

279-3218

12-5-2003

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060



United States Environmental Protection Agency Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input type="checkbox"/>	Other

OPP Identifier Number 299582

Application for Pesticide - Section I

1. Company/Product Number 279-3218	2. EPA Product Manager G.T. LaROCCA	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) TELSTAR 24 ME INSECTICIDE/ACTICIDE	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) FAC CORPORATION AGRICULTURAL PRODUCTS GROUP 1735 MARKET STREET PHILADELPHIA, PA 19103 <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 _____	<p>NOTIFICATION</p> <p>DEC - 5 2003</p>
<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 PR NOTICE 98-10, TO ADD FOOTNOTE.

Section - III

1. Material This Product Will Be Packaged In:			2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted			<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container	<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions <input 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 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 MICHAEL C. ZUCKER	Title SENIOR REGISTRATION + LABEL SPECIALIST	Telephone No. (Include Area Code) (215) 299-5876
2. Signature <i>Michael C. Zucker</i>		6. Date Application Received (Stamped)
3. Title SENIOR REGISTRATION + LABEL SPECIALIST		
4. Typed Name MICHAEL C. ZUCKER		
5. Date 11/21/03		

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.

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FMC Corporation

Agricultural Products Group
1735 Market Street
Philadelphia Pennsylvania 19103
215 299 6000



November 21, 2003

Ms. Sherada Hobgood
United States Environmental Protection Agency
Office of Pesticide Programs (H7504C)
Document Processing Desk (NOTIF)
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Dear Ms. Hobgood:

Subject: Talstar[®] 2.4 ME Insecticide/Miticide
EPA Reg. No. 279-3218

Notification per PR Notice 98-10

FMC has chosen via notification, to revise the labeling for the subject product. This notification is consistent with PR Notice 98-10, Section II Labeling Notifications; part N Other Revisions.

Specifically, the following revision has been made:

- As a condition of future registration in Massachusetts, New York and Rhode Island, the footnote “*Not in MA, NY & RI.” has been added to three places on the label.

To complete this notification, enclosed please find the following:

- Application for Pesticide: Notification (EPA Form 8570-1).
- PR Notice 98-10 Certification Statement.
- Revised labeling for Talstar[®] 2.4 ME Insecticide/Miticide with changes highlighted in yellow (1 copy).

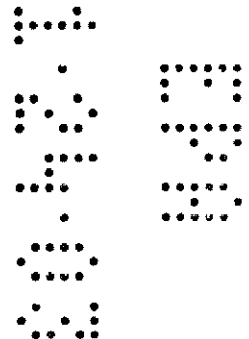
To expedite this request, I have supplied a postage-paid self-addressed postcard for the Agency to acknowledge this notification. If you have any questions, please feel free to contact me at (215) 299-5876 or by e-mail at mike_zucker@fmc.com.

Sincerely,

Michael C. Zucker
Senior Registration & Label Specialist
APG Specialty Products Business

Ta191-0

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CERTIFICATION STATEMENT

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.



Michael C. Zucker
Senior Registration & Label Specialist
APG Specialty Products Business
FMC Corporation

Date: 11/20/03

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6073

Net Contents



2.4% ME INSECTICIDE/MITICIDE

FOR OUTDOOR, HOMEOWNER, POST CONSTRUCTION USE ONLY

For Use Around Foundations, Outside Buildings, Lawns, Woodpiles, Stored Lumber and Fence Posts

Kills and controls ants, termites and certain wood destroying insects. This product can be used for treatment of localized areas of wooden structures, wood piles and stored lumber to control wood infesting borers, carpenter ants and carpenter bees. In addition, controls many common pests in lawns and other outdoor areas around the home.

DO NOT USE INSIDE DWELLINGS. For use around existing structures, not for Pre-Construction use.

EPA Reg. No. 279-3218

EPA Est. 279-

Active Ingredient:

By Wt.

Bifenthrin: 2.4%

Inert Ingredients: 97.6%

100.0%

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

U.S. Patent No. 4,238,505

KEEP OUT OF REACH OF CHILDREN

CAUTION

See other panels for additional precautionary information.



FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

11/21/03 Notification

FIRST AID	
If swallowed	<ul style="list-style-type: none"> 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.
If on skin or clothing	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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.
If inhaled	<ul style="list-style-type: none"> 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.
HOTLINE NUMBER	
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-(800)-331-3148 for Emergency Assistance.	
NOTE TO PHYSICIAN	
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, or alcohol may increase absorption and so should be avoided.	

