

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (77-347) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 39497-11	DATE OF ISSUANCE 11/5/82
	TERM OF ISSUANCE Indefinite	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT ...	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) Mr. Walter R. Albert PJC Corporation 115 Harvester Ct. Wheeling, W. Va. 26000		
NOTE: Changes in labeling formula 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 U.S. 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.		
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.		
Registration is in no way to be construed as an endorsement or approval of this product by this 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)(D) provided that you:		
<ol style="list-style-type: none"> 1. 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. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 39497-11." b. Your Confidential Statement of Formula must state that your product is a repackaging of Pyrethrin Insecticide for use as... 3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-19 Enclosure for a further description of final printed labeling. 		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

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

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

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure



Earliest Endive
Apply to the soil around the plants.

Belgian Squash
Apply to the soil around the plants.

Mushroom Finches
Apply to the soil around the plants.

Onions
Apply to the soil around the plants.

Peas
Apply to the soil around the plants.

Peppers
Apply to the soil around the plants.

Potatoes
Apply to the soil around the plants.

Radishes, Parsnips, Turnips
Apply to the soil around the plants.

Spinach, Lettuce
Apply to the soil around the plants.

Cornish
Apply to the soil around the plants.

Sweet Corn
Apply to the soil around the plants.

Tomatoes
Apply to the soil around the plants.

Watercress
Apply to the soil around the plants.

VEGETABLE SOIL INSECTS

Cutworms	Grasshoppers	Leafhoppers	Colorado Potato Beetles
Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles
Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles
Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles
Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles

Garden Symphyla

Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles
Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles
Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles

Maize Crickets

Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles
Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles
Colorado Potato Beetles	Colorado Potato Beetles	Colorado Potato Beetles

Green Maggots

Root Maggots

Wireworms

Southern Potato Wireworms

DIAZINON AG500 INSECTICIDE

For Control Of Certain Insects On Fruits, Nuts, Vegetables And Ornamentals
For Agricultural Use Only

ACTIVE INGREDIENTS

INERT INGREDIENTS

TOTAL

Keep Out Of Reach Of Children

WARNING

See additional precautionary statements on side panel

Statement of Practical Treatment

If swallowed, induce vomiting. Do not use ipecac. If vomited, do not repeat. If inhaled, get to fresh air. If on skin, wash with soap and water. If in eyes, flush with water for 15 minutes.

Note to Physician: Diazinon is a cholinesterase inhibitor. Antidote: atropine and 2-PAM.

EPA Reg. No. 19-149
EPA Est. No. 70-KY-1

NET CONTENTS 5 GALLONS

Manufactured by
RIGO COMPANY
BUCKNER, KENTUCKY 40010

FIELD AND FORECAST INSECTS

Unusually early and heavy rains in the field... (text continues)

Alabama, Georgia... (text continues)

Arkansas... (text continues)

California... (text continues)

Colorado... (text continues)

Florida... (text continues)

Illinois... (text continues)

Indiana... (text continues)

Iowa... (text continues)

Kentucky... (text continues)

Michigan... (text continues)

Minnesota... (text continues)

Mississippi... (text continues)

Missouri... (text continues)

Nebraska... (text continues)

Nevada... (text continues)

New York... (text continues)

North Carolina... (text continues)

Ohio... (text continues)

Oklahoma... (text continues)

Pennsylvania... (text continues)

Rhode Island... (text continues)

Tennessee... (text continues)

Texas... (text continues)

Virginia... (text continues)

Washington... (text continues)

West Virginia... (text continues)

Wisconsin... (text continues)

Wyoming... (text continues)

Alabama... (text continues)

Arkansas... (text continues)

California... (text continues)

Colorado... (text continues)

Florida... (text continues)

Illinois... (text continues)

Indiana... (text continues)

Iowa... (text continues)

Kentucky... (text continues)

Michigan... (text continues)

Minnesota... (text continues)

Mississippi... (text continues)

Missouri... (text continues)

Nebraska... (text continues)

Nevada... (text continues)

New York... (text continues)

North Carolina... (text continues)

Ohio... (text continues)

Oklahoma... (text continues)

Pennsylvania... (text continues)

Rhode Island... (text continues)

Tennessee... (text continues)

Texas... (text continues)

Virginia... (text continues)

Washington... (text continues)

West Virginia... (text continues)

Wisconsin... (text continues)

Wyoming... (text continues)

Alabama... (text continues)

Arkansas... (text continues)

California... (text continues)

Colorado... (text continues)

Florida... (text continues)

