

NOV 30 1995

Mr. Lee Tharrington
Micro Flo Company
P.O. Box 5948
Lakeland, Florida 33807

Dear Mr. Tharrington:

Subject: Product Name Change, Amended Labeling
Mole Cricket Bait
EPA Registration No. 51036-117
Your Application Dated October 9, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, subject to the comment listed below.

- Revise the Environmental Hazards section in accordance with PR Notice 93-3. Immediately after the statement "Do not apply directly to water," add "or to areas where surface water is present or to intertidal areas below the mean high water mark."

With this letter we are also notifying you of our acceptance of the product name change. The name "Chlorpyrifos 1/2% Bait" is now assigned to this registration and our files will be updated to reflect the new name.

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

Sincerely,

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

Enclosure

CHLORPYRIFOS 1/2% BAIT
ORGANOPHOSPHATE

ACTIVE INGREDIENT:

Chlorpyrifos (O,O-diethyl 0-(3,5,6-trichloro-2-pyridinyl) phosphorothioate.....	0.5%
INERT INGREDIENTS:	99.5%
TOTAL.....	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

Organophosphate

IF SWALLOWED: Call a physician immediately. Induce vomiting by touching back of throat with finger. Give 1 or 2 glasses of water. Contains an aromatic petroleum solvent. Do not give anything by mouth to an unconscious person.

IF IN EYES: Flush with water. Call a physician.

IF ON SKIN: Remove contaminated clothing and immediately wash skin with soap and water.

This product is an organophosphorus ester that inhibits cholinesterase.

See Additional Precautionary Statements Inside

EPA Reg. No. 51036-117

EPA Est. No. 51036-GA-1

ACCEPTED
with COMMENTS
EPA/DOH/FLA

Manufactured By
MICRO FLO COMPANY
P.O. BOX 5948
LAKELAND, FLORIDA 33807

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

CAUTION

May be harmful if swallowed. Do not take internally. Avoid contact with eyes, skin, and clothing. Avoid breathing dusts. Keep away from feed, foodstuffs and water supplies.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree 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 antidotes immediately after establishing an open airway and respiration.

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PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish, birds, and other wildlife. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water when disposing of equipment washwater.

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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water, is:

1. Coveralls
2. Waterproof gloves
3. Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides [40 CFR Part 170]. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep children, pets and other unprotected persons out of treated areas until dusts have settled or the bait is thoroughly watered in and the turf is dry.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal
 STORAGE: ~~Storage below 23 degrees F may result in formation of crystals. If product crystallizes out of solution, store at 72 degrees F to 90 degrees F and agitate to redissolve crystals.~~
 Store in original container in a cool, dry place.

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: 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.

USE DIRECTIONS

CONTROLS CHINCH BUGS, SOD WEBWORMS (LAWN MOTHS), ANTS, BROWN DOG TICKS, FIELD CRICKETS, MOLE CRICKETS, CUTWORMS, EARWIGS, SOWBUGS (PILLBUGS) CERTAIN WHITE GRUBS* AND HYPERODES (TURFGRASS) WEEVILS** INFESTING HOME LAWNS AND OTHER ORNAMENTAL TURF AREAS.

Apply Chlorpyrifos 1/2% Bait uniformly to home lawns and other ornamental and recreational turf grass areas using any hand or power operated gravity or rotary type spreader designed for application of granular materials. Treat when insects first appear using Chlorpyrifos 1/2% Bait at the rate of 200 pounds per acre. To help obtain uniform distribution, apply 1/2 the required amount of product in one direction; then apply the balance at a right

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angle. For control of chinch bugs, sod webworms (lawn moths), cutworms, earwigs, sowbugs (pillbugs), certain white grubs*, and Hyperodes (turfgrass) weevils** immediately after application sprinkle the turf with 1300 gallons of water per acre so as to wash the granules into the zone of insect infestation. Consult the following table to determine amounts of Chlorpyrifos 1/2% Bait and water needed for smaller sized areas. Repeat as necessary.

RATES TO USE

Area to be Treated	Pounds of Chlorpyrifos 1/2% Bait	Gallons of Water to Sprinkle on Turf after Treatment***
1000 sq. ft.	5	30
5000 sq. ft.	25	150
10700 sq. ft.	50	325

*To control certain white grubs (larvae of European chafer and Japanese beetle) use two to four times the amounts of Chlorpyrifos 1/2% Bait shown in the table, i.e. 10 to 20 pounds per 1,000 sq. ft. Apply the granules uniformly over the area treated followed immediately by thorough watering to wash the insecticide into the turf. For best results treat when grubs are young and actively feeding near the soil surface, usually during late July and August. Consult your local Agricultural Extension Service specialist for proper time to treat in your area.

**To control Hyperodes (turfgrass) weevils use twice the rate of Chlorpyrifos 1/2% Bait shown in the table. Treat suspected problem areas in mid-April and again in mid-May. Consult your local Agricultural Extension Service specialist for best time to treat in your area.

***Water in bait for control of chinch bugs, sod webworms (lawn moths), cutworms, earwigs, sowbugs (pillbugs), certain white grubs*, and Hyperodes weevils**.

~~CONDITIONS OF SALE~~

~~All statements concerning the use of this product apply only when used as directed.~~

~~THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL.~~

~~Read all directions carefully.~~

BEST AVAILABLE COPY

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MICRO FLO WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSE STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS FOR USE. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY 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 MICRO FLO. IN NO CASE SHALL MICRO FLO BE LIABLE FOR THE CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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