

228-620

3/1/2010

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



OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

March 1, 2010

Nathan P. Ehresman
Nufarm Americas, Inc.
AGT Division
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

Subject: Label Notifications per Pesticide Registration Notice 2007-4

Dear Mr. Ehresman:

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4, dated February 11, 2010 for:

- EPA Registration 228-620; Nufarm Chlorpyrifos SPC 2.32% G Insecticide
- EPA Registration 228-621; Nufarm Chlorpyrifos SPC 1.0% MCB Insecticide
- EPA Registration 228-622; Nufarm Chlorpyrifos SPC 0.5% MCB Insecticide

The Registration Division (RD) has conducted a review of these requests for applicability under PRN 2007-4, and finds that the label changes requested do fall within the scope of PRN 2007-4. The labels have been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

If you have any questions, please contact me directly at 703-308-8735 or email me at chao.julie@epa.gov.

Sincerely,

Julie A. Chao
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs

2/10

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other: NOTIF	OPP Identifier Number
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Application for Pesticide – Section I

1. Company/Product Number <p style="text-align: center;">228-620</p>	2. EPA Product Manager <p style="text-align: center;">Venus Eagle</p>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Nufarm USA, Inc./ Nufarm Chlorpyrifos SPC 2.32% G Insecticide	PM# <p style="text-align: center;">01</p>	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas, Inc AGT Division 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 <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: _____ <p style="text-align: right;">NOTIFICATION</p> <p style="text-align: right;">MAR - 1 2010</p>

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

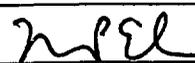
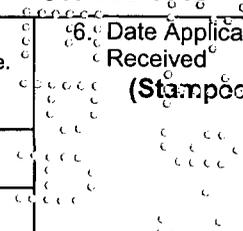
Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

LABELING NOTIFICATION: See Attached

Section – III

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)	
* 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 <p style="text-align: center;">25, 50 lbs</p>		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 type="checkbox"/> Other <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	

Section – IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Nathan P. Ehresman	Title Product Registration Manager	Telephone No. (Include Area Code) 919-655-0018
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.		
2. Signature 	3. Title Product Registration Manager	6. Date Application Received (Stamped) 
4. Typed Name Nathan P. Ehresman	4. Date February 11, 2010	

Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
000228-00620	February 16, 2010	000228-00620.20100211.PRN2007-4

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

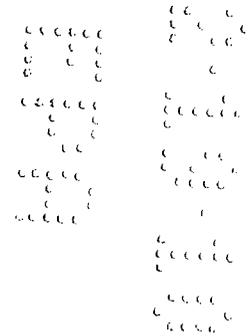


 Signature

02-16-2010
 Date

Nathan P. Ehresman
 Name (typed)

Product Registration Manager
 Title



9/0

Nufarm Chlorpyrifos SPC 2.32% G Insecticide

For effective long lasting control of Chinch Bugs, Asian Roaches, Fire Ants, Fleas, Ticks, Foraging Ants, Mole Crickets and other outdoor insects.

ACTIVE INGREDIENT:

Chlorpyrifos (O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate) 2.32%

OTHER INGREDIENTS: 97.68%

TOTAL: 100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

See inside label booklet for additional FIRST AID and PRECAUTIONARY STATEMENTS

NOTIFICATION

MAR - 1 2010

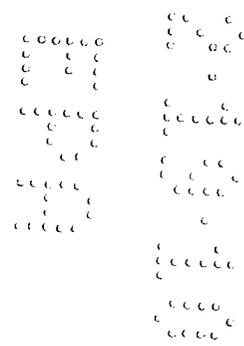
EPA Reg. No. 228-620

EPA Est. No.

Manufactured for:
Nufarm Americas Inc.
105 Harvester Drive
Burr Ridge, IL 60527

Nufarm Chlorpyrifos SPC 2.32% G
Insecticide contains chlorpyrifos, the
active ingredient used in Dursban®.