Illinois... (text continues)

Indiana... (text continues)

Iowa... (text continues)

Kentucky... (text continues)

Michigan... (text continues)

Minnesota... (text continues)

Mississippi... (text continues)

Missouri... (text continues)

Nebraska... (text continues)

Nevada... (text continues)

New York... (text continues)

North Carolina... (text continues)

Ohio... (text continues)

Oklahoma... (text continues)

Pennsylvania... (text continues)

Rhode Island... (text continues)

Tennessee... (text continues)

Texas... (text continues)

Virginia... (text continues)

Washington... (text continues)

West Virginia... (text continues)

Wisconsin... (text continues)

Wyoming... (text continues)



AQUADUOIL

Residual Insecticide
For Professional Use Only.
To be applied only by or under the supervision of Pest Control Operators, Mosquito Abatement Districts, Public Health Organizations and other Trained Personnel responsible for such Control Programs.

Controls numerous insect pests in or on Households, Food Processing Plants, Factories, Warehouses, Institutions, Trucks, Railroad Cars, Turf, Ornamental Plants, Mosquito Control and Area Control of Ticks. Provides quick knockdown and flushing of Pyrethrins along with the residual effects of Chlorpyrifos.

ACTIVE INGREDIENTS:

Pyrethrins	3.33%
Piperonyl Butoxide, Technical	18.64%
Petroleum Distillate	13.32%
Chlorpyrifos O, O-Diethyl O-(3, 5, 6-Trichloro-2-pyridyl) phosphorothioate	31.59%
Aromatic Petroleum Derivative Solvent	27.64%
INERT INGREDIENTS	7.08%
	100.00%

*Equivalent to 13.31% (butylcarbityl) (8-propylpiperonyl) ethyl and to 3.33% related compounds.

KEEP OUT OF REACH OF CHILDREN WARNING

See Back Panels For Additional Precautionary Statements

DOSEAGE AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

Pests Controlled	Amount of this product in Water to Make		
	3 gallons	10 gallons	100 gallons
Aphids			
Bagworms			
Greenoppers	1/3 fl. oz.	1-1/8 fl. oz.	12-1/2 fl. oz.**
Mites			
Spittlebugs			
Whiteflies			
Cutworms			
Mealybugs	2/3 fl. oz.	2-1/2 fl. oz.	23 fl. oz.**
Leafhoppers			
Thrips (exposed)			

*Equivalent to 4 ounces of chlorpyrifos per 100 gallons
**Equivalent to 8 ounces of chlorpyrifos per 100 gallons

Note: Mosquitoes coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions.

WARNING (LAWN AND ORNAMENTAL PLANT PESTS):

Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fishpools and other bodies of water. Fish may be killed if their waters are contaminated with this product. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

Area control of Ticks: Use this product to control ticks 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 possible health hazard. Apply this product in water at the rate of 24 fl. oz. per acre (equivalent to 1 1/2 fl. oz. per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer or other suitable hand or power spray equipment. Treat low underbrush, grassy areas, weeds, ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gallons per acre.

WARNING (AREA CONTROL OF TICKS):

Do not allow public use of treated areas during application or until spray has dried. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff into lakes, streams, ponds, or other bodies of water is likely to occur. Fish and crustaceans may be killed if their waters are contaminated with this product.

MOSQUITOES:

Apply this product to mosquito infested non-crop areas according to the conditions and rates shown in the following table. Mix this product with either water or oil, such as Kerosene or No. 2 fuel oil, using sufficient spray volume to give uniform coverage of area treated. Apply the spray using suitable application equipment such as hand and power ground sprayers, mist applicators and aerial spray equipment.

CONDITIONS AND RATES TO USE FOR MOSQUITO CONTROL

Condition of Area To Be Treated	Concentrate Product (fl. oz.)	Amount to Use Per Acre	
		Chlorpyrifos (pounds)	Number of Acres which 1 Gallon of Concentrate Will Treat
Larvae Control None to medium vegetative cover	2-5 to 1-1/3	0.0125 to 0.0250	160 to 80
Medium to heavy vegetative cover	1-1/3 to 2-2/3	0.025 to 0.050*	80 to 40
Adult Control Light to medium vegetative cover	1-1/3	0.025	80
Medium to heavy vegetative cover	2-2/3	0.050*	40

*The higher dosage will also give the faster knockdown and longer residual control where there is little or no vegetative cover.

