

228-622

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

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 <p>EPA United States Environmental Protection Agency Washington, DC 20460</p>	<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;">228-622</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 0.5% MCB 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: _____	

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.)

NOTIFICATION


LABELING NOTIFICATION: See Attached

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Section – III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt. No. per container	2. Type of Container <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			
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.		6. Date Application Received (Stamped)
2. Signature 	3. Title Product Registration Manager	
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
000228-00622	February 16, 2010	000228-000622.20100211.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

Nufarm Chlorpyrifos SPC 0.5% MCB Insecticide

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ACTIVE INGREDIENT:

Chlorpyrifos (O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate).....0.5%
OTHER INGREDIENTS:99.5%
TOTAL:100.0%

**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. 228-622

EPA Est. No.

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

Nufarm Chlorpyrifos SPC 0.5% MCB
Insecticide contains chlorpyrifos, the
active ingredient used in Dursban®.

Net Weight: _____ (Lbs)

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

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 extremely toxic to fish, birds, and other 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. Drift and runoff from

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treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water when 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 per application of this product is 1 lb. ai/A.

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

Use this product for control of chinch bugs, sod webworms (lawn moths), ants, brown dog ticks, field crickets, mole crickets, cutworms, earwigs, sowbugs (pillbugs), certain white grubs* and hyperodes (turfgrass) weevils** infesting golf course turf and ornamental turf, on road medians, and industrial plant sites.

NOT FOR USE IN RESIDENTIAL AREAS.

Apply this product uniformly to golf course turfgrass, road medians and industrial plant sites using any hand or power operated gravity or rotary type spreader designed for application of granular materials. Treat when insects first appear using this product at the rate of 200 pounds per acre. Apply 1/2 the required amount of product in one direction; then apply the balance at a right angle to the original application to aid in uniform distribution of the product.

For control of chinch bugs, cutworms, earwigs, sod webworms (lawn moths), sowbugs (pillbugs), certain white grubs* and hyperodes (turfgrass) weevils**, immediately after application, sprinkle the turf with 1300 gallons of water per acre to wash the granules into the zone of insect infestation. Refer to the following table to determine the amount of this product and water needed for smaller sized areas. Repeat as necessary.

RATES TO USE		
Area to be Treated	Pounds of Product	Gallons of Water to Sprinkle on Turf***
1,000 sq. ft.	4.5	30
5,000 sq. ft.	22.5	150
10,700 sq. ft.	48	325

*To control certain white grubs (larvae of European chafer and Japanese beetle) use two to four times the amounts of this product shown in the table, i.e., 2 to 4.5 pounds per 1,000 sq. ft. Apply the granules uniformly over the area to be treated followed immediately by thorough watering to wash the insecticide into the turf. For best results, 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 proper time to treat in your area.

**To control hyperodes (turfgrass) weevils, use twice the rate of this product shown in the table. Treat suspected problem areas in mid-April and again in mid-May. Consult your local Agricultural Extension Service specialist for best time to treat in your area.

***Water in bait for control of chinch bugs, sod webworms (lawn moths), cutworms, earwigs, sowbugs (pillbugs), certain white grubs, and hyperodes weevils.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a cool, dry place.

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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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 0.5% MCB Insecticide is not manufactured or distributed by Dow AgroSciences, seller of Dursban®.

Dursban® is a registered trademark of Dow AgroSciences LLC.