

66222-3

1/30/2002

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RESTRICTED USE PESTICIDE

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATORS CERTIFICATION.

PYRINEX™ 4EC

ACTIVE INGREDIENT:	% BY WT.
Chlorpyrifos: 0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate	44.9%
INERT INGREDIENTS: (Contains xylene range aromatic solvent)	55.1%
	TOTAL 100.0%

Contains 4.0 pounds active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING-AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

ORGANOPHOSPHATE

- 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 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.
- 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.

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: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance 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 antidote immediately after establishing an open airway and respiration.

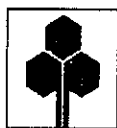
NET CONTENTS _____ GALLON(S)

ACCEPTED

JAN 30 2002

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 66222-3

EPA Reg. No. 66222-3
EPA Est. No. 11678-S-1



MAKHTESHIM
A G A N
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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING**

May be fatal if swallowed. May cause eye and skin irritation. Harmful if inhaled or if absorbed through the skin. Avoid contact with eyes, skin, or clothing. Avoid breathing vapors or spray mist. Handle concentrate in a ventilated area.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long sleeved shirt and pants
- Chemical-resistant gloves such as barrier laminate or Viton (\geq 14 mils)
- Chemical-resistant footwear plus socks
- Protective eyewear (goggles, face shield, or safety glasses with front, brow, and temple protection)
- Chemical-resistant apron when cleaning equipment, mixing, or loading
- For exposures in enclosed areas, use a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefilter.
- For exposures outdoors, use a NIOSH approved respirator with any R, P, or HE filter.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

PHYSICAL AND CHEMICAL HAZARDS

COMBUSTIBLE. Do not store or use near heat or open flame.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. 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 treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water by disposal 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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

Do not formulate this product into other end-use products.

Attention: Keep out of fish pools and other bodies of water. Do not treat vegetable gardens. Do not allow livestock to graze in treated areas. Do not feed treated grass cuttings (hay) or seed screenings to livestock nor use hay for livestock bedding.

For golf course turf, road medians, and industrial plant sites: Do not allow public use of treated areas during application or until spray has dried.

FOR GOLF COURSE TURF, ROAD MEDIANS, AND INDUSTRIAL PLANT SITES ONLY

Use PYRINEX 4EC to control the pests listed in the following table by applying at the recommended dosages and in accordance with the directions given below. Dilute PYRINEX 4EC in water and apply as a coarse, low-pressure spray using suitable application equipment. Thoroughly water immediately after treatment to wash the insecticide into the turf,

except as noted. For best results, the area to be treated should be moist at time of treatment. Spray when pests first appear; retreat as needed.

PESTS*	AMOUNT OF PYRINEX 4EC PER:	
	1000 sq.ft.	acre
Ants (including foraging fireants), Armyworms (such as Beet, Fall, Yellowstriped), Centipedes, Chiggers (1), Chinch bugs, Crickets, Cutworms, Earwigs, Fiery Skipper, Fireants (mounds)(2), Fleas, Gnats, Grasshoppers, Greenbugs, June beetles, Leafhoppers, Lucerne moths, Millipedes, Mites (such as Clover, Formula grass, Winter grain), Sod webworms (lawn moth)(3), Springtails, Sowbugs, Ticks (1)	¾ fl. oz.	1 qt.
SPECIFIC DIRECTIONS		
<ol style="list-style-type: none"> Use PYRINEX 4EC insecticide for area control of labeled pests where these pests are present and create a nuisance or a possible public health problem. Apply PYRINEX 4EC in water at the rate of ½ pint per acre (equivalent to ½ fl. oz per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer, or other suitable hand- or power-operated spray equipment. Treat low underbrush, grassy areas, weeds, and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gallons per acre. For individual fireant mounds, apply PYRINEX 4EC as a drench, diluted at the rate of 1 fl. oz. (30 ml) per 4 gallons of water. Gently sprinkle a total of 1 gallon of the diluted emulsion over the surface of each mound using a gentle spray (such as a sprinkler can). Thoroughly wet mound and surrounding areas to a 4 ft. diameter (12 sq. ft.). For best results, apply in cool weather, 65-80°F or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness. For sod webworms, delay watering and mowing the treated area for 12 to 24 hours after treatment. 		
European crane fly	1 fl. oz.	1 qt.
Turfgrass weevil (<i>Hyperodes</i>)(1)	1 ½ fl. oz.	1 qt.
SPECIFIC DIRECTIONS		
<ol style="list-style-type: none"> Spray suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service specialist. 		
White grubs (such as Black turfgrass atenius, European chafer, Southern masked chafer, and Japanese beetle larvae) (1)	1 ½ to 3 fl. oz.	1 qt.
SPECIFIC DIRECTIONS		
<ol style="list-style-type: none"> For white grubs, spray when grubs are young and actively feeding near the soil surface, usually during late July and August or as recommended by your local Agricultural Extension Service specialist. Immediately after spraying, irrigate the treated area with ½ to 1 inch of water to wash the insecticide into the underlying soil. 		
Bluegrass billbugs (1)	¾ to 3 fl. oz.	1 qt.
SPECIFIC DIRECTIONS		
<ol style="list-style-type: none"> For bluegrass billbugs, spray early in the season when adults first appear. Retreat as needed. 		

*Numbers in parentheses refer to SPECIFIC DIRECTIONS.

The maximum application rate for all uses listed above is 1 lb. active ingredient (1 qt. of formulated product) per acre.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Avoid storage at high temperatures. Protect from moisture. Avoid contamination with water, acids, or alkalis. Do not store near heat or open flame. Keep container closed. Store in original container in a locked storage area.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Or, Triple rinse (or equivalent). Then puncture and dispose in a sanitary landfill, or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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.

Pyrinex™ is a trademark of Makhteshim-Agan.