Net Weight: _____ (Lbs)



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

Causes moderate eye irritation. Avoid contact with eyes and clothing. Harmful if swallowed.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Loaders, applicators and all other handlers must wear:

- long-sleeved shirt and long pants;
- socks and shoes.

In addition to the above, loaders must wear:

- chemical-resistant gloves such as natural rubber \geq 14 mils;
- chemical-resistant apron;
- a NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N, R, P, or HE filter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**FIRST AID
Organophosphate**

If swallowed:	<ul style="list-style-type: none"> • Call a 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 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 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 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

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.

NOTE TO PHYSICIAN

Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish, and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. 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 contaminate water when cleaning equipment or disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

The maximum application rate of this product for all applications on this label is 1 lb. a.i./A.

Do not enter or allow others to enter until dusts have settled.

This product may be used for mound treatment control of imported fire ants⁽⁷⁾. It also controls: Ants (including Carpenter, Argentine and Foraging), Armyworms (Beet, Fall, Yellowstriped), Centipedes, Chinch Bugs⁽²⁾, Clover Mites, Cutworms, Crickets, Earwigs, Fiery Skipper, Fleas, Grasshoppers, Greenbugs, Leafhoppers, Millipedes, Mole Crickets⁽⁴⁾, Roaches (Asian), Sod Webworms (Lawn Moth)⁽³⁾, Sow Bugs, Springtails, Ticks (Brown Dog Tick)⁽¹⁾, Turfgrass Weevil (Hyperodes), White Grubs, European Crane Fly, Southern Chafer, Japanese Beetle, and June Beetle (Larvae)⁽⁵⁾, Bluegrass Billbugs⁽⁶⁾. (Refer to the numbered paragraphs in the SPECIFIC DIRECTIONS section of this label for specific insect control application information).

1 lb. of this product treats up to 1,000 sq. ft.

SPECIFIC DIRECTIONS

The following numbered paragraphs correspond to numbers in parenthesis () from the list of insects in the DIRECTIONS FOR USE section above. Insects not numbered may be controlled by following the GENERAL DIRECTIONS section of this label. Repeat treatments as needed for control.

(1) Brown Dog Ticks & Fleas

Use 0.5 lb./500 sq. ft. (1.0 lb./1,000 sq. ft.) for area control of these insects infesting golf course turf, road medians, and exterior areas of industrial plant sites. DO NOT allow public use of treated area during applications.

(2) Chinch Bugs

Apply 3/4 lb. of this product per 750 to 1,000 sq. ft. (40 to 43 lbs. per acre) when insects appear and/or their damage is imminent. To prevent damage, apply as soon as daily temperatures reach 80°F and repeat every 2 months. Use the lower rate as a preventative treatment or for light infestation. Use the higher rate when insects are present in large numbers and turf is being damaged.

(3) Sod Webworms

For sod webworms, apply this product at the rate of 40 lbs. per acre. Delay watering or mowing the treated area for 12 to 24 hours after treatment. Treat in the spring or when insects first appear troublesome. Additional treatments at 30-day intervals may be needed for new infestations.

(4) Mole Crickets

Use 40 lbs. of this product per acre. Treat suspected problem areas when insects become a problem or as specified by your local Agricultural Extension Service Specialist.

The best time to control Adult Mole Crickets:

- March to August – egg-laying time
- February to September – best time to control crickets

(5) White Grubs; Crane Fly Larvae

To control White Grubs, Black Turfgrass Ataenius, European Crane Fly, Southern Masked Chafer, Japanese Beetle and June Beetle (larvae): Use 40 lbs. of this product per acre. Apply enough water to thoroughly wash the insecticide into the turf to improve efficacy. For best results, remove thatch first and treat when grubs are young and actively feeding near the soil surface, usually during late July and August. Consult your local Agricultural Extension Service Specialist for best time to treat.

