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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAR 11 2004

Adrian Krygsman
Manager, Registration
Bayer Environmental Science, A Business Group of
Bayer CropScience
95 Chestnut Ridge Road
Montvale, NJ 07645

Subject: Amendment - Update First Aid Statement
Delta Wettable Powder
EPA Reg. No. 432-832
Your submission dated September 23, 2003

Dear Mr. Krygsman:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable, subject to the comments listed below.

1. Add the following statement to the end of paragraph 3 under the wood-infesting insects section: "This product is not recommended as sole protection against termites. For active termite infestations, get a professional inspection."
2. Add the following statements to the "Directions for Use" section "Do not apply in classrooms when in use. Do not apply this product in occupied patient rooms or in any rooms/areas while occupied by patients, the elderly or infirm. Do not apply to institutions (including libraries, sports facilities, etc.,) in the immediate area when occupants are present."

A stamped copy of the label is enclosed for your records. If you have any questions, please call Dr. William Sproat of my team at 703-308-8587.

Sincerely,

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

Enclosure

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Delta Wettable Powder

- * Only For Sale To, Use and Storage by Pest Control Operators and/or Lawn Care Operators and/or Mosquito Control Districts and/or Commercial Applicators Only.
- * To be applied by or under the Direct Supervision of commercial Applicators Responsible for Control Programs.
- * For outdoor perimeter and crack & crevice applications for broad-spectrum control of crawling, flying and wood destroying insects on and around Residential, Industrial and Institutional Structures.
- * For Insect Control on Commercial and Residential Lawn and Landscape Ornamental Plants.
- * Will not Damage Paints, Plastics, Fabrics or Other Surfaces Where Water Alone Causes No Damage.
- * Contains DeltaGard™ Insecticide.
- * Controls mosquitoes that may transmit malaria, arboviruses or encephalitis
- * May be applied to tire piles to control adult mosquitoes.

ACCEPTED
with COMMENTS
In Eff. 5-11-04

MAR 11 2004

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432-832

ACTIVE INGREDIENT:

Deltamethrin, (S)-cyano-3-phenoxybenzyl-(1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethyl-cyclopropanecarboxylate 5.00%

INERT INGREDIENTS: 95.00%
100.00%

EPA Reg. No. 432-832

EPA Est. No.

PRECAUCION AL USUARIO: Se usará en los ingles. No use este producto hasta que la etiqueta le haya sido explicada ampliamente. (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> ◆ Call a poison control center or doctor 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 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 eyes. ◆ Call a poison control center 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 mouth-to-mouth if possible. ◆ Call a poison control center or doctor for further treatment advice.

HOT LINE 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 1-800-334-7577 for emergency medical treatment information.

In case of *Medical* emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-334-7577.

See Side Panel For Additional Precautions

NET CONTENTS:

BAYER ENVIRONMENTAL SCIENCE

Attn: Environmental Science Department
P.O. Box 11718, Kansas City, MO 64116

Crack and Crevice Applications: Use a low pressure system with a pin-point or variable pattern nozzle to apply the spray mixture to areas such as floors, cracks and crevices in and around baseboards, walls, expansion joints, areas around water and sewer pipes, and voids formed by equipment or appliances.

Spot and Broadcast Applications: Use a low pressure system with fan-type nozzle to uniformly apply spot treatments in and around cupboards, and between, beneath and behind equipment or appliances. Delta WP may be applied as a broadcast spray to carpeted floor areas for control of fleas, and as a spot treatment for control of ticks and carpet beetles.

Premise Pest Control: Apply as a coarse, low pressure spot or crack and crevice spray to areas that pests normally inhabit. Pay particular attention to dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations, doors, windows and in attics and crawl spaces. Applications may be made to floor surfaces along baseboards and around air ducts.

Cabinet Interiors: Make application to cupboards, shelving and storage areas. Remove all food stuffs, all utensils, shelf paper and other objects before spraying. Allow all treated surfaces to dry and cover shelves with clean paper prior to replacing food stuffs, utensils or other items. Any food stuff accidentally contaminated with any spray solution should be discarded.

Pet Kennels: For residual control of crawling and flying insects in and around these structures, apply as a general surface and/or crack and crevice spray. Optimal control results if facilities to be treated are clean and if the exterior perimeter is concurrently treated with Delta WP. Apply only to areas of facility where animals are not present. Allow spray to dry before allowing re-entry of animals into treated areas. Do not apply to animal feed or watering equipment.