PRECAUTIONARY STATEMENTS

Hazards to Human (and Domestic Animals)

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapor or 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 and aquatic invertebrates. Do not apply directly to water. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate. Care should be used when spraying to avoid fish and reptile pets in/around ornamental ponds.

This product is highly toxic to Bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow to drift to blooming crops if Bees are visiting the treatment area.

NOTIFICATION
DEC - 5 2003

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DIRECTIONS FOR USE

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

Talstar® 2.4% ME insecticide/miticide is a high-performance product. Talstar® 2.4% ME has a long residual, providing up to 16 weeks control of Cockroaches and up to 12 weeks control of other pests. Talstar® 2.4% ME is:

- Virtually odor-free
- Fast-acting
- Water-based
- Easy-to-use
- Non-staining
- Broad-spectrum
- Kills Ants, Earwigs, Fleas, Insects, Mites, Roaches, Silverfish, Spiders, Ticks & Other Listed Pests
- For outdoor use only

Mixing Instructions: Talstar® 2.4% ME is a micro-emulsion concentrate and must be diluted before use. Please read the following "Directions for Use" carefully and fully before applying this product. As detailed below, add the appropriate amount of water to a spray tank, and then add the proper amount of product. Tighten the lid on the tank and mix the contents by either shaking or inverting for about 10 to 15 seconds.

Note: 1 fluid ounce = 2 tablespoons = 6 teaspoons = 29.57 ml. Do not use household utensils to measure Talstar® 2.4% ME.

Talstar® 2.4% ME Insecticide/Miticide Dilution Chart

Volume of Ready-To-Use Spray	Amount of Talstar 2.4% ME Fluid Ounces
1 Quart	0.8
2 Quarts	1.6
3 Quarts	2.4
4 Quarts (1 Gallon)	3.2
5 Quarts	4.0

	Milliliters
1 Liter	25.0
2 Liters	50.0
3 Liters	75.0
4 Liters	100.0
5 Liters	125.0

Home Invading Pests (Outside Dwelling)

Ants, Bees, Beetles (1), Boxelder Bugs, Carpenter Ants (1), Carpenter Bees (1), Centipedes, Clover Mites, Cockroaches, Crickets, Earwigs, Elm Leaf Beetles, Fleas, Flies, Hornets, House Flies, Millipedes, Mosquitoes, Scorpions (2), Silverfish, Sowbugs, Spiders, Springtails, Ticks, Wasps, Yellowjackets.

NOTE: Number in parenthesis refer to Specific Directions. (1) For added information, see section on Treatment For Wood Destroying Pests. (2) For Scorpions, remove accumulations of lumber, firewood, and other materials which serve as harborage sites and treat beneath and adjacent to infested areas.

Pest Control on Lawns, Outside Surfaces and Around Buildings

Apply as a coarse spray to outside surfaces of residential buildings including, exterior siding, foundations, porches, window frames, eaves, patios, lawns such as grass areas adjacent to or around private homes, duplexes, townhouses, condominiums, house trailers, recreational vehicles, houseboats, apartment complexes, carports, garages, fence lines, storage sheds, barns and other residential structures.

For use against hornets, wasps and yellowjackets: 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.

Nuisance Pests Outside: Use this product to control Ants, including Carpenter, Red Harvester, Pavement, Odorous Pyramid, Argentine, Pharaoh (Sugar) and foraging Fire Ants, Armyworms, Bees, Biting Flies, Boxelder Bugs, Centipedes, Chiggers, Chinch Bugs, Clover Mites, Crickets, including Mole Crickets, Cutworms, Dichondra Flea Beetles, Earwigs, Elm Leaf Beetles, European Crane Flies, Firebrats, Fleas, Flies, Grasshoppers, Hornets, Japanese Beetles, Millipedes, Mites, including Two spotted, Tropical, Russet, Clover and Red Spider Mites, Mosquitoes, Moths, German Cockroaches, Scorpions, Silverfish, Sod Webworms, Sowbugs (Pillbugs), Spiders, including Black Widow and Brown Recluse Spiders, Springtails, Ticks, including Brown Dog Ticks, and Wasps.

Apply as a coarse spray to outside surfaces of doorways, window frames or wherever pests may enter buildings. Also treat surfaces around light fixtures, porches, in garages and other places where insects are seen.

