MICRO FLO CHLORPYRIFOS 4E L.O. INSECTICIDE

Controls Numerous Pests In And Around Households

To Be Applied Only by or Under the Direct Supervision of Commercial Applicators Responsible for Insect Control Programs.

ACTIVE INGREDIENT:

Contains 4 pounds of chlorpyrifos per gallon. *Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este protucto hasta que le etiqueta haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician immediately. Do not induce vomiting. Contains an aromatic petroleum solvent. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. If unconscious, apply artificial respiration. Call a physician if symptoms of cholinesterase inhibition appear.

IF IN EYES: Flush with water for 15 minutes. Call a physician.

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

See Side Panels For Additional Precautionary Statements

EPA Reg. No. 51036-118

EPA Est. No. 51036,-GA-1

OCT | 1998 Under the Federal Insecticide, Functional, and Rederal Insecticide Act, an amended, for the posticide

regulered under PA Reg. No. 57034 Manufactured By
MICRO FLO COMPANY
P.O. Box 5948
Lakeland, FL 33807

PRECAUTIONARY STATEMENTS Hazards To Humans And Domestic Animals

WARNING

May be fatal if swallowed. May be fatal if absorbed through skin or clothing. Do not get in eyes, on skin or clothing. Avoid breathing of vapors. Wash thoroughly after handling. Do not wear contaminated clothing. Keep away from food, feedstuffs and water supplies.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests amy 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.

ENVIRONMENTAL HAZARDS

This pesticide is extremely 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. 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 cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

COMBUSTIBLE: Do not use or store near heat or open flame. Do not cut or weld container.

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: Storage below 23°F may result in formation of crystals. If product crystallizes out of solution, store at 72°F to 900F and agitate to redissolve crystals.

PESTICIDE DISPOSAL: Pesticide wastes ar 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 incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.,,,

DO NOT FORMULATE THIS PRODUCT INTO OTHER END-USE PRODUCTS.

Do not tank mix this product with dichlorvos (DDVP) containing products. Can be tank-mixed with methoprene or pyrethrin-containing products.

PEST INDOORS

General Information: Use Chlorpyrifos 4E to control the pests indicated in the areas listed below by application as a 0.25% or 0.5% chlorpyrifos spray. Use the 0.25% spray to control light infestations and the 0.5% spray to quickly reduce heavy infestations or as directed. To prepare the spray, dilute Chlorpyrifos 4E with water. Repeat the treatment as needed.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired			yrifos 4E to 0.50% spray	Use
Water-base spray	fl oz	ml	fl oz	m1
1.	2/3	20	1 1/3	40
2	1 1/3	40	2 2/3	80
3	2	60	4	120

*Note: 1 fluid ounce = 2 tablespoonfuls = 6 teaspoonfuls

APPLICATION WITHIN FOOD HANDLING ESTABLISHMENTS (PLACES OTHER THAN PRIVATE RESIDENCES IN WHICH FOOD IS HELD, PROCESSED, PREPARED OR SERVED) INCLUDING, BUT NOT LIMITED TO, RESTAURANTS, GROCERY STORES, BAKERIES, BOTTLING PLANTS, CANNERIES, AND GRAIN MILLS: Use as a spot treatment in and around both food and nonfood areas to control cockroaches (including strains resistant to certain other insecticides, ants, crickets, firebrats, silverfish, spiders, and stored product insects such as confused flour beetles. saw-toothed grain beetles, Indian meal moths, rice weevils, Mediterranean flour moths, and red flour beetles. Apply as a coarse, low pressure (20 psi or less) spray to localized areas. Do not introduce the spray into the air or allow the spray to contact food or food-contacting surfaces. Areas treated may include dark corners of rooms and closets; along and behind baseboards; beneath and behind stoves, refrigeration units and similar food preparation areas and equipment; floor drains; and around plumbing and other utility installations. For ants apply to ant trails and wherever these pests may find entrance.

Spot treatment may include crack and crevice treatment by applying small amounts of material directly into openings leading to voids and hollow spaces in walls and on and around equipment; legs, and bases of equipment. Equipment capable of delivering, a, pin stream of insecticide should be used. Repeat treatment as needed but not

more often than once every 7 days in restaurants and similar food service establishments or more often than once every 14 days in other types of food handling establishments. In case of emergency (call back) Chlorpyrifos 4E may be applied after 2 days from the last treatment, but emergency use should be limited to once per month.

APPLICATION OF THIS PRODUCT IN FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A SPOT AND/OR CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

APPLICATION WITHIN RESIDENTIAL BUILDINGS INCLUDING HOMES AND APARTMENT BUILDINGS AND WITHIN MAUSOLEUMS AND NONFOOD AREAS OF INDUSTRIAL, INSTITUTIONAL, AND COMMERCIAL BUILDINGS INCLUDING HOSPITALS, STORES, MANUFACTURING PLANTS AND WAREHOUSES:

FOR SPOT TREATMENT ONLY - Apply as a coarse spray or with a paint brush to localized areas where cockroaches (including strains resistant to certain other insecticides), ants, clover mites, crickets, firebrats, silverfish, and spiders are found or normally occur including dark corners of rooms and closets; cracks and crevices in walls; along and behind baseboards; beneath other utility installations. For ants apply to ant trails - also around doors and windows and wherever else these pests may find entrance. For clover mites use a 0.5% spray only. Note: A period of 4 to 7 days is normally required for maximum effect on cockroaches.

