

11678-58

12/01/2009

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



OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

December 1, 2009

Christie Hitchcock
Makhteshim Chemical Works, Ltd.
c/o Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Road, Suite 300
Raleigh, NC 27609

Subject: Notification of Label Changes per Pesticide Registration Notice (PRN) 2007-4
Pyrinex Chlorpyrifos Technical
EPA Reg. No. 11678-58
Your submission dated November 13, 2009

Dear Ms. Hitchcock:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 for the product referenced above. The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-2007-4. The label has 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 (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

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

Sincerely,

A handwritten signature in cursive script that reads "Julie A. Chao".

Julie A. Chao
Insecticide-Rodenticide Branch
Registration Division (7505P)



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 11678-58	2. EPA Product Manager Linda Arrington	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Pyrinex Chlorpyrifos Technical	PM# 01 Registration Support Branch	
5. Name and Address of Applicant (Include ZIP Code) Makhteshim Chemical Works, Ltd. c/o Makhteshim Agan of North America, Inc. 4515 Falls of Neuse Rd, Suite 300, Raleigh, NC 27609 <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 _____	NOTIFICATION DEC - 1 2009
<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 of label change per PR Notice 2007-4. This notification is consistent with the guidance of PR Notice 2007-4 and requirements of EPA's regulations at 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statements to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

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	* Certification must be submitted		<input checked="" type="checkbox"/> Metal
If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container			<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 55 lbs or less; greater than 55 lbs		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph Paper glued Stenciled <input checked="" type="checkbox"/> Other Self-Adhesive			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Christie Hitchcock		Title Regulatory Specialist		Telephone No. (Include Area Code) 919-256-9342	
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 CCCCCC (Stamped) CCCCCC CCCCCC CCCCCC CCCCCC
2. Signature <i>Christie Hitchcock</i>		3. Title Regulatory Specialist		CCCCCC	
4. Typed Name Christie Hitchcock		5. Date 11-13-09		CCCCCC	



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November 13, 2009

NOTIFICATION

DEC - 1 2009

Document Processing Desk (NOTIF)
Registration Division (7504P)
OPP, USEPA
Ariel Rios Building
1200 Pennsylvania Ave, NW
Washington, DC 20460

Re: Pyrinex Chlorpyrifos Technical, EPA Reg. No.11678-58
Notification per PRN 2007-4

To Whom It May Concern:

On behalf of Makhteshim Chemical Works, Ltd., Makhteshim Agan of North America, Inc. is notifying the Agency of an update for the above mentioned label as allowed in PRN 2007-4. The changes made are to the Container Handling language.

In support of this submission, the following documents are attached:

- Application for Pesticide Registration (EPA Form 8570-1)
- One copy of final printed labeling

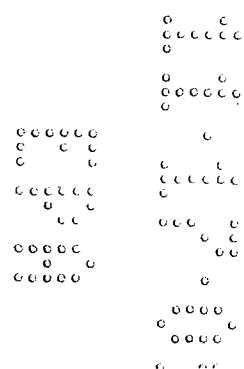
Please contact me at 919-256-9342 or by email at chitchcock@manainc.com if you have any questions regarding this submission or would like a copy of the annotated label showing the changes for your files.

Sincerely,

Christie Hitchcock
Regulatory Specialist

Enclosures

4515 Falls of Neuse Road, Suite 300, Raleigh NC 27609
T: 919.256.9305 ♦ F: 919.256.9308



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PYRINEX®

NOTIFICATION

CHLORPYRIFOS INSECTICIDE

DEC -1 2009

An Insecticide for Formulating Use Only

ACTIVE INGREDIENT:	% BY WT.
Chlorpyrifos: (0,0-diethyl 0-(3,5,6-trichloro-2-pyridinyl phosphorothioate).....	97.9%
INERT INGREDIENTS:	2.1%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN WARNING

Manufactured for:
Makhteshim Chemical Works, Ltd.
c/o Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Rd., Suite 300
Raleigh, NC 27609

EPA Reg. No.11678-58

EPA Est. No. [REDACTED]

NET CONTENTS: ___ LBS

FIRST AID	
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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 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 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.
<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 PROSAR at 1-877-250-9291 for emergency medical treatment information.</p>	
<p>NOTE TO PHYSICIAN: Pyrinex (chlorpyrifos) is a cholinesterase inhibitor. Initial measures include removal of secretions, maintenance of a patient airway, and if necessary, artificial respiration. When cyanosis is relieved, atropine may be administered in large therapeutic doses, repeated as necessary to the point of tolerance. If symptoms warrant further treatment, protopam chloride (pralidoxime chloride, 2-PAM chloride) has shown utility as adjunctive therapy. Never use morphine. Continued absorption of the poison may occur resulting in a fatal relapse after initial improvement. Very close supervision of the patient is indicated for at least 48 to 72 hours.</p>	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS WARNING

May be fatal if swallowed. May be fatal if inhaled. Harmful if absorbed through skin. Do not breathe dust. Avoid contact with skin, eyes, or clothing. Remove and wash contaminated clothing before reuse. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Handle chemical in a ventilated area.