Treat eaves, foundations, refuse dumps, garbage cans and garbage areas, patios and any other areas where pests have been seen to congregate. Thoroughly spray localized infestations in weeds or around ornamental plants. Retreatment may be necessary to achieve and/or maintain control during periods of high pest pressure. Repeat application is necessary only if there are signs of renewed insect activity. Repeat application should be limited to no more than once per seven days.

Perimeter Treatment: Apply to a band of soil and vegetation 6 to 10 feet wide around and adjacent to the structure. Also, treat the foundation of the structure to a height of 2 to 3 feet. Use a spray volume of 2 to 10 gallons of emulsion per 1000 square feet. Higher volumes of water may be needed if mulch or leaf litter is present or foliage is dense. House siding may be treated if pests such as Gypsy Moth adults and caterpillars, Boxelder Bugs, Elm Leaf Beetles, Earwigs or Silverfish are present.

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.

For wood piles and stored lumber: Use a hose-end sprayer or sprinkling can to deliver a coarse drenching spray. Treated wood can be bumed or used for lumber one month after treatment. Do not use in structures.

Subterranean Termites - For Outdoor Post-Construction Use Only*

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. 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.

*Not in MA, NY & RI.

Important: Do not treat structures that contain cisterns, wells, french drains or sump systems. Soil in the vicinity of wells, cisterns or ponds should 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.

Mixing Instructions: Using a sprinkling can. Add 3.2 fl.ozs. to 1 gallon of water for each 2.5 linear feet [12.8 fl. ozs. to 4 gallons of water for each 10 linear feet].

Trench Treatment

Remove all wood debris and wood forms. Around piers, chimney bases and along foundations of poured concrete, dig a trench 6 inches wide and 4 inches deep. For brick and block foundations, dig the trench about 12 inches deep. If 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 in hard packed clay soils. 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 of this to the backfill as the trench is refilled.

Fence Posts (Except Rhode Island): Using 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 a trench around the pole or post. Treat on all sides to create a continuous insecticidal barrier around the pole. 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 Re-apply

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

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entire premises must be avoided.

For Ant and Fire Ant Mounds use Talstar® 2.4% ME 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.

Attention:

Keep children and pets off treated areas following application until the area has dried.

Do not use on vegetables or food crops.

Do not treat pets with this product.

Do not spray inside dwellings.

NOTE: Mosquitoes outdoors coming to rest on areas treated for the control of lawn and home invading pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to

STORAGE AND DISPOSAL

Storage: Keep out of reach of children and animals. Store in original containers only. 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.

Product Disposal: Partially filled plastic bottle - Securely wrap original plastic bottle in several layers of newspaper and put in trash.

Container Disposal: Do not reuse empty plastic bottle for concentrate. Wrap plastic bottle and put in trash.


Dealers Should Sell in Original Packages Only

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Use of Product: FMC's recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

Talstar and —Trademarks of FMC Corporation (8/23/00)

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Talstar® 2.4% ME Insecticide/Miticide

[FRONT]

Talstar®

Talstar® 2.4% ME Insecticide/Miticide

CONCENTRATE

[icon] **OUTDOOR HOMEOWNER POST CONSTRUCTION USE ONLY**

[banner] **KEEPS TERMITES AWAY FOR UP TO 5 YRS IN AREAS TREATED***

[banner] **KILLS CARPENTER ANTS**

[banner] **KILLS ON CONTACT [GUARANTEED]**

[banner] **TREATS UP TO 10600 SQ. FT.**

[banner] **1 QUART MAKES 64 GAL. FOR BROADCAST INSECT APPLICATION**

[banner] **1 QUART MAKES 10 GAL. FOR TERMITE CONTROL**

Controls/Kills Wood Destroying Insects

***Not in MA, NY & RI.**

*Also Kills Ticks
That May Transmit
Lyme Disease*

Active Ingredient

Bifenthrin* 2.4%

Other Ingredients 97.6%

*Cis isomers 97% minimum, trans isomers 3% maximum.
U.S. Patent No. 4,238,505

KEEP OUT OF REACH OF CHILDREN

CAUTION See back panel booklet for
additional precautionary statements.

NET 32 FL OZ (1 QT) 946 mL

**NOTIFICATION
DEC - 5 2003**

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[BACK COVER PAGE]

Talstar®

Talstar® 2.4% ME Insecticide/Miticide

[corner flap]

OPEN

**Resealable Label
for Directions &
Precautions**

PRESS TO RESEAL [Placed on base of label.]