FOOD/FEED HANDLING ESTABLISHMENTS

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held. Do not use in Federally Inspected Meat and Poultry Plants.

In the home, cover all food handling surfaces and cover or remove all food and cooking utensils or wash thoroughly after treatment. Exposed food should be covered or removed.

NON-FOOD/NON-FEED AREAS: Delta WP may be applied as a general, spot or crack and crevice treatment in non-food/non-feed areas. Non-food/feed establishment areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (alter packaging, canning or bottling). All areas that insects inhabit or through which insects may enter should be treated.

FOR CONTROL OF MOSQUITOES THAT MAY TRANSMIT MALARIA

General Surface Application: Mix 2 scoops (1.6 ounces) of Delta WP per gallon of water (0.06% dilution). Apply at a rate of 1 gallon of dilution per 1000 square feet. Do not allow dripping or run-off to occur. Spray evenly on all internal walls and ceilings of houses ensuring areas such as eaves are thoroughly treated. Also spray other buildings adjacent to the house such as animal shelters where many mosquitoes may rest. For best results, all houses in the area should be sprayed and therefore access to as many houses as possible is important.

INDOOR PESTS CONTROLLED BY DELTA WP

Ants ⁽¹⁾	Firebrats
Beetles	Fleas ⁽⁵⁾
Boxelder bugs	Flour beetles
(or other true bugs)	(confused)
Brown dog ticks ⁽²⁾	(red)
Carpet beetles ⁽³⁾	(saw-toothed)
Centipedes	Indian meal moths
Clover mites	Mediterranean flour moths
Cockroaches ⁽⁴⁾	Mosquitoes
(American)	Rice weevils
(Asian)	Silverfish
(brown-banded)	Sowbugs
(German)	Spiders
(oriental)	Ticks
(smoky brown)	and other insect pests
Crickets	

Numbers refer to "Specific Indoor Use Directions".

Specific Indoor Use Directions

1. Ants may be controlled by treating ant trails and wherever else these pests may find entrance; for example, around doors and windows.
2. For control of brown dog ticks, thoroughly apply the spray to infested areas, such as cracks and crevices, along baseboards, windows and door frames, and areas of floor and floor coverings where these pests may be present. Non-carpeted flooring should only be treated with spot applications as necessary. Spots are defined as areas not exceeding two square feet. Use a 0.06% spray at the rate of 1 gallon of diluted spray per 1600 square feet. Do not treat pets with this product. Adults, children and pets should not contact treated surfaces until spray has dried.
3. For the control of carpet beetles, thoroughly apply the spray to rugs and carpets, and baseboards and edges of carpeting; under carpeting, rugs and furniture, in closets and on shelving; and wherever else these insects are seen or suspected. Non-carpeted flooring should only be treated with spot applications as necessary. Spots are defined as areas not to exceed two square feet. Use a 0.06% spray at the rate of 1 gallon of diluted spray per 1600 square feet. Adults, children and pets should not contact treated surfaces until spray has dried.
4. Cockroaches can be controlled by making crack and crevice spot or general surface treatments. Treat where insects are found or normally occur including, but not limited to, floors, cracks and crevices in walls, along and behind baseboards; around plumbing, floor drains and other utility installations; and beneath and behind sinks, cabinets or other fixtures.
5. To control fleas, thoroughly apply a fine-particle spray to infested areas, such as rugs and carpets. Vacuuming carpets prior to treatment may improve flea control. A 0.03% - 0.06% dilution at the rate of 1 gallon diluted spray per 800 - 1360 square feet depending upon carpet density is recommended. For medium to thick pile carpet, apply 1 gallon of diluted spray per 800 square feet. An insect growth regulator may be added to achieve extended control of developing flea larvae and pupae. Non-carpeted flooring should only be treated with spot applications as necessary. Spots are defined as areas not to exceed two square feet.

Treated areas should be vacated during application, except for the applicator. Cover aquaria and fish bowls and remove other pets. Adults, children and pets should not contact treated surfaces until spray has dried. Old bedding should be replaced or thoroughly

FOR CONTROL OF WOOD-INFESTING INSECTS

Delta WP is intended to be mixed with water and applied as a general surface or localized injection treatment with pressurized sprayers or other equipment suitable for applying insecticides to localized areas.

