and posts less than six inches in diameter.
- ☐ For larger poles, use 1.5 gallons of emulsion per foot of depth.
- ☐ Apply to a depth of 6 inches below the bottom of the wood.

- ☐ For larger constructions, use 4 gallons per 10 linear feet per foot of depth.

#### **WHEN TO REAPPLY**

Reapplication for subterranean termites should only be made when there has been a disruption of the chemical barrier in the soil due to construction, excavation, landscaping, etc. Reapplication should be made as a spot treatment to those areas. Annual reapplication of the entire premises must be avoided.

### **CARPENTER ANTS, CARPENTER BEES, WOOD-DESTROYING BEETLES, AND OTHER HOME-INVADING PESTS (OUTDOORS)**

Ants (Including Carpenter ant, Red harvester, pavement, odorous pyramid, Argentine and pharaoh) carpenter bees, beetles, boxelder bugs, centipedes, chiggers, crickets, earwigs, firebrats, fleas, German cockroaches, house flies, hornets, millipedes, scorpions, silverfish, sowbugs, spiders (including black widow and brown recluse), springtails, ticks, wasps, wood-destroying beetles, and yellow jackets – **OUTDOORS**

For use against hornets, wasps and yellow jackets: Application should be made in the late evening when insects are at rest. Aim spray at nest openings in ground, bushes and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible.

*(for concentrate)*

#### **MIXING INSTRUCTIONS for Home-Invading Pests**

#### **AMOUNT TO USE**

##### **When using a tank sprayer**

- ☐ 0.5 fl. oz. (1 Tbs.) per gallon of water to be sprayed over 167 sq. ft.

##### **When using the Ortho® Dial 'N Spray®**

1. Set dial to 0.5 fl. oz.
2. Add 3.2 fl. oz. (6-1/2 Tbs.) to sprayer jar. **DO NOT** add water.
3. Spray evenly over 1,000 sq. ft. until jar is empty.

#### **Treatment For Wood-Destroying Pests (Outdoors)**

**Localized Areas Outdoors:** For the control of insects such as termites, ants, carpenter ants, and wood-infesting beetles such as Old House Borer and Powder Post in localized areas of infested wood around structures, apply emulsion to voids and galleries in damaged wood and in spaces between wooden members of a structure and between wood and foundations where wood is vulnerable. Paint on or fan spray applications may also be used.

#### **HOW TO APPLY**

##### **Wood Treatment**

- ☐ Fences and Outdoor Wood Surfaces of Buildings: Apply evenly on wood surfaces. Allow to dry and repeat to ensure the insecticide soaks into the wood.
- ☐ Wood Piles and Stored Lumber: Use a Dial 'N Spray or Ortho garden tank sprayer, a sprinkling can, or Hose End Sprayer to deliver a coarse drenching spray. Treated wood can be burned or used for building one month after treatment.

##### **Perimeter Treatment**

- ☐ To keep insects from entering the house, use a hose-end or tank sprayer to spray a 3 to 10 foot band of soil around the house next to the foundation. Also spray the foundation of the house to a height of 2 to 3 feet. House siding may be treated if pests such as gypsy moth adults and caterpillars, boxelder bugs, elm leaf beetles, earwigs, or silverfish are present.



## LAWN PESTS (OUTDOORS)

For above the ground insects including armyworms, chiggers, chinch bugs, clover mites, crickets, cutworms, dichondra flea beetles, earwigs, fleas, grasshoppers, sod webworms, ticks – **OUTDOORS**

For below the ground insects including mole crickets and European crane flies – **OUTDOORS**

(for concentrate)

### MIXING INSTRUCTIONS for Lawn Pests

#### AMOUNT TO USE

##### When using a tank sprayer

- ☐ 0.5 fl. oz. (1 Tbs.) per gallon of water to be sprayed over 167 sq. ft.

