

499-516

8/8/2012

1/8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460 0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

AUG 8 2012

Dana M Thomas
Whitmire Micro Gen Research Laboratories Inc
3568 Tree Court Industrial Blvd
St Louis MO 63122 6682

Subject Amended Reregistration Label
Product Name TC 256PC
EPA Registration Number 499 516
EPA Decision Numbers 411015 411644

Dear Ms Thomas

The Agency in accordance with the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) as amended has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Pyrethrins and Piperonyl Butoxide REDs and has concluded that your submission is acceptable

NOTE This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time

Please be reminded that 40 CFR Part 156 140(a)(4) requires that a batch code lot number or other code identifying the batch of the pesticide distributed and sold be placed on non refillable containers The code may appear either on the label or durably marked on the container itself and can be added by non notification per PRN 98 10

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below Any previously dated CSFs are superseded

Basic and Alternate #1 and #2 all dated September 27 2011

A copy of your label stamped Accepted is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first must bear the new revised label Your release for shipment of the product bearing

the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e).

If you have any questions about this letter, please contact Samantha Hulkower at 703 603 0683 or hulkower_samantha@epa.gov

Sincerely,



Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

*Enclosures Label stamped Accepted dated AUG 8 2012
Acute Toxicity Review dated June 2 2010
Product Chemistry Review dated October 13 2011*

3/8

TC 256 PC
Controlled Release Pyrethrins
Liquid Concentrate

ALTERNATE BRAND NAME Prescription Treatment® brand MICROCARE® 3% CS Controlled Release Pyrethrins {added via Notification 1/11/0}

KILLS ACCESSIBLE STAGES OF Angoumois Grain Moths Ants (excluding Harvester Ants) Asian Lady Beetles Bees Boxelder Bugs Cadelles Carpet Beetles Carpenter Ants Carpenter Bees Centipedes Cigarette Beetles Clover Mites Cockroaches Confused Flour Beetles Crickets Dermestid Beetles Dried Fruit Beetles Drugstore Beetles Firebrats Fleas Flies Fungus Gnats Fungus Gnat Larvae Gnats Grain Mites Indianmeal Moths Mealworms Mealybugs Mediterranean Flour Moths Millipedes Mosquitoes Moths Red Flour Beetles Sawtoothed Grain Beetles Scorpions Silverfish Sowbugs Spiders Ticks Trogoderma Wasps Weevils (Granary Weevils and Rice Weevils) and Yellowjackets

FOR USE IN AND AROUND Bakeries Beverage Plants Calf Hutches Canneries Dairies Flour Mills Federally Inspected Meat and Poultry Plants Food Handling Establishments Food Processing Plants Food Storage Areas Grain Mills Hog Operations Homes Horse Barns Hospitals and Nursing Homes (except patient rooms while occupied) Hotels Industrial Installations Kennels Landscapes Loafing Sheds Meat Packing Plants Milk Rooms Milking Parlors Motels Office Buildings Poultry Operations Residences Restaurants Schools Stables Supermarkets Transportation Equipment [Airplanes (cargo areas only) Boats Buses Railcars Ships Trailers and Trucks] Warehouses and Zoos

ACTIVE INGREDIENTS

Pyrethrins <i>a botanical insecticide</i>	3 0%
Piperonyl Butoxide	15 0%

OTHER INGREDIENTS

82 0%
TOTAL 100 0%

1 gal contains 0 25 lb of Pyrethrins and 1 25 lb piperonyl butoxide (butylcarbityl)(6 propylpiperonyl) ether and related compounds

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

IF IN EYES Hold eyes open and rinse slowly and gently with water for 15 - 20 min Remove contact lenses if present after the first 5 min then continue rinsing eyes Call a poison control center or doctor for treatment advice
 Have the product container or label with you when calling a poison control center or doctor or going for treatment For additional information on this pesticide product (including health concerns medical emergencies or pesticide incidents) you may call 1 800 832 HELP 24 hr/day 7 days/week

EPA Reg No 499 516 • EPA Est No 7969 MO 1

PRECAUTIONARY STATEMENTS

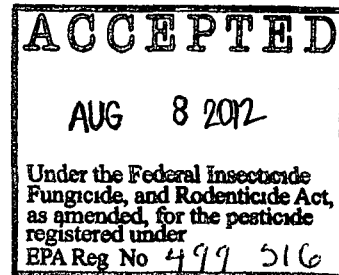
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION Causes moderate eye irritation Avoid contact with eyes or clothing Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet

Personal Protective Equipment (PPE) Applicators mixers and other handlers must wear Long sleeved shirt long pants socks and shoes

User Safety Requirements Follow manufacturer s instructions for cleaning/maintaining PPE If no such instructions for washables exist use detergent and hot water Keep and wash PPE separately from other laundry

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product s concentrate Do not reuse them



USER SAFETY RECOMMENDATIONS

Users should

- Wash hands before eating drinking chewing gum using tobacco or using the toilet
- Remove clothing/PPE immediately if pesticide gets inside Then wash thoroughly and put on clean clothing
- Remove PPE immediately after handling this product As soon as possible wash thoroughly and change into clean clothing

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms including fish and invertebrates Drift and run off may be hazardous to aquatic organisms in water adjacent to treated areas This product may contaminate water through runoff This product has a potential for run off for several months or more after application Poorly draining soils and soils with shallow water tables are more prone to produce run off that contains this product

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area

Do not apply directly to water to areas where surface water is present or to intertidal areas below the mean high water mark Do not contaminate water when disposing of equipment wash waters or rinsate

PHYSICAL OR CHEMICAL HAZARDS

Do not spray where electrical short circuits might result such as wall outlets conduits motors switches etc Do not spray directly into any electronic equipment such as radios televisions computers telephones etc

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

USE RESTRICTIONS

- Apply this product only as specified on this label
- Except when applying to domestic animals (livestock) do not apply this product in a way that will contact workers or other persons either directly or through drift
- Except when applying to domestic animals (livestock) only protected applicators may be in treated area during application
- Except when applying to domestic animals (livestock) do not enter or allow others to enter treated area until sprays have dried
- Do not apply more than 1 time/day
- Remove pets birds and cover fish aquariums before spraying
- Remove or cover exposed food and drinking water in the treatment area before application
- Remove or cover dishes utensils food processing equipment and food preparation surfaces in the treatment area or wash them before use
- Except when applying to sewers or drains as instructed on this label do not apply directly to sewers or drains or to any area like a gutter where drainage to sewers storm drains water bodies or aquatic habitat can occur
- In hospitals and nursing homes do not use in patient rooms while occupied
- In schools do not apply to classrooms when in use
- Do not use in aircraft cabins
- Do not make outdoor applications during rain
- All outdoor applications must be limited to spot or Crack & Crevice® treatments only except for the following permitted uses
 - 1 Treatment to soil or vegetation around structures
 - 2 Application to lawns turf and other vegetation
 - 3 Applications to building foundations up to a maximum height of 3 ft
- Other than applications to building foundations all outdoor applications to impervious surfaces such as sidewalks driveways patios porches and structural surfaces (such as windows door and eaves) are limited to spot and Crack & Crevice applications only
- Do not water the treated area to the point of runoff
- Do not wet plants to point of runoff or drip
- Do not wet articles to point of runoff or drip
- Do not use treated articles until spray has dried
- When used in dairy barns or facilities Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects
- Remove or cover milking utensils before application Wash teats of animals before milking

MIXING INSTRUCTIONS

Shake container well Fill spray tank half full with water Add the appropriate amount of concentrate according to the dilution table Add remaining water to spray tank and mix well Agitate material while using Use 50 mesh screen in sprayer

APPLICATION INSTRUCTIONS

Apply via Crack & Crevice® direct spot or surface application method(s) Do not apply as a space spray

HOSE END SPRAYERS Dilute as desired according to the dilution table or specific directions for use. Shake sprayer to disperse the product and shake occasionally during use to maintain dispersion.

COMPRESSED AIR SPRAYERS For surface applications, apply as a coarse wet spray at the rate of 1 gal diluted product/1 000 ft² of surface. For Crack & Crevice applications, inject product at the rate of 1 sec/ft. In long running cracks, move injector tip at the rate of 1 ft/sec.