European Crane Fly larvae will be controlled using 1.0 lb of this product per 1,000 sq. ft. or will be controlled simultaneously with the same application being applied for control of White Grubs. Consult your local Agricultural Extension Service Specialist for best time to apply. For best results, first remove thatch. Water the granules into the soil.

(6) Bluegrass Billbugs

Use 35 lbs. of this product per acre. To improve control, apply enough water to wash granules into the soil where insects are feeding.

(7) Imported Fire Ant Control

Mound Treatment – For treatment of Fire Ant mounds. For Professional Use Only. Treat individual ant mounds measuring from 3 to 12 inches in diameter by applying ½ tablespoon of granules evenly in a circle around the outer edges (1 to 2 feet from the center) of the mound. Finish the treatment by applying 1 tablespoon of granules sprinkled evenly over the center of the mound. After granule application, gently sprinkle the treated area with a minimum of 1 quart of water per 6 inches of mound diameter. Apply in cool weather (65° to 80°F) or in early morning or late evening. Best results will be obtained if mound is not disturbed after treatment thus allowing ants to come and go and to be exposed to the insecticide. Repeat treatments as needed for additional control but not more than once every 7 days.

GENERAL DIRECTIONS FOR USE ON GOLF COURSE TURF ONLY

Apply this product uniformly to golf course turf using any hand or power operated type spreader designed for application of granules. Treat at the rate of 1.0 lb/1,000 sq. ft. (43 lbs. of this product per acre) when surface insects first appear. Increase this rate as indicated for control of certain soil insects under the SPECIFIC DIRECTIONS section of this label. For best efficacy, sprinkle the turf with water to move the granules into the zone of insect infestation. Repeat treatment as necessary. Observe the watering limitation described in (3) Sod Webworms in the SPECIFIC DIRECTIONS section of this label.

RATE TO USE FOR SURFACE INSECTS

For control of Ants (including Carpenter, Argentine and Foraging), Armyworms (Beet, Fall, Yellowstriped), Centipedes, Chinch Bugs, Clover Mites, Cutworms, Crickets, Earwigs, Fiery Skipper, Fleas, Grasshoppers, Greenbugs, Leafhoppers, Millipedes, Sod Webworms (Lawn Moth), Sowbugs, Springtails, and Ticks (Brown Dog Tick) – use 1.0 lb./1,000 sq. ft.

FOR SOIL FEEDING INSECTS

Refer to the SPECIFIC DIRECTIONS section of this label (paragraphs (3), (4), and (5)) for rates to control the listed turf insects that feed below the soil surface. When using a spreader, calibrate with each application by accurately weighing a few pounds into the spreader and apply to a measured area. Adjust spreader setting in order to ensure the correct rate of application.

NOTE: The age, condition of spreader and operator speed can cause a wide variation of rates.

PERIMETER TREATMENT AROUND BUILDINGS AT INDUSTRIAL PLANT SITES (SUCH AS AROUND WAREHOUSES, FOOD PROCESSING AND FOOD MANUFACTURING SITES) – USE FOR CRAWLING INSECT CONTROL

Use this product to protect against insects entering indoors. Place a band of granules around the outside of the building to kill Ants (including Carpenter, Argentine and Foraging), Ticks (Brown Dog Tick), Crickets, Earwigs, Fleas, Millipedes, Roaches (Asian), Sowbugs, and Springtails before they attempt to enter. Use 0.5 lb. of this product to treat 500 sq. ft. (as a band 5 ft. x 80 ft. long) around the structure. Apply when insects have become troublesome or before they cause problems in the spring or early fall. Repeat one month later and then as needed for control but not more than once every 7 days. Keep the public (especially children and pets) off treated areas until the granules are sprinkled in and the area is dry.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a cool, dry locked place out of the reach of children.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty container into application equipment. Then offer for recycling if available, or place empty container in trash.



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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TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV021110N)

Nufarm Chlorpyrifos Pro 2.32% G Insecticide is not manufactured or distributed by Dow AgroSciences, seller of Dursban®.

Dursban® is a registered trademark of Dow AgroSciences LLC.

