

74627-3

9/13/2004

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 M St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:
74627-3

Date of Issuance:
SEP 13 2004

Term of Issuance: Conditional

Name of Pesticide Product:
NAB 2.4% ME Insecticide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Product & Regulatory Associates, LLC
4201 Church Road, Suite 334
Mount Laurel, NJ 08054-2231

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of you product under FIFRA section 4.
2. **Make the following labeling changes:**
 - a) Revise the EPA Registration Number to read "EPA Reg. No. 74627- 3".
 - b) Delete "Keeps termites away for up to 5 years in areas treated". The Agency have reevaluated the validity of this claim and requested the claim be deleted from all basic and distributor labels.
 - c) Based on the acute toxicity profile of this product, you may delete the "If inhaled" first aid statements.
 - d) Revise the precautionary statements to read: "*Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.*"
 - e) Revise the Disposal statements as follows: "*If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partially filled: Call your local solid*

waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain".

f) Under Conditions of Sale revise the statement beginning with: "In no event shall Product & Regulatory Associates LLC or seller be liable..." to read: "To the extent permitted by law Product & Regulatory Associates LLC or seller shall not be liable...". As currently written the statement negates and/or detracts from labeling requirements as set forth by the Agency in 40 CFR Part 156, and is, therefore, considered misbranding.

4. This product is similar to 279-3218. The corresponding acute toxicity profile is as follows:

- Acute oral - Cat. III
- Acute dermal - Cat. IV
- Acute inhalation - Cat. IV
- Eye Irritation - Cat. III
- Skin irritation - Cat III
- Non-sensitizer

6. Please submit two (2) copies of your final printed label before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Olga Odiott of my team at (703) 308-9369.

Signature of Approving Official:

George T. LaRoeca, Product Manager (13),
Insecticide Branch, Registration Division (7505C)

Date:

September 13, 2004

Enclosure

NAB 2.4% ME Insecticide

CONCENTRATE

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

[banner] **KEEPS TERMITES AWAY FOR UP TO 5 YEARS 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

Also Kills Ticks That May Transmit Lyme Disease

Active Ingredient

Bifenthrin*2.4%

Other Ingredients97.6%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION See back panel booklet for additional precautionary statements.

NET 32 FL OZ (1 QT) 946 mL

ACCEPTED
with **COMMENTS**
In EPA Letter Dated
SEP 13 2004
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
74627-3

NAB 2.4% ME Insecticide

[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.

NAB 2.4% ME should be shaken well before use.

Product Facts	
Treats up to 10,600 sq. ft.	
KILLS	Termites, carpenter ants and other insects including
INSECTS	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), 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 1-856-424-1528	

Specially formulated for residential use.

DO NOT USE INSIDE DWELLINGS

Manufactured by:
Product & Regulatory Associates, LLC
4201 Church Road
Suite 334
Mount Laurel, NJ 08054

[BACK]
DIRECTIONS FOR USE

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

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

NAB 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

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1 Tablespoon (Tbs.)=3 teaspoons (tsp.) 1 fl oz = 2 Tbs. 4 fl oz = 1/2 cup. Do not use household utensils to measure NAB 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.

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 NAB 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.
- **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,

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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.

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.

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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**

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.

MOSQUITOES (OUTDOORS)

Mosquitoes coming to rest on areas treated for the control of lawn and home-invading pests will be killed for varying

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periods of time after application, depending on exposure of treated areas to environmental conditions.

For Ant and Fire Ant Mounds use NAB 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.]

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

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application has dried.

FIRST AID (Pyrethroid)	
IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center immediately for treatment advice. • Have a person sip a glass of water if able to swallow • Do not induce vomiting unless told to do so by a 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.
HOT LINE NUMBER (Pyrethroid)	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact for Emergency Assistance: Transportation or spill, call CHEMTREC 1-800-424-9300 Human health, call Poison Control Center at 1 800-900-4044 Animal health, call ASCAP at 1 800-345-4735</p>	
Note to Physician	
<p>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.</p>	

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HANDLING OF THIS PRODUCT SHALL BE, AT THE ELECTION OF Product Development & Regulatory Associates OR SELLER THE REPLACEMENT OF THE PRODUCT OR COMPENSATION LIMITED TO DAMAGES NOT EXCEEDING THE FAIR MARKET PURCHASE PRICE, AND SHALL NOT INCLUDE INCIDENTAL OR CONSEQUENTIAL DAMAGES.

(insert company) and Seller offer this product and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by the duly authorized representative of Product & Regulatory Associates, LLC.

EPA File Symbol. No. 74627-~~1~~ G
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