WARNING (MOSQUITO CONTROL):

This product is toxic to shrimp, crabs, and fish. Do not apply to water containing crustaceans and fish. Consult your State Fish and Game Department before using this product for mosquito control.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING
May be fatal if swallowed. May be absorbed through skin. May be irritating to eyes and skin. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling, and before eating or smoking. Avoid breathing vapors and spray mist. Do not spray food crops. Keep away from food, feedstuffs and domestic water supplies.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician immediately.

If On Skin: In case of contact, remove contaminated clothing and immediately flush skin with soap and water. Wash contaminated clothing and immediately flush skin with soap and water. Wash contaminated clothing before reuse.

If In Eyes: Flush eyes with plenty of water for 15 minutes. Call a physician.

NOTE TO PHYSICIAN:

Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and wildlife. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply where weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is highly toxic to bees exposed to direct treatment of residue on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

CHEMICAL HAZARDS

Do not use or store near heat or open flame.

Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State and local procedures.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

BATCH

NET CONTENTS

BEST DOCUMENT AVAILABLE

89497-11

E.P.A. Reg. No. 2311-
E.P.A. Est. No. 2311-IL-1

Manufactured by
P.L.C. CORPORATION
WHEELING, ILLINOIS 60090

AQUADUOIL

DIRECTIONS FOR USE

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

Food Handling Establishments: Places other than private residences in which exposed food is held, processed, prepared or served.

Food Areas - Application Limited to Crack and Crevice Treatment Only: Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) and serving areas (when food is exposed and facility is in operation).

To control **Roaches, Ants, Waterbugs, Silverfish, Spiders and Crickets**, apply in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide, in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases, in conduits, motor housings, junction or switch boxes. Prior to application de-energize electrical equipment. After application allow time for oil to evaporate before starting motors or placing switches in "ON" position. Care should be taken to avoid depositing the product on to exposed surfaces or introducing the material into the air. Avoid contamination of food and food processing surfaces.

APPLICATION OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A CRACK AND CREVICE TREATMENT IS NOT PERMITTED.

Serving Areas: Facilities where foods are served such as dining rooms, but excluding areas where foods may be prepared or held, apply as a spot treatment to selective surfaces, such as baseboards, under elements of construction and into cracks and crevices. Avoid treating surfaces likely to be contacted by food. (Do not apply when facility is in operation or foods are exposed.)

Non-Food Areas: Including garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling). Apply to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets and similar areas where insects hide or through which they may enter. Repeat treatment as required.

PESTS INDOORS: General Information: Use this product as a spot treatment to control **Cockroaches, Ants, Crickets, Fleas, Silverfish, Spiders, and Brown Dog Ticks** in and around residential, industrial institutional and commercial buildings including homes, apartment buildings, hospitals, stores, manufacturing plants and warehouses. Dilute this product with water or with a suitable base oil to make a 0.25% or 0.5% chlorpyrifos spray as shown in the following **SPRAY DILUTION CHART**. Apply according to directions given for pest listed. Repeat treatment as needed.

SPRAY DILUTION CHART:

Gallons of Spray Mixture Desired	Fluid Ounces* of Concentrate To Make	
	0.25% Spray	0.50% Spray
Water-Base Spray		
1	1	2
3	3	6
5	5	10
10	10	20
Oil-Base Spray**		
1	3/4	1-1/2
3	2-1/4	4-1/2
5	3-2/3	7-1/3
10	7-1/4	14-1/2

*Note: 1 fluid ounce = 2 tablespoons or 6 teaspoons
 **Calculated on basis of deodorized kerosene.
Cockroaches (including strains resistant to certain other insecticides), **Ants, Crickets, Fleas, Silverfish, Spiders**: Use a 0.25% spray to control light infestation and a 0.5% spray to quickly reduce heavy infestations. For spot treatment, apply as a coarse spray or with a paint brush to localized areas where these pests are found or normally occur, including dark corners of rooms and closets; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations. For ants, apply to ant trails, also around doors and windows and wherever else these pests may find entrance.

Flea and Brown Dog Ticks: Thoroughly saturate the spray as a spot treatment to infested areas such as pet bed and bedding, beneath, nearby cracks and crevices, along and behind baseboards, under 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. Repeat treatment as necessary. Do not treat pets with this product. Pets should be treated using an approved insecticide to prevent reinfestation.