Handling Procedures: Contact with treated surfaces should be avoided until spray has dried. Cover or remove exposed foods before treatment. Before spraying, remove pets, cover aquaria and turn off air pump. Do not apply where electrical short circuits could occur.

Treatment Sites: When used in accordance with label directions, Delta WP can be applied to residential and non-residential buildings and structures for control of wood-infesting insects. Permitted areas of use include but are not limited to:

- crawl spaces
- gaps between wooden members
- junctions between wood and foundation
- voids and channels in damaged wood
- wall voids
- wood surfaces

Mixing Instructions: To make a 0.03% water-based spray, mix 0.8 ounces (1 scoop) of Delta WP per gallon of spray mixture. To make a 0.06% water-based spray, mix 1.6 ounces (2 scoops) of Delta WP per gallon of spray mixture. When diluting, add water to the spray tank and the appropriate amount of Delta WP. Thoroughly agitate the sprayer before using to insure proper suspension of the wettable powder. Re-invert sprayer before use if spraying is interrupted. If spray screens are used, they should be 50 mesh or larger. Dilute Delta WP insecticide only with water.

Dosage Rates: Applications of 0.03% to 0.06% Delta WP can be made depending on pest species and method of application. Expect increased residual control of higher rates. See "Specific Use Directions for Control of Wood-Infesting Insects" for additional information.

Tank Mixing: Unless prohibited by a product's label, users at their own discretion can tank-mix pesticides such as insect growth regulators currently labeled for similar use patterns. It is always recommended that a small jar compatibility test using proper proportions of chemicals and water be run to check for physical compatibility prior to tank-mixing.

Application Methods

This product may be applied either as a coarse spray or by brushing onto targeted surfaces. Equipment capable of delivering a coarse, low pressure (about 20 psi) spray is recommended for treatment of large or overhead areas. Inaccessible areas such as wall voids can be treated by injecting the spray mixture under low pressure (about 20 psi) through drilled openings. Use sufficient amount of spray dilution to cover the area to the point of wetness but avoid applying to the point of runoff.

Drilling may be necessary prior to applying Delta WP to voids, cracks or joint spaces in vulnerable locations and to channeled section of wood but it must be recognized that such drilling and treating may not result in complete coverage of infested vulnerable voids. All treatment holes drilled in construction elements in commonly occupied areas of structures must be securely plugged. Inspect at 6 months and 1 year to insure that the colony has been killed. If infestation is still evident after inspection, retreat (but not more than 2 times a year).

Overhead Areas: It is recommended that, when spraying overhead interior living areas of residential buildings, surfaces below areas being treated be covered with plastic sheeting or other material which can be disposed of by placing in trash. Care should be taken to avoid dripping or runoff from contacting applicator.

Wood-Infesting Insects Controlled by Delta WP

- beetles⁽¹⁾
 - (Anobiidae)
 - (Bostrichidae)
 - (Cerambycidae)
 - (Lyctidae)
- Carpenter ants and other wood-infesting ants⁽²⁾
- Carpenter bees
- Termites⁽³⁾

Numbers refer to "Specific Use Directions for Control of Wood-Infesting Insects".

Specific Use Directions for Control of Wood-Infesting Insects

1. Beetles may be controlled by applying spray mixture to infested areas, or areas where infestations are likely to occur. This includes but is not limited to wood surfaces, voids and channels in damaged wood, spaces between wooden members of a structure and junctions between wood and foundations. Apply to wetness but avoid runoff.
2. Wood-infesting ants may be controlled by applying spray mixture around doors and windows, cracks or crevices, or other areas where ants may enter, crawl or hide.
 - Primary colonies are typically found outside through an exterior inspection. Correction of sanitation and structural deficiencies or landscape modifications may be necessary for effective control.
3. Termites can be treated by applying spray mixture to infested areas, or areas where infestations are likely to occur. This includes but is not limited to wood surfaces, voids and channels in damaged wood, spaces between wooden members of a structure and junctions between wood and foundations.

This treatment is intended to kill localized infestations of workers and winged reproductive forms of termites and to prevent infestation for a temporary period. This application is not intended as a substitute for soil treatments.

STORAGE & DISPOSAL

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

Storage: Mix as needed. Do not store diluted material. Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled on floor or paved surfaces, sweep up and remove to chemical waste area.

Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Empty container completely into application equipment. Do not reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer, of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product.

Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer Environmental Science. All such risks shall be assumed by the user or buyer.

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