

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

Washington, D.C. 20460

NOTICE OF PESTICIDE: Registration Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

264

Date of Issuance:

51036-

Term of Issuance: Reregistration

Name of Pesticide Product:

Chlorpyrifos 2.32% Granule

Name and Address of Registrant (include ZIP Code):

Micro Flo Company P.O. Box 5948

Lakeland, Florida 33807-5948

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:

- Submit and/or cite all data required for registration/ reregistration 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.
- Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 264."
- Submit two copies of the revised final printed label for the record.

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

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Dennis H. Edwards, Jr. Product Manager (19) Insecticide-Rodenticide Branch Registration Division (7505C)

Date:

JUN 1 1 1996

### CHLORPYRIFOS 2.32% GRANULE

For effective long lasting control of Chinch Bugs, Asian Roaches, Fire Ants, Fleas, Ticks, Foraging Ants, Mole Crickets and other outdoor insects.

### ACTIVE INGREDIENT:

Chlorpyrifos (0,0,-diethyl-0-[3,5,6-trichloro-2-	
pyridyl) phosphorothioate]	2.32%
INERT INGREDIENTS	<u> 97.68%</u>
TOTAL	100.00%

For mound treatment control of imported fire ants in lawns and recreational areas.

Controls Ants (including Carpenter, Argentine & Foraging), Armyworms (Beet, Fall, Yellow-striped), Centipedes, Chinch Bugs (2), Clover Mites, Cutworms, Crickets, Earwigs, Fiery Skipper, Fleas, Grasshoppers, Greenbugs, Leafhoppers, Millipedes, Mole Crickets (4), Roaches (asian), Sod Webworms (Lawn Moth) (3), Sow Bugs, Springtails, Ticks (Brown Dog Tick) (1), Turfgrass Weevil (Hyperodes), White Grubs, European Crane Fly, Southern Chafer, Japanese Beetle, and June Beetle (Larvae), (5), Bluegrass Billbugs (6) Imported Fire Ants (7). (See numbered paragraphs for insect control). 1 lb. treats up to 1,000 sq. ft.

USE FOR CRAWLING INSECT CONTROL OUTSIDE OF HOMES, APARTMENTS, CONDOMINIUMS, WAREHOUSES, HOSPITALS, SCHOOLS, FOOD HANDLING ESTABLISHMENTS AND COMMERCIAL BUILDINGS

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

## STATEMENT OF PRACTICAL TREATMENT

<u>If Swallowed</u>: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. DO NOT induce vomiting or give anything by mouth to an unconscious or convulsing person. Get medical attention.

If in eyes: Flush eyes with plenty of water.

<u>If on skin</u>: In case of contact, remove contaminated clothing and wash affected area with soap and water.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote only by injection.

EPA Reg. No. 51036-appl.

EPA Est. No. 51036-GA-1,,,,

ACCEPTED
with COMMENTS
in EPA Letter Dated

Manufactured By:
MICRO FLO CO.
P.O. Box 5948
Lakeland, FL 33807

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the posticide registered under EPA Res. No.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

May be harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Wash thoroughly after handling and before eating or smoking. Wash contaminated clothing before reuse. Keep away from food, feed-stuffs, and water supplies. Keep children and pets off treated areas until this material is washed into the soil and the grass is dry.

### ENVIRONMENTAL HAZARDS

This product is 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. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters. Use only as directed.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### STORAGE AND DISPOSAL

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

STORAGE: Store product in its original labeled container in a cool, dry locked place out of reach of children.

PRETICIPE DISPOSAL: Wastes regulting form the use of this product.

<u>PESTICIDE DISPOSAL</u>: Wastes resulting form the use of this product maybe disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

HOUSEHOLD: Do not re-use empty container. Wrap container and put in trash.

### SPECIFIC DIRECTIONS

The following numbered paragraphs correspond to numbers in parenthesis (x) on the front panel following the insect names. Insects not numbered may be controlled by following the GENERAL DIRECTIONS. Repeat treatments as needed for control.

# (1) BROWN DOG TICKS, & FLEAS

Use 0.5 lb./500 sq.ft. (1.0 lb./1,000 sq.ft.) for area control of these insects, infesting non-crop land areas such as roadsides, footpaths, and trails, picnic and camping sites, parks, and other recreational areas where these pests are present and create a nuisance or a possible public health problem. DO NOT allow public use of treated area during applications. For Fleas (out-of-doors; only) treat sleeping quarters and other areas frequenced by pets such as beneath porches and along fencing.

