

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

October 23, 2000

Matthew Talley  
Federal Registration Specialist  
Micro Flo Company  
P.O. Box 772099  
Memphis, TN 38117-2099

Subject: Chlorpyrifos MOU dated June 7, 2000  
Chlorpyrifos 1% Bait  
EPA Reg No.: 51036-153  
Submission Dated: August 9, 2000

Dear Mr. Talley:

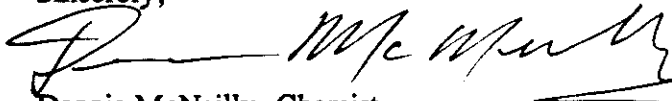
The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable, provided you incorporate the Agency's conditions as enumerated in this letter and submit one copy of your final printed label prior to releasing the product for shipment.

1. A statement of net content (i.e. Net Weight: 50 lbs) must appear on the label. Provided the retail size of your product is 50 lbs the phrase "restricted use pesticide" is not required on the product label.
2. You must delete field crickets from the front panel of the label because this pest was originally listed under flower beds, a use that was deleted in your July 5, 2000 submission. Mole crickets may remain on the label.
3. As noted in our August 1, 2000 letter, the front panel of the label must be revised to state for "application to the soil surface of golf course turf and sod farm turf only."

The conditions of paragraph 5 of the June 2000 Memorandum of Agreement apply to this label amendment, specifically this amended label is effective Dec 1, 2000. 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). Submit one copy of the revised final printed label before releasing the product for shipment. If the conditions enumerated above are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e).

A stamped copy of the label is enclosed for your records. If you have questions, please contact me at (703) 308-6742 or electronically at [McNeilly.Dennis@EPA.gov](mailto:McNeilly.Dennis@EPA.gov). You may also contact Judy Loranger at (703)-308-8056 if you have specific questions regarding this letter.

Sincerely,



Dennis McNeilly, Chemist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure: stamped label

CHLORPYRIFOS 1% BAIT  
ORGANOPHOSPHATE

A Ready To Use Insecticidal Bait For Application To The Soil Surface Of ~~Flower And Shrub Beds, Lawns, Golf Courses And Sod Farms~~ And Other Ornamental Turf For Control Of Field and ~~Mole Crickets~~ Certain Insects As Listed Which May Feed Upon This ~~Insecticidal~~ Bait

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
OCT 23 2000

~~Ants, Sow Bugs, Field Crickets, Mole Crickets, Cutworms, Earwigs, And Darkling Beetles~~

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

51036-153

ACTIVE INGREDIENT:	
Chlorpyrifos (0,0-Diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate) .....	1.00%
INERT INGREDIENTS: .....	99.00%
TOTAL .....	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION  
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 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 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 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 further treatment advice.

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.

EPA Reg. No. 51036-153

EPA Est. No. 51036-GA-1

Manufactured By:  
MICRO FLO COMPANY  
P.O. BOX 772099  
MEMPHIS, TN 38117

PRECAUTIONARY STATEMENTS  
Hazards To Humans And Domestic Animals

CAUTION

May be harmful if swallowed. Do not take internally. Avoid eye and skin contact. Keep away from food, feedstuffs, and domestic water supplies.

NOTE TO PHYSICIAN - Active Ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact:

- (800) 424-9300 CHEMTREC (transportation and spills)
- (800) 900-4044 Poison Control Center (human health)
- (800) 345-4735 ASPCA (animal health)

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 toxic to pets, birds, fish and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to 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

contaminate water when cleaning equipment or disposing of equipment washwaters.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Disposal - Do not reuse container. Wrap container and put in trash collection.

#### 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~~ 24 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.

~~AS A BAIT APPLIED TO THE SOIL OF FLOWER BEDS~~ - For the control of ants, sow bugs, field and mole crickets, cutworms, earwigs, and darkling beetles, apply this product at the rate of 2-1/4 pounds to cover 1,000 square feet. Sprinkle over the soil area uniformly in areas where these insects are seen or are feeding. Replace bait as needed for continued control. Apply approximately 100 pounds per acre. Apply in late afternoon when the soil is moist.

MOLE CRICKETS IN LAWNS, GOLF COURSES TURF AND SOD FARM TURF ONLY. ~~OTHER ORNAMENTAL TURF~~ - For control of mole crickets apply this granule product at the rate of 100 pounds per acre or 2-1/4 pounds per 1,000 sq. ft. Spread evenly over the area using a mechanical spreader. Apply in late afternoon on moist soil in areas known to be infested with these insects. Repeat application in about one week for best control.

The best time to control the Southern Mole Cricket:  
March through August - egg laying time  
February through September - adult mole crickets.

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.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, MICRO FLO MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESS 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.

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