PRECAUTIONS

Read all directions before using. Keep away from food, feedstuffs, and domestic water supplies. Keep container closed.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds and wildlife, and extremely toxic to fish, aquatic invertebrates, and bees. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. After October 1, 2000, any manufacturing-use product formulated from this product must bear EPA-approved labeling that is consistent with the terms of the June 7, 2000, memorandum of agreement between EPA and registrants of pesticide products containing chlorpyrifos. Only for formulation into an ***insecticide*** for the following uses: text in [square brackets] after each site category heading refers to the general use group as referenced in 40 CFR 158.

This product may be used to formulate products for any additional use(s) not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding support of such use(s).

A. AGRICULTURAL USES

- i) Use of this product for formulation into any end-use product bearing instructions for use on apple trees is prohibited unless the end-use product bears EPA-approved labeling prohibiting post-bloom application to apple trees.
- ii) (a) This product may only be formulated for the agricultural uses listed below if the EPA-approved labeling of the formulated product bears revised worker reentry intervals (REIs) of a duration no less than the following:
 - ❖ For all crops: 24 hours, unless specifically noted as otherwise below:
 - ❖ Cauliflower: 3 days
 - ❖ Fruit trees: 4 days
 - ❖ Citrus trees: 5 days
- (b) The end-use product labeling may include the following statement: "Certified crop advisors or persons entering under their direct supervision under certain circumstances may be exempt from the early reentry requirement pursuant to 40 CFR Part 170."
- iii) Any emulsifiable concentrate (EC) end-use product formulated from the product must be labeled as a restricted use product. All other end-use products formulated from the product must either be labeled as restricted use or packaged in containers no smaller than 15 gallons of a liquid formulation, 50 pounds of a granular formulation, or 25 pounds of any other dry formulation.

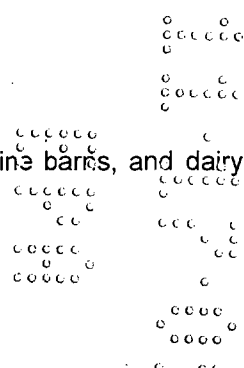
Agricultural Crops [Terrestrial Food Crop, Greenhouse Food Crop]: Alfalfa; apple (post-bloom application prohibited; only one application of any chlorpyrifos-containing product can be made per year to the lower 4 feet of the trunk); asparagus; banana; beet (sugar, garden/table, including crops grown for seed); blueberry; **Brassica (cole) leafy vegetables** (bok choy, broccoli, broccoli raab, Brussels sprouts, cabbage, cauliflower, Chinese cabbage, collards, kale, kohlrabi); caneberries; cherimoya; cherries (sour, sweet); **citrus fruits**, corn (field corn, sweet corn (including corn grown for seed)(maximum of 3 lb ai/acre/season); cotton; cranberry; cucumber; date; feijoa; fig; grape; kiwifruit; leek; **legume vegetables (succulent or dried)**, mint; nectarine; onion (dry bulb); peach; peanut; pear; pepper; plum; prune; pumpkin; radish (including crops grown for seed); rutabaga; sapote; seed and pod vegetables; sorghum (milo); strawberry; sugarcane; sunflower; sweet potato; tobacco; **tree nuts**, turnip; wheat; seed treatment.

Ornamentals - commercial production only [Commercial Terrestrial Non-Food, Commercial Greenhouse Non-Food]:

- Flowers, shrubs, evergreens, vines, shade, and flowering trees in nurseries or greenhouses only.
- Christmas trees.
- Forest tree nurseries.
- Non-bearing fruit, nut, and citrus trees.
- Commercial sod farms.
- Grass grown for seed.

Forest trees [Forestry]: Plantations, forests, seed orchards, felled trees, cut stumps.

Commercial Livestock Housing: Cattle ear tags, poultry houses, turkey barns, swine barns, and dairy barns only.



