


11678-58

12/19/2007

1/6

 <p align="center"> U S ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave, NW Washington D C 20460 </p>	EPA Reg Number 11678 58	Date of Issuance DEC 19 2007
	Term of Issuance Unconditional	
NOTICE OF PESTICIDE — Registration <u> x </u> Reregistration (under FIFRA as amended)	Name of Pesticide Product Pyrinex Chlorpyrifos Insecticide	
Name and Address of Registrant (include ZIP Code) Maketheshim Agan of North America 4515 Falls of Neuse RD Suite 300 Raleigh, NC 27609		
<p>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</p> <p>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</p> <p>Based on your response to the Reregistration Eligibility Decision EPA has reregistered the product listed above This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide Fungicide and Rodenticide Act as amended Reregistration under this section does not eliminate the need for continual reassessment of pesticides EPA may require submission of data at any time to maintain the registration of your product</p> <p>Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency s continual reassessment of pesticides</p> <p>The labeling referred to above submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) as amended is acceptable with the following comments</p> <p>Please see page 2 for comments</p> <p>You must submit one (1) copy of the final printed label before you release the product for shipment Products shipped after 12 months from the date of this Notice or the next printing of the label whichever occurs first must bear the new revised label</p> <p>A stamped copy of the label is enclosed for your records Should you have any questions please contact Registration Review Manager, Dr Akiva Abramovitch at 703 308 8328</p>		
Signature of Approving Official Meredith F Laws Chief <i>Meredith F Laws</i> Insecticide Rodenticide Branch Registration Division (7505P)	Date DEC 19 2007	

Label Comments

- 1) Add 'Handle chemical in a ventilated area" under the Hazard to Humans and Domestic Animals subheading
- 2) On page 2 under the Agricultural Uses add after apples "post bloom application prohibited" add Only one application of any chlorpyrifos containing product can be made per year to the lower 4 feet of the trunk"
- 3) Add after corn (maximum of 3 lb ai/acre/season)
- 4 Remove 'Other' on page 3 from the title ' Other Prohibited Uses
- 5) Under Prohibited Uses include Termiticide Uses
- 6) Under Pest Control Outdoors delete public health use to control fire ant mounds since the use is already listed as Individual fire ant mound treatment for public health purpose in B Non Agricultural Non Termite Uses section v You may include containerized pots in nurseries
- 7) Add bees under the Environmental Hazards "This pesticide is toxic and extremely toxic to fish aquatic invertebrates and **bees**"
- 8) Amend the title under page 3 from Livestock Indoor Food to Commercial Live Stock Housing cattle ear tags poultry houses turkey barns swine barns and dairy barns
- 9) Remove all references to mosquito control as the label of your alternate Confidential Statement of Formula (CSF) product does not list this use
- 10) Remove "processed wood products" and "wood or wood structure protection treatment' to conform with the label of your alternate source

ACCEPTED
with COMMENTS
In EPA Letter Dated:

DEC 19 2007

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No. 11668-58

PYRINEX

CHLORPYRIFOS INSECTICIDE

Insecticide for Formulating Use Only

ACTIVE INGREDIENT

Chlorpyrifos (0 0 diethyl 0 (3 5 6 trichloro 2 pyridinyl phosphorothioate)

INERT INGREDIENTS

% BY WT

97%

3%

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN WARNING

FIRST AID

- IF SWALLOWED**
 - 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**
 - 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**
 - 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**
 - 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

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

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

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

GENERAL PRECAUTIONS

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

NET CONTENTS ___ POUNDS



Makhteshim Chemical Werks Ltd
c/o Makhteshim Agri of North America Inc
4515 Falls) Neuse Rd Suite 300
Raleigh NC 27609

EPA Reg No 11678 58
EPA Est No 11678 IS 01

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds and wildlife and extremely toxic to fish and aquatic invertebrates. 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), 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), caneberry, chenmoya, chernes (sour sweet), **citrus fruits** (including but not limited to grapefruit, lemon, orange, citrus orchard floors), corn (field corn, sweet corn (including corn grown for seeds)), cotton, cranberry, cucumber, date, feijoa, fig, grape, kiwifruit, leek, **legume vegetables (succulent or dried)** (including but not limited to snap beans, lima beans, peas, soybeans), 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** (including but not limited to almonds, filberts, pecans, walnuts, almond orchard floors), turnip, wheat, seed treatment.

Ornamentals commercial production only [Commercial Terrestrial Non Food Commercial Greenhouse Non Food]

- Soil treatment of potted, containerized, or balled and burlapped nursery stock plants in nurseries and greenhouses only.
- 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.

Livestock [Indoor food] Cattle ear tags animal housing including but not limited to poultry houses and other livestock housing (feedlots corrals stockyards holding pens and other outdoor livestock holding areas)

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) mosquito control for public health purposes
 - (c) individual fire ant mound treatment for public health purposes and
 - (d) fence posts utility poles railroad ties landscape timbers logs pallets wooden containers poles posts and processed wood products

Pest Control Indoors [Indoor Residential] Containerized baits in child resistant packaging for indoor residential uses

Pest Control Indoors [Indoor Non Residential] Food and non food areas of warehouses ship holds railroad boxcars industrial plants manufacturing plants food processing plants only

Pest Control Outdoors [Terrestrial Non Food]

Localized exterior surface treatment of warehouses railroad boxcars industrial plants manufacturing plants food processing plants only

Soil applied perimeter treatment of warehouses industrial plants manufacturing plants food processing plants only

Pest Control Outdoors [Terrestrial Non Food Domestic Outdoor]

Public health uses to control 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

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)

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)

Wood or Wood Structure Protection Treatments [Terrestrial Non Food] Spot and localized treatments

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 OTHER 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

6/6

STORAGE AND DISPOSAL

PROHIBITIONS Do not contaminate water food or feed by storage or disposal Open dumping is prohibited
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 DISPOSAL Triple rinse (or equivalent) 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 Isolate the spill Hold this package other cargo and vehicles involved Immediately
TELEPHONE (24 hour service) for emergency assistance 1 800 553 5053
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

Pynnex Chlorpyrifos Insecticide (11678 58)(to EPA 3 28 07 RED)