

11678-58

08/24/2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 M St. S.W.
Washington, D.C. 20460

EPA Reg. Number:

11678-58

Date of

08/24/00

NOTICE OF PESTICIDE:

Registration, Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Pyrinex Chlorpyrifos Insecticide

Name and Address of Registrant (include ZIP Code):

Makhteshim Chemical Works, Ltd/Makhteshim-Agan of North America
551 Fifth Ave. Suite 1100
New York, NY 10176

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.

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

A. Revise the EPA Registration Number to read, "EPA Reg. No. 11678-58".

B. The text underlined below must be included in F) 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.

C. The remaining text under F) should be deleted since it is also part of the MOA and therefore is redundant.

D. The reentry interval (REI) stated for cauliflower should be deleted.

E. "In Case of a Spill" should be moved under Storage in Storage and Disposal box.

F. General Precautions and Hazard to Humans on page 5 duplicate the Precautionary Statements on page 2 and should be deleted on page 5.

Signature of Approving Official:

Akiva Abramovitch, Ph.D.
Chemist
Insecticide-Rodenticide Branch
Registration Division (7505C)

Date: August 24, 2000

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3. Submit three copies of the final printed label for the record before you release the product for shipment.

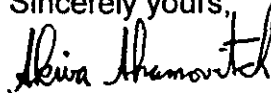
As requested in your letter of July 5, 2000, the conditions of paragraph 10 of the June 2000 Memorandum of Agreement between the Environmental Protection Agency and the signatory registrants regarding the registration of the pesticide products containing Chlorpyrifos are accepted by the Agency as conditions of the subject registration.

Failure to comply with any of the conditions of registration set forth in Paragraph 10 the MOA shall be grounds for cancellation of the affected registration(s) under FIFRA section 6(e).

If the conditions enumerated above are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "accepted with comments" is enclosed for your records.
If you have any questions please call me at (703) 308-8328.

Sincerely yours,



Akiva Abramovitch, Ph.D.

Chemist

Insecticide-Rodenticide Branch
Registration Division (7505C)

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PYRINEX

CHLORPYRIFOS INSECTICIDE

An Insecticide for Formulating Use Only

ACCEPTED WITH COMMENTS
Use EPA Letter Dated:
AUG 24 2000

ACTIVE INGREDIENT

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

% BY WT.

INERT INGREDIENTS:

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 11678-58

.....	97%
.....	3%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN WARNING

FIRST AID

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:

- 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.

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.

"Have the product container or label with you when calling a poison control center or doctor, or going for treatment".

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, 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.

NET CONTENTS: ___ POUNDS

EPA Reg. No.11678-xx
EPA Est. No.11678-IS-01

Makhteshim-Agan of North America, Inc.
551 Fifth Avenue, Suite 1100
New York, NY 10176

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
WARNING**

GENERAL PRECAUTIONS

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

HAZARDS TO HUMANS

May be fatal if swallowed. Do not take internally. Harmful if absorbed through skin. Avoid breathing vapors or spray mist. Handle concentrate in a ventilated area. Causes eye irritation. Do not get into eyes. Avoid contact with skin. Wash thoroughly after handling. Do not wear contaminated clothing. Keep away from food, feedstuffs, and water supplies.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and wildlife. 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. This product may ONLY be formulated into manufacturing-use insecticide products or end-use insecticide products 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.

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:
 - ❖ Tree nuts and sweet potatoes: 2 days
 - ❖ Fruit trees: 4 days
 - ❖ Citrus trees: 5 days
 - ❖ Cauliflower: 10 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; cherimoya; cherries (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.

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.

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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).

C) Termite control uses

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

- i) This product may not be used after December 31, 2004, to formulate any product labeled for termite control, unless prior to that date, EPA has made a written determination that pre-construction termite control use may continue.
- ii) Any end-use product formulated from this product must bear EPA-approved labeling that (a) does not include use instructions for any post-construction applications other than spot and local treatment; and (b) states this product may only be used for spot and local treatment until December 31, 2002.
- iii) Any end-use product formulated from this product must bear EPA-approved labeling with a maximum chlorpyrifos end-use dilution of 0.5% active ingredient.
- iv) Any emulsifiable concentrate (EC) end-use product formulated from this product (other than containerized baits in child-resistant packaging) 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 or 25 pounds of a dry formulation.

Wood or Wood Structure Protection Treatments [Terrestrial Non-Food]:

- Spot and localized treatments.

D) 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.

E) Experimental uses

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

F) Other prohibited uses

This product may NOT be used for formulation into manufacturing-use or end-use products for the following uses:

Pest Control Indoors (Indoor):

- Indoor broadcast use; total release foggers for indoor residential and non-residential (except greenhouse) use; coating products intended for large indoor surface areas such as floors, walls, and ceilings inside residential dwellings, offices, schools, or health care institutions including, but not limited to, houses apartments, nursing homes and patient rooms in hospitals.

Pets and Domestic Animals (Indoor):

- Animal dips, sprays, shampoos, dusts.

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Aquatic Uses (Aquatic Food Crop, Aquatic Non-Food):

- Any aquatic use, including mosquito larvicide.

Pest Control Indoors or Outdoors (Domestic Indoor or Outdoor):

- Paint additives, application in sewer manholes.

STORAGE AND DISPOSAL

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.

PROHIBITIONS

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

PESTICIDE DISPOSAL

Wastes resulting from the use of this product maybe disposed of on site, if approved waste handling facilities are available, or at an approved waste disposal facilities.

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.

GENERAL

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

IN CASE OF A SPILL

Isolate the spill. Hold this package, other cargo, and vehicles involved. Immediately TELEPHONE (24-hour service) for emergency assistance: 1-800-535-5053.

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

Hazards to Humans May be fatal if swallowed. Do not take internally. Harmful if absorbed through skin. Avoid breathing vapors or spray mist. Handle concentrate in a ventilated area. Causes eye irritation. Do not get into eyes. Avoid contact with skin. Wash thoroughly after handling. Do not wear contaminated clothing. Keep away from food, feedstuffs, and water supplies.

WARRANTY STATEMENT

MAKHTESHIM-AGAN OF NORTH AMERICA warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with 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-AGAN OF NORTH AMERICA. In no case shall MAKHTESHIM-AGAN OF NORTH AMERICA be liable for consequential, special or indirect damages resulting from the use, or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except as expressly provided herein, MAKHTESHIM-AGAN OF NORTH AMERICA makes no warranties, guarantees, or representations of any kind, either expressed 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. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at MAKHTESHIM-AGAN OF NORTH AMERICA's election, the replacement of this product.