B. NON-AGRICULTURAL, NON-TERMITE CONTROL USES:

After December 1, 2000, this product may only be used to formulate an end-use pesticide product labeled for non-agricultural, non-termite control uses in accordance with the following conditions:

- i) Any emulsifiable concentrate (EC) end-use product formulated from this product must be labeled as a restricted use product. All other end-use products formulated from the product (other than containerized baits in child-resistant packaging) must either be labeled as restricted use or packaged in containers no smaller than 15 gallons of a liquid formulation or 25 pounds of a dry formulation.
- ii) The end-use product may not bear use directions for any indoor residential use (as that term is defined in 40 CFR 152.3) other than containerized baits in child-resistant packaging.
- iii) Any emulsifiable concentrate (EC) end-use product formulated from this product may not bear use directions for any indoor non-residential use. All other end-use products may not bear use directions for any indoor non-residential use other than one or more of the following uses: warehouses, ship holds, railroad boxcars, industrial plants, manufacturing plants, food processing plants, or containerized baits in child-resistant packaging.
- iv) The product may not bear use directions for any residential outdoor use other than one or more of the following public health uses: individual fire ant mound treatment or mosquito control.
- v) The product may not bear use instructions for any non-residential outdoor use other than one or more of the following uses:
 - (a) golf courses, road medians, and industrial plant sites, provided that the maximum label application rate is no greater than 1 lb/ai per acre;
 - (b) fence posts, utility poles, railroad ties, landscape timbers, logs, pallets, poles, posts

Pest Control Indoors [Indoor Residential]: Containerized ant and roach baits in child resistant packaging for indoor residential uses only.

Commercial Pest Control Indoors [Indoor Non-Residential]: Ship holds, railroad boxcars, industrial plants, manufacturing plants, food processing plants only.

Commercial Pest Control Outdoors [Terrestrial Non-Food, Non-Residential Commercial]:

- Underground utility cables and conduits.
- Turf and ornamentals in road medians; turf and ornamentals in industrial plant sites (provided the use rate is no greater than 1 lb ai/acre).
- Interior treatment of warehouses, railroad boxcars, industrial plants, manufacturing plants, food processing plants only.

Turf [Terrestrial Non-Food]: Golf course turf, turf in road medians, and turf in industrial plant sites (provided the use rate is no greater than 1 lb ai/acre).

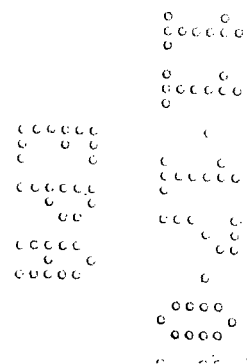
Public Health Uses Only:

- USDA Quarantine Use: soil treatment of potted, containerized, or balled and burlapped nursery stock plants in nurseries and greenhouses only.
- Public health uses to control individual fire ant mounds and for mosquito control. Mosquito control may only be applied by trained personnel of public health organizations, mosquito abatement districts, public mosquito control programs, and professional pest control operators.

C. OTHER USES: This product may be formulated into insecticide products for other uses for which the US EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration excluding any use strictly prohibited by this label.

D. EXPERIMENTAL USES: This product may be formulated into insecticide products for uses for experimental purposes that are in compliance with US EPA requirements.

E. PROHIBITED USES: All manufacturing-use and end-use products produced from this product must bear the following statement: "This product may NOT be used for formulation into manufacturing-use or end-use products for the following uses: **Aquatic Uses (Aquatic Food Crop, Aquatic Non-Food):** Any aquatic use, including mosquito larvicide, termiticide uses."



STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. Do not store above 100°F for extended periods of time. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site if approved waste handling facilities are available or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. If recycling is not available puncture or dispose of in a sanitary landfill or incineration or if allowed by state and local authorities by burning. If burned, stay out of smoke. Perforate rinsed containers, and offer for disposal in a landfill approved for pesticide containers. Do not reuse containers. Do not cut or weld container.

IN CASE OF A SPILL, FIRE, OR OTHER EMERGENCY: Isolate the spill. Hold this package, other cargo, and vehicles involved.

GENERAL: Consult Federal, state, or local disposal authorities for approved alternative procedures.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions 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 must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, 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 Makhteshim Chemical Works, Ltd. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Makhteshim Chemical Works, Ltd. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Makhteshim Chemical Works, Ltd. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Makhteshim Chemical Works, Ltd. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Makhteshim Chemical Works, Ltd.'s election, the replacement of product.

Pyrinex is a registered trademark of Makhteshim Chemical Works Ltd.

Pyrinex Chlorpyrifos Insecticide (11678-58)(EPA app 8-11-08)(notif to EPA 11-13-09)