##### When using the Ortho® Dial 'N Spray®

1. Set dial to 0.5 fl. oz.
2. Add 3.2 fl. oz. (6-1/2 Tbs.) to sprayer jar.
3. **DO NOT** add water.
4. Spray evenly over 1,000 sq. ft. until jar is empty.

#### HOW TO APPLY

- ☐ Measure lawn. Calculate square feet by multiplying length times width.
- ☐ Spray evenly over measured lawn. Treat entire lawn.

#### WHEN TO REAPPLY

- ☐ Repeat application is necessary only if there are signs of renewed insect activity. Repeat application must be limited to no more than once per seven days.

## LANDSCAPE, ORNAMENTAL, AND TREE PESTS (OUTDOORS)

For application to trees, shrubs, ground covers, roses, flowers, bedding plants and foliage plants to control Adelgids, Ants, Aphids, Bagworms<sup>1</sup>, Beet armyworms, Beetles<sup>2</sup>, Black vine weevil (adults), Budworms, Centipedes, Cicadas, Crickets, Cutworms, Earwigs, Elm leaf beetles, Flea beetles, Fall webworms, Fungus gnats, Grasshoppers, Gypsy moth caterpillars, Japanese beetle (adults), Leafhoppers, Leafminers, Leafrollers, Mealybugs, Millipedes, Mosquitoes, Pillbugs, Plant bugs, Psyllids, Scale insects & crawlers<sup>2</sup>, Scorpions, Sowbugs, Spider mites, Spiders, Spittlebugs, Tent caterpillars, Thrips, Tip moths, Treehoppers, Twig borers<sup>2</sup>, Wasps, Weevils<sup>2</sup>, Whiteflies.

<sup>1</sup>For Bagworms, apply when larvae begin to hatch and spray larvae directly. Application when larvae are young will be most effective.

<sup>2</sup>For Beetles, Scale Crawlers, Twig Borers, and Weevils: Treat tree trunks, stems, and twigs in addition to plant foliage.

(for concentrate)

### MIXING INSTRUCTIONS for Ornamental, Tree, and Landscape Pests

#### AMOUNT TO USE

##### When using a tank sprayer

- ☐ 0.5 fl. oz. (1 Tbs.) per gallon of water to be sprayed over 167 sq. ft.

##### When using the Ortho® Dial 'N Spray®

1. Set dial to 0.5 fl. oz.
2. Add 3.2 fl. oz. (6-1/2 Tbs.) to sprayer jar.
3. **DO NOT** add water.
4. Spray evenly over 1,000 sq. ft. until jar is empty.

**HOW TO APPLY**

- ☐ Spray evenly over foliage and treatment surfaces to the point of runoff.

**WHEN TO REAPPLY**

- ☐ Repeat application is necessary only if there are signs of renewed insect activity. Repeat application must be limited to no more than once per seven days.

**MOSQUITOES (OUTDOORS)**

Mosquitoes coming to rest on areas treated for the control of lawn and home-invading pests will be killed for varying periods of time after application, depending on exposure of treated areas to environmental conditions.

**For Ant and Fire Ant Mounds use this product as a Drench Method**

Apply 1-2 gallons of emulsion to each mound area by sprinkling the mound until it is wet and treat a 4-foot diameter circle around the mound. Use the higher volume for mounds larger than 12". For best results, apply in cool weather, such as in early morning or late evening hours, but not in the heat of the day. Treat new mounds as they appear.

**IMPORTANT**

**DO NOT** treat structures that contain cisterns, wells, French drains or sump systems. Soil in the vicinity of wells, cisterns or ponds must not be treated. For those situations, contact your County Cooperative Extension Agent or consult a commercial pest control service. **DO NOT** treat soil that is water saturated or frozen, or in any conditions where run-off or movement from the treatment area (site) is likely to occur. **DO NOT** apply while it is raining. **DO NOT** use on pets. **DO NOT** use on edible plants. Spray drift onto these plants must be rinsed off immediately with water.

**STORAGE AND DISPOSAL****[Residential]**

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original containers only. Protect from freezing. Store in a cool, dry place, preferably in a locked storage area and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into drink containers.

