

10088-109

07/24/2002

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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:

10088-109

Date of Issuance:

JUL 24 2002

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Permicide 9%
Concentrate

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Athea Laboratories, Inc.
P.O. Box 240014
Milwaukee, WI 53224

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 your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 10088-109".
 - b. Revise the first paragraph on the front panel to read "FOR OUTDOOR USE ON RESIDENTIAL AREAS SUCH AS xxx etc."
 - c. On the side panel following Do Not Use Inside Dwellings add, "Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with pesticides."

Signature of Approving Official:

Date:

d. Delete the instructions to "Repeat as necessary" throughout the labeling. Alternatively you may revise the retreatment recommendation to include a specific retreatment interval that is consistent with supporting efficacy data for this product.

e. By October 1, 2003, you are required to revise the Disposal instructions in accordance with the Agency's latest guidance in PR Notice 2001-6 for residential/household use products. Although not required to revise the disposal instructions until the 2003 compliance date, you may revise them now. The disposal instructions for products in non-pressurized containers are as follows: **If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or [insert a toll free number which meets the criteria in paragraph II.E. of PR Notice 2001-6] for disposal instructions. Never place unused product down any indoor or outdoor drain.

f. Under Thatch Inhabiting Insect Control either delete or explain "xxx then use high water application rates for optimum results". What are the rates and where are they on the label?

3. Submit two (2) copies of your final printed labeling 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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Enclosure

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

CAUTION

Harmful if swallowed, absorbed through skin or inhaled. Causes eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse.

FIRST AID

IF SWALLOWED: IMMEDIATELY contact your local Poison Control Center. Vomiting should only be induced under the direction of a physician or a Poison Control Center. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in vomitus, rinse mouth and administer more water. IMMEDIATELY transport victim to emergency facility. Do not give anything by mouth to an unconscious person.

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 15 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN: 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378. For information on product, usage, etc., call 1-800-743-6417.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

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 it to drift to crops and weeds on which bees are actively foraging. Additional information may be obtained from Cooperative Extension Service. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

PERMETHRIN 9% CONCENTRATE

FOR USE ON RESIDENTIAL AREAS SUCH AS: LAWNS,
ORNAMENTALS, PORCHES, PATIOS, FOUNDATIONS, WOOD
PILES, STORED LUMBER, TRENCH AROUND BUILDING
FOUNDATION

CONTROLS WOOD DESTROYING INSECTS

Concentrated, Water Dilutable Product to control
wood destroying, home invading and lawn insects.

Aids in Reducing Annoyance from Mosquitoes and Other
Flying Insects

Controls Wood Destroying Insects such as Termites,
Carpenter Ants, Carpenter Bees, Powder Post Beetles,
Deathwatch Beetles

Kills Home Invading Pests Outdoors such as Ants, Beetles,
Box Elder Bugs, Cockroaches, Crickets, Earwigs, Fleas, Ticks,
Scorpions and other crawling and flying insects.

Kills Deer Ticks that may Transmit Lyme Disease

Active Ingredients:

* Permethrin (3-phenoxyphenyl)methyl(±)-cis, trans-3-
(2,2-dichloroethyl)-2,2-dimethylcyclopropane-
carboxylate 9.00%

** Other Ingredients: 91.00%
Total 100.00%

* Cis, trans ratio: Min. 35%(±) cis and max 65% (±) trans

** Contains Petroleum Distillate

KEEP OUT OF REACH OF CHILDREN CAUTION

See side panel for additional precautionary statements.

EPA REG. NO. 10088-XX

EPA EST. NO. 10088-WI-1

NET CONTENTS:

1 5 6 20 35 5 Gallons

Manufactured By:

Athea Laboratories, Inc.

P.O. Box 240014

Milwaukee, WI 53224

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 24 2002

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

10088-109

DIRECTIONS FOR USE

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

GENERAL INFORMATION

1 Tablespoon (Tbs) = 3 teaspoons (tsp)
1 fl. oz. = 2 Tbs.
4 fl.oz. = 1/2 cup.

SHAKE WELL BEFORE USE.

Specially Formulated for residential use. DO NOT USE
INSIDE DWELLINGS.

This is an easy to apply product that can be used to control wood destroying, home-invading and lawn insects. This product can be used for treatment of localized areas of wooden structures, firewood piles and stored lumber to control wood infesting borers, carpenter ants and carpenter bees. Do not spray animals with this product. People and pets should not be allowed in treated area until spray has dried.

This product can be applied using a hose-end sprayer, pump up sprayer or by watering can. Carefully dilute the recommended amount of concentrate and water according to the directions found under the desired insect to control. Using a clean sprayer, apply insecticide when insects first appear and repeat as necessary. Flush sprayer or watering can with clean water after each use.

LAWN PEST

Ants, Armyworm, Brown Dog Ticks, Chinch Bugs, Crickets, Cutworms, Deer Ticks, Fleas, Grasshoppers, Japanese Beetle Grubs, Mole Crickets, Pillbugs and Millipedes. Home lawns should not be longer than 3 inches at the time of application. Use 4 fluid ounces of concentrate to 5 gallons of water to cover 800 square feet. For heavy infestations repeat application after two weeks.