2

(2) CHINCH BUGS

Apply 1.0 lb./750 to 1,000 sq.ft. (50 to 65 lb./Acre) when insects appear and/or their damage is imminent. To prevent damage apply as soon as daily temperatures reach 80°F and repeat every 2 months. Use lower rate as preventive treatment or for light infestations; the higher rate when insects are present in large numbers and turf is being damaged.

### (3) SOD WEBWORMS

For <u>Sod Webworms</u>, delay watering or mowing the treated area for 12 to 24 hours after treatment. Treat in the spring or when insects first appear troublesome. Additional treatments at 30 day intervals may be needed for new infestations. Apply at rate of 1.0 lbs. per 1,000 sq. ft.

(4) MOLE CRICKETS

Use 2.0 lbs. per 1,000 sq. ft. Treat suspected problem areas when insects become a problem or as recommended by your local Ag. Extension Service Specialist.

The Best Time to Control Adult Mole Crickets

	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC
1.			1				]		. <u>-</u>			
2.		1	•									
		•						•				

1. Indicates egg laying time. 2. Best time to control Crickets

(5) WHITE GRUBS; CRANE FLY LARVAE

To control White Grubs, Black Turfgrass Ataenius, European Crane Fly, Southern Masked Chafer, Japanese Beetle and June Beetle Larvae), use 2.0 lbs. to treat 1,000 sq.ft. To improve efficacy apply enough water to thoroughly wash the insecticide into the turf. For best results remove thatch first and treat when grubs are young and actively feeding near the soil surface, usually during late July & August. Consult your local Agricultural Extension Service Specialist for best time to treat.

European Crane Fly Larvae will be controlled using 1.5 lbs. per 1,000 sq. ft. or will be controlled simultaneously with the same application being applied for control of "White Grubs", i.e., (2.0 lbs./1,000 sq.ft.) Consult your Agricultural agent for proper time to apply. For best results, first remove thatch. Water the granules into the soil.

(6) BLUEGRASS BILLBUGS

Use 2.0 lbs./1,000 sq. ft. for <u>Bluegrass Billbugs</u>. To improve control apply enough water to wash granules into soil where insects are feeding.

(7) IMPORTED FIRE ANT CONTROL

MOUND TREATMENT - For treatment of Fire Ant mounds occurring in lawns, turf and premise areas, treat individual ant mounds measuring from 3 to 12 inches in diameter by applying 1/2 tablespoon of granules evenly in a circle around the outer edges (1 to 2 feet from the center) of the mound. Finish the treatment by applying 1 tablespoon sprinkled evenly over the center of the mound. After application of the granules, gently sprinkle the treated area with a minimum of 1 quart of water per 6 inches of mound diameter. Apply in cool weather 65 to 80 degrees F) or in early morning or late evening. Best results will be obtained if mound is not disturbed after treatment thus allowing ants to come and go and to be exposed to the insecticide. Repeat treatments as needed for additional control but not more than once every 7 days.

GENERAL DIRECTIONS FOR USE ON LAWNS, GOLF COURSES AND ALL OTHER ORNAMENTAL AND RECREATIONAL TURF.

Apply Chlorpyrifos 2.32% Granule uniformly to home lawns, golf courses, and other ornamental and recreational turf and non-cropland areas of using any hand or power operated type spreader designed for application of granules. Treat when insects first appear at the rate of 1.0 lbs./1,000 sq. ft. (50 lbs./Acre) for Surface insects. Increase this rate as indicated for control of certain Soil insects under SPECIFIC DIRECTIONS. For best efficacy sprinkle the turf with water to move the granules into the zone of insect infestation. Repeat treatment as necessary. Observe Watering limitation in paragraph for No. (3) Sod Webworms

### RATE TO USE FOR SURFACE INSECTS

For control of Ants (as listed on front panel), Armyworms (Beet, Fall, Yellowstriped), Centipedes, Chinch Bugs, Clover Mites, Cutworms, Crickets Earwigs, Fiery Skipper, Fleas, Grasshoppers, Greenbugs, Leafhoppers, Millipedes, Sod Webworms (Lawn Moth), Sowbugs, Springtails, and Ticks (Brown Dog Tick) use 1.0 lbs./1,000 sq. ft.

### FOR SOIL FEEDING INSECTS

Refer to SPECIFIC DIRECTIONS paragraphs; (4), (5), and (6) in for rates to control the listed turf insects which feed below the soil surface. When using a spreader, calibrate with each application by accurately weighing a few pounds into the spreader and apply to a measured area. Adjust spreader setting in order to assure the correct rate of application.

NOTE: The age, condition of spreader and operator speed can cause a wide variation of rates.



# COMPANY 57227 NUMBER 57227

PRODUCT SERIAL NO.

LABEL
APPROVAL 4-96
DATE