FOR CONTROL OF CARPET BEETLES - Thoroughly apply a 0.5% spray as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs and furniture, in closets and on shelving, and wherever else these insects are seen or suspected.

FOR CONTROL OF BROWN DOG TICKS - Thoroughly apply a 0.5% spray as a spot treatment to infested areas such as pet beds and resting quarters, nearby cracks and crevices; along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment of pet areas. Additionally, treat pets with a product registered for use on pets.

DO NOT TREAT PETS WITH THIS PRODUCT.

FOR CONTROL OF FLEAS Thoroughly apply a fine particle broadcast spray of 0.25% to infested rugs, carpets, pet beds and pet resting areas. A 0.5% dilution can be used to control heavy infestations or for extended residual control. USE ONE CALLON OF DILUTED SPRAY PER 1,600 EQUARE FEET. Cover aquaria and fish bowls and northly birds such as canaries from area prior to treating. Other than applicator, treated areas should be vacated during application. DO NOT PERMIT HUMANS OR PETS TO CONTACT TREATED SURFACES, UNTILL, THE SPRAY HAS DRIED. Old pet bedding should be replaced with fresh,

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eleam bedding after treatment. Do not treat pets with this product. To control the source of flea infestation, pets inhabiting the treated premises should be treated with a product registered for application to animals.

WOOD INFESTING INSECTS

GENERAL INFORMATION: Wear suitable protective clothing when using or handling this product to help avoid exposure to eyes and skin. As a minimum, chemical worker's goggles, protective head covering, neoprene or natural rubber gloves and footwear, a long-sleeved shirt and long-legged pants or coveralls are recommended. To avoid breathing spray mist during application in confined areas, wear a mask or respirator of a type recommended by NIOSH for filtering spray mists and organic vapors. When spraying overhead interior areas of homes, apartment buildings, etc. to the point of runoff, cover all surfaces below the area being sprayed with plastic sheeting or other material which could be disposed of by placing in trash if contamination from dripping occurs.

Do not permit humans or pets to contact treated surfaces until spray has dried.

DOSAGE AND MIXING INSTRUCTIONS: To prepare a 0.5% aqueous emulsion containing 0.5% chlorpyrifos, add 1 1/3 fl oz (40 ml) of chlorpyrifos 4E to every gallon of final spray mixture desired. To prepare a 1.1% emulsion add 2 2/3 fl oz (80 ml) of product per gallon of spray.

To control wood infesting insects such as: powderpost beetles (Lyctidae), false powderpost beetles (Bostrichidae), deathwatch beetles (anobiidae), old house borers (Cerambycidae) and ambrosia beetles (Scolytidae), in homes and other structures, apply an emulsion containing 0.5% to 1.0% chlorpyrifos. For treatment of small areas, apply by brushing the emulsion evenly on wood surfaces. For large or overhead areas, apply as a coarse spray to the point of run-off.

FOR CONTROL OF CARPENTER ANTS in homes and other structures, apply a solution containing 0.5% chlorpyrifos around doors and windows and other places where carpenter ants enter the premises and where they crawl and hide. Also spray into cracks and crevices or through openings in small newly drilled holes into wall voids where these ants or their nests are present. Use a sufficient amount of coarse spray to cover the area to the point of run-off.

FOR CONTROL OF TERMITES (localized areas in structures), apply a 0.5% solution to voids and channels in damaged wood and in spaces between wooden members of a structure and between, wood and foundations where infestation is likely to occur. Application, may be made to inaccessible areas by drilling and then imjecting the solution. Use a sufficient amount of coarse spray to cover the

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area to the point of fun-off. Treatment of localized areas is intended to kill workers and winged reproductive forms of termites in the treated areas and to prevent infestations for a temporary period. The type of application is not intended to be a substitute for soil treatment or mechanical alteration to control subterranean termites.

ATTENTION (PEST INDOORS): Do not apply water based sprays of this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do not use in poultry houses or other animal buildings. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls (tanks) before spraying.

PERIMETER TREATMENT AND PESTS ON OUTSIDE SURFACES OF BUILDINGS: Use Chlorpyrifos 4E at the rate of 4 fl oz per 3 gallons of water (0.5% chlorpyrifos emulsion) to control ants, clover mites, cockroaches, crickets, earwigs, fleas, flies, millipedes, mosquitoes, sowbugs (pillbugs), spiders, and ticks by application as a residual spray or with a paint brush to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact flowering plants because of possible injury. Repeat treatment as needed to maintain effectiveness.

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs, millipedes, and sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 8 ounces of Chlorpyrifos 4E per 100 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1000 sq ft to thoroughly and uniformly wet the band area.

CONDITIONS OF SALE

All statements concerning the sue 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.