FOR SURFACE INSECT CONTROL (Armyworm, Cutworms, Fleas, etc.), delay watering or mowing for 12 to 24 hours for optimum control of surface feeding insect pests.

THATCH INHABITING INSECT CONTROL (Chinch Bugs, Pillbugs, etc.): Lightly irrigate (water) after application with up to 1/2 inch of water to move the insecticide into the thatch layer. If irrigation is not available, then use high water application rates for optimum results.

SUBSURFACE INSECT CONTROL (Mole Crickets, Grubs, etc.): Apply to lawns wet with dew, rain or irrigation. Water-in immediately after application with 1/4 to 1/2 inch of water for optimum results.

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ORNAMENTALS IN RESIDENTIAL LANDSCAPED AREAS
(Including Trees, Shrubs, Flowers, Evergreens, Foliage Plants and Ground Covers). Ants, Aphids, Bagworm, Beet Armyworm, Cabbage Looper, Citrus Thrips, Fungus Gnat, Heliothis spp., Japanese Beetles, Lace Bug, Leaf Feeding Caterpillars, Leafminers, Leafhoppers, Leafrollers, Lygus Bugs, Mealybugs, Root Weevils (Adult), Whiteflies. Use 5 teaspoons of concentrate to 1 gallon water. Apply sufficient volume of water to adequately cover foliage. Apply product when insects appear or feeding is noticed. Before treating a large number of plants, treat a few plants and observe prior to full scale application. Direct application to blooms may cause browning of petals. Repeat the application as needed to maintain control.

FIRE ANT MOUNDS

Add 5 teaspoons of concentrate to 1 gallon of water. Using a sprinkling can, apply 1 or 2 gallons evenly over and around each mound in a 4 ft. diameter circle until it is wet. Apply gently to avoid disturbing ants and causing them to move and form new mounds. 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.

HOME-INVADING PESTS - OUTDOORS

Including Ants, Asian Cockroaches, Bees, Box Elder Bugs, Centipedes, Clover Mites, Cockroaches, Crickets, Earwigs, Elm Leaf Beetles, Firebrats, Fleas, Flies, Ground Beetles, Gypsy Moths (adult & caterpillar), Hornets, House Flies, Millipedes, Mosquitoes, Scorpions, Silverfish, Sowbugs, Spiders (including Black Widow & Brown Recluse Spiders), Ticks, Wasps, Yellowjackets. For use in hose-end sprayer, tank-type sprayer or sprinkling can: Use 5 teaspoons of concentrate to one gallon of water to cover 300 sq. ft. or 60 linear feet. To keep insects from entering the house, spray a 3 ft. band of soil around the house next to the foundation. Also spray the foundation of the house to a height of 2 ft. Also spray walks, garbage cans & garbage areas, window frames and doorways, porches & patios, under shrubs & trees but avoid spraying foliage. **DO NOT** treat pets with this product. **DO NOT** use this product indoors.

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 weathering conditions.

TREATMENT FOR WOOD DESTROYING PESTS - OUTDOORS

Carpenter Ants, Carpenter Bees, Powder Post Beetles, False Powder Beetles, Deathwatch Beetles, Old House Borer, Ambrosia Beetle. Treat localized areas of infested wood. Add 7-1/4 fl. oz. (14-1/2 Tbs) to one gallon of water.

HOW TO APPLY:

Fences and Outdoor Wood Surfaces of Building: Apply evenly on wood surfaces with a paint brush. Allow to dry and repeat to ensure the insecticide soaks into the wood.

Wood Piles and Stored Lumber: Use a hose-end or tank sprayer or sprinkling can to deliver a coarse drenching spray. Do not apply to firewood.

SUBTERRANEAN TERMITES - OUTDOORS

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 TERMITE: Add 7-1/4 fl.oz. (14-1/2 Tbs) to one gallon of water for each 5 linear feet. (1 quart of product makes 4.4 gallons of diluted solution and covers 22 linear feet.) (1/2 gallon of product makes 8.8 gallons of diluted solution and covers 44 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 & Brick Foundations: Dig a trench 6 inches and 12 inches deep. To avoid shifting your house foundation, never dig below the top of the footing. Mix diluted product into soil as soil is replaced in the trench.

FENCE POSTS:

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.

WHEN TO APPLY

Reapplication for subterranean termites should only be made when there had 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 entire premises must be avoided.

IMPORTANT

DO NOT treat structures that contain cisterns or wells. Soil in the vicinity of wells, cisterns or ponds should not be treated. For those situation, 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

PROHIBITIONS: Do not contaminate water, food, or feed by storage and disposal. Open dumping is prohibited. Do not reuse the container.

STORAGE: Keep container closed when not in use. Do not store near food or feed. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

PESTICIDE STORAGE: If you no longer wish to use this product, give it to a friend who will use it, offer it to a garden club, or call your local solid waste agency for disposal instructions. Never pour pesticides down the toilet, drain, into the gutter or on the ground. Unless instructed otherwise, you may discard the product in your trash.

CONTAINER DISPOSAL: Do not reuse empty container. Do not rinse unless required for recycling. Use rinsate for product dilution. Place container in trash or offer for recycling, if recycling option exists in your area.

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