WARNING (PESTS INDOORS): Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish aquaria before spraying. Do not allow spray to contact food, feedstuffs, and water supplies. Thoroughly wash dishes and food handling utensils and surfaces with soap and water if they become contaminated by application of this product. Do not use this product for spot treatment in poultry houses, other animal buildings or in edible product areas of food processing plants, restaurants or other areas where food is commercially prepared and processed. Do not use in serving areas while food is exposed.

PESTS, OUT-OF-DOORS: General Information: Use this product for control of certain pests of lawns and ornamental plants, for area control of ticks and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

Pests of Lawns and Other Ornamental and Recreational Turf Grass Areas: Use this product to control **Ants, Brown Dog Ticks, Chinch Bugs, Crickets, Cutworms, Earwigs, Grasshoppers and Red Worms (Lawn Moths)**. Mix this product with water according to directions given in the following table and apply as a coarse, low pressure spray using suitable application equipment. For best results, the lawn should be moist at time of treatment, and care should be taken to obtain complete and uniform coverage of pest infested areas. Spray when pests first appear, retreat when needed.

DOSEAGE AND DILUTIONS FOR USE IN TURF

Area to be Treated	Amount of Concentrate	Dilute With Water To Give
500 sq. ft.	2/3 fl. oz.	15 gallons
1,000 sq. ft.	1-1/3 fl. oz.	30 gallons
5,000 sq. ft.	5-1/2 fl. oz.	150 gallons
10,700 sq. ft.	11-1/2 fl. oz.	325 gallons
One acre	1-1/2 qts.	1,000 gallons

To Control Certain White Grubs: (Larvae of European Chaffer and Japanese Beetle) use two to four times the amounts of this product shown in the turf table, i.e., 2 1/2 to 4 1/2 fl. oz. per 1,000 sq. ft. or 3 to 8 quarts per acre. Apply in enough water to obtain uniform coverage of the area treated followed 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 Turfgrass (Hyperodes) Weeds: Use twice the amount of this product shown in the turf table, i.e., 3 quarts diluted in 1,000 gallons of water per acre. Spray suspected problem areas in mid-April and again in mid-May. Consult your local Agricultural Extension Service Specialist for proper time to treat in your area.

Note: To help prevent infestation of buildings by **Ants, Crickets, Earwigs, and Snowbugs, (Pillbugs)**, treat a band of soil 8 to 10 feet wide around and adjacent to the building, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use the same dosage and dilution recommended for control of these pests on turf as shown in the turf table. Apply as a coarse spray to thoroughly and uniformly wet the band area.

PESTS OF ORNAMENTALS: Use this product to control **Aphids, Begonias, Cutworms, Grasshoppers, Leafhoppers, Fleas, Beetles, Spittlebugs, Thrips (exposed), and Whiteflies of flowers, shrubs, vines, shade and flowering trees and evergreens** found to be infested with these pests. Dilute this product with water according to directions given in the following table and apply using suitable hand or power spray equipment in a manner to provide complete and uniform coverage of infested plants. Avoid overspraying to a point of excessive runoff. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. **NOTE:** Do not use on azaleas, camellias, poinsettias, rose bushes or variegated ivy because of possible injury to these plants.

Residual Insecticide

For Professional Use Only

To be applied only by or under the supervision of Pest Control Operators, Mosquito Abatement Districts, Public Health Organizations and other Trained Personnel responsible for Insect Control Programs.

Controls numerous insect pests in or on Households, Food Processing Plants, Factories, Warehouses, Institutions, Trucks, Railroad Cars, Turf, Ornamental Plants, Mosquito Control and Area Control of Ticks. Provides quick knockdown and flushing of Pyrethrins along with the residual effects of chlorpyrifos.

ACTIVE INGREDIENTS:

Pyrethrins	3.33%
*Piperonyl Butoxide, Technical	18.64%
Petroleum Distillate	13.32%
Chlorpyrifos O, O-Diethyl O-(3, 5, 6-trichloro-2-pyridyl) phosphorothioate	31.99%
Aromatic Petroleum Derivative Solvent	27.64%
INERT INGREDIENTS	7.08%
	100.00%

*Equivalent to 13.31% (butylcarbitol) (6-propylpiperonyl) ether and to 3.33% related compounds.

BEST DOCUMENT AVAILABLE

KEEP OUT OF REACH OF CHILDREN WARNING

See Back Panels For Additional Precautionary Statements.

with COMMENTS
 in EPA Letter Dated:
39497-11
NOV 5 1982

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.
E.P.A. Reg. No. 2311-

E.P.A. Est. No. 2311-IL-1

Manufactured by
P.L.C. CORPORATION
WHEELING, ILLINOIS 60090