An easy to apply product to control wood-destroying, home-invading and lawn insects.

Talstar® 2.4% ME should be shaken well before use.

Product Facts	
Treats up to 10,600 sq. ft.	
KILLS INSECTS	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, pharoah ants, scorpions, spiders, termites (workers and winged), and ticks
WHERE TO USE	Lawns, porches, patios, foundations, wood piles and stored lumber
AMOUNT TO USE	<ul style="list-style-type: none"> • Termites: 3.2 fl oz (6 1/2 Tbs.) per gallon of water for each 2 1/2 linear feet of trench • All other pests: 0.5 fl oz (1 Tbs.) per gallon of water sprayed over 167 sq. ft.
HOW TO APPLY	Easy to apply with Ortho Dial 'N Spray, or Ortho Lawn & Garden tank sprayer.
[phone icon]	Questions, Comments or Medical Information call 1-800-321-1362 www.fmc-apgspec.com

Specially formulated for residential use.

DO NOT USE INSIDE DWELLINGS

Manufactured by:
The FMC Corporation
Agricultural Products Group
1735 Market Street
Philadelphia, PA 19103
EPA Reg. No. 279-3218
EPA Est. 279-

Made in USA

[BACK]

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DIRECTIONS FOR USE

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

Talstar[®] 2.4% ME Insecticide/Miticide is a high-performance product. Talstar 2.4% ME has a long residual, providing up to 16 weeks control of Cockroaches and up to 12 weeks control of other pests. Talstar 2.4% ME is:

- Virtually odor-free
- Fast-acting
- Water-based
- Easy-to-use
- Non-staining
- Broad-spectrum
- Kills Ants, Earwigs, Fleas, Insects, Mites, Roaches, Silverfish, Spiders, Ticks & Other Listed Pests
- For Outdoor Use Only

1 Tablespoon (Tbs.)=3 teaspoons (tsp.) 1 fl oz = 2 Tbs. 4 fl oz = 1/2 cup. Do not use household utensils to measure Talstar 2.4% ME Insecticide/Miticide

SUBTERRANEAN TERMITES (OUTDOORS)*

Kills and control 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 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.

*Not in MA, NY & RI.

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 Talstar[®] 2.4% ME Insecticide/Miticide will make 10 gallons of diluted solution and covers 25 linear feet.

HOW TO APPLY

Trench Treatment

- Remove all wood debris and wood forms.

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- **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 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 pole.
- 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,

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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.

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 or a sprinkling can 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)

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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**

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. [walking man icon]
- Spray evenly over measured area. Treat entire lawn.

WHEN TO REAPPLY

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

In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

In New York State, do make a single repeat application of Talstar 2.4% ME if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

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 Talstar 2.4% ME 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 [Increase font to that used for headers and add box.]

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DO NOT treat structures that contain cisterns, wells, french drains or sump systems. Soil in the vicinity of wells, cisterns or ponds should 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 or ornamental plants. Spray drift onto these plants should be rinsed off immediately with water.

STORAGE AND DISPOSAL [Add box around heading.]

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.

DISPOSAL: PRODUCT - Partially filled plastic bottle: Securely wrap original plastic bottle in several layers of newspaper and put in trash. **CONTAINER** - Do not reuse empty plastic bottle for concentrate. Wrap plastic bottle and put in trash.

PRECAUTIONARY STATEMENTS [Add box around heading.]

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

[Reentry icon] People and pets may enter treated area after application has dried.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • 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.
If on skin or clothing	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes.

	<ul style="list-style-type: none"> • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • 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.
HOTLINE NUMBER	
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-(800)-331-3148 for Emergency Assistance.	
NOTE TO PHYSICIAN	
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, or alcohol may increase absorption and so should be avoided.	
For Information Regarding the Use of this Product Call 1-800-321-1FMC (1362).	

ENVIRONMENTAL HAZARDS: This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate. Care should be used when spraying to avoid fish and reptile pets in/around ornamental ponds. This product is highly toxic to Bees exposed to direct treatment of residues on blooming crops or weeds. Do not apply this product or allow to drift to blooming crops if Bees are visiting the treatment area. [Add CR.]

Dealers Should Sell in Original Packages Only

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Use of Product: FMC's recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct

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damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

NOTICE: Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

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[phone icon] **Questions, Comments or Medical information**
call 1-800-321-1FMC (1362) www.fmc-apgspec.com

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