**PESTICIDE DISPOSAL AND CONTAINER DISPOSAL:** 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 (including toilet) or outdoor (including sewer) drain.

**STORAGE AND DISPOSAL****[Commercial]**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original container only. Store in a cool, dry place and avoid excess heat.

**PESTICIDE DISPOSAL AND CONTAINER DISPOSAL:**

**Nonrefillable Containers 5 Gallons or Less:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if

allowed by State and local authorities, by burning. If burned stay out of smoke.

**Nonrefillable containers larger than 5 gallons:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If recycling or reconditioning is not available, puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke. Triple rinse or pressure 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 1/4 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 it 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. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Refillable containers larger than 5 gallons:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

#### WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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(RV042214)

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## OPTIONAL MARKETING CLAIMS

- KILLS CARPENTER ANTS
- KILLS ON CONTACT (GUARANTEED)
- [1 QUART] [32 FLUID OUNCES] TREATS UP TO 10,600 SQ. FT.
- [1 QUART] [32 FLUID OUNCES] MAKES 64 GALLONS FOR BROADCAST INSECT APPLICATION
- [1 QUART] [32 FLUID OUNCES] MAKES 10 GALLONS FOR TERMITE CONTROL
- CONTROLS/KILLS WOOD-DESTROYING INSECTS
- [ALSO] KILLS TICKS THAT MAY TRANSMIT LYME DISEASE
- [ALSO] CONTROLS LAWN PESTS INCLUDING EUROPEAN CRANE FLIES, CHINCHBUG, SOD WEBWORM, GRASSHOPPERS & OTHER LISTED PESTS
- KILLS ANTS, EARWIGS, FLEAS, MITES, ROACHES, SILVERFISH, SPIDERS & OTHER LISTED PESTS
- AN EASY TO APPLY PRODUCT TO CONTROL LISTED WOOD-DESTROYING, HOME-INVADING AND LAWN INSECTS.
- KILLS LISTED INSECT PESTS ON TREES, SHRUBS, ROSES, FLOWERS, AND OTHER LANDSCAPE PLANTINGS.
- VIRTUALLY ODOR-FREE
- FAST-ACTING
- WATER-BASED
- EASY-TO-USE
- NON-STAINING
- CONTROLS TERMITES, CARPENTER ANTS & OTHER LISTED HOME INVADING PESTS.
- CONTROLS THE FOLLOWING LAWN, LANDSCAPE, ORNAMENTAL & TREE PESTS: APHIDS, GRASSHOPPERS, GYPSY MOTH, JAPANESE BEETLE AND OTHER LISTED PESTS.
- CONTROLS THE FOLLOWING LAWN, LANDSCAPE, ORNAMENTAL & TREE PESTS: EUROPEAN CRANE FLIES, CHINCH BUG, SOD WEBWORM, GRASSHOPPERS, ANTS, EARWIGS, FLEAS, MITES, SPIDERS & OTHER LISTED PESTS.

### **[Use Directions for K-1 Hose-End Sprayer]**

If this product is packaged in a hose-end sprayer, follow the directions below:

**How To Use This Sprayer:** Shake Container Well Before Getting Started.

1. Attach to garden hose.
2. Turn on the water faucet.
3. Activate the sprayer by pushing the vertical tab towards the horizontal tab. The vertical tab on the sprayer can not be removed because of the horizontal tab, which allows for resealing of partially used bottles when in the "OFF" position. The product channel is not opened until the control knob passes the vertical tab and is placed in the "ON" position.
4. When spraying is complete, or if you stop spraying at any time, move the horizontal tab back into the "OFF" position.
5. Rinse any residual product from the sprayer by passing through the "WATER" position on the sprayer.
6. Turn off the water at the faucet.
7. Remove the container from the garden hose, then rinse thoroughly and follow the directions in the Storage and Disposal section for storing or disposing of the container.

[Diagram]]