VOID / CRACK & CREVICE APPLICATION To treat insects harboring in voids and in cracks and crevices, use equipment designed for void applications. Follow the manufacturer's recommendations for proper equipment setup and operating pressures. Place the tip of the applicator at or into the crack, crevice or void to be treated. Apply product in short bursts while keeping the tip in position. Allow the air stream to push insecticide deep into voids. Apply in such a manner to limit dripping and run off on structural surfaces and plants.

DILUTION RATES		
	Amount of Concentrate	Amount of Water
CLEAN OUT	4 – 5 fl oz	1 gal
MAINTENANCE	2 – 3 fl oz	1 gal
OUTDOOR USE	1 – 2 fl oz	1 gal

INDOOR USE

DILUTION RATES	
Amount of Concentrate	% Pyrethrins/Gallon Finished Spray
5 fl oz	0.10%
4 fl oz	0.08%
3 fl oz	0.06%
2 fl oz	0.04%
1 fl oz	0.02%

CRAWLING INSECTS AND SPIDERS Apply as a Crack & Crevice or spot treatment to hiding places such as cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators and manholes. Treat floors, walls, under pallets, behind shelves and drawers. Apply directly on insects in these locations where possible.

PERIDOMESTIC COCKROACHES Apply at the 0.10% rate as a Crack & Crevice or spot treatment to hiding places such as cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators and manholes. Treat floors, walls, under pallets, behind shelves and drawers. Apply directly on insects in these locations where possible.

ANTS (excluding Harvester Ants) Treat trails, nests and points of entry around doors, bookcases and storage areas. Apply directly on insects in these locations where possible.

CARPENTER ANTS Locate source of infestation. Inject 5 – 10 sec of product into insect tunnels and cavities.

BED BUGS Apply to cracks and crevices where evidence of bed bugs occurs. This includes bed frames, mattresses, box springs, inside empty dressers and clothes closets, carpet edges, high and low wall moldings and wallpaper edges. Take bed apart. Treat joints and channels if hollow, such as square or round tubing, and see that the interior framework is treated. Treat mattresses, especially tufts, folds and edges. Allow all treated areas to dry thoroughly before use. Not recommended for use as sole protection against bed bugs. Do not apply more than once every 7 days.

CARPET BEETLES Apply on and under edge of floor coverings, under carpets and furniture and in closets or other locations where these insects are found. Entire carpets may be treated.

TICKS Direct product toward pet beds and resting areas. Treat adjacent cracks and crevices such as behind baseboards and edges of carpet and floor coverings. Treat higher cracks such as upper door jams and window framing, behind pictures and other areas where females may crawl to lay eggs. Allow spray to thoroughly dry before allowing pets to return.

Do not treat companion animals such as dogs, cats, puppies or kittens with this product.

STORED PRODUCT PESTS Apply as a Crack & Crevice or spot treatment to localized areas including shelves, cupboards, walls and floors where food products suspected of being infested are stored. Remove or cover food in the treatment area before application. This treatment is supplemental to good housekeeping, since it will have no effect on insects inside packaging. Dispose all infested foodstuffs.

FOAM APPLICATION This product can be converted to a foam and the foam used to treat structural voids to kill insect and arthropod pests in walls, under slabs or in other void areas. Mix 1 part end use dilution with 25 parts foaming agent. This will provide adequate coverage and expansion without significant wetting to interior wall surfaces. Verify before treatment that the foaming agent is compatible with this product.

FOOD HANDLING ESTABLISHMENTS

Applications are permitted in food/feed areas of food/feed handling establishments as a Crack & Crevice spot or direct spray treatment including those operating under the Federal meat poultry shell egg grading and egg products inspection programs Do not apply as a space spray

Food handling establishments are places other than private residences in which food is held processed prepared or served

FOOD AREAS Include areas for receiving serving storing (dry cold frozen raw) packing (canning bottling wrapping boxing) preparing (cleaning slicing cooking grinding) edible waste storage and enclosed processing systems (mills dairies edible oils syrups)

NON FOOD AREAS Include areas such as garbage rooms lavatories floor drains (to sewers) entries and vestibules offices locker rooms machine rooms boiler rooms garages mop closets and storage areas (after canning or bottling)

Apply according to specific directions for pest(s) to be treated under the Indoor Use section

OUTDOOR USE

Do not apply this product through any type of irrigation system or sprinkler systems cold ULV foggers thermal foggers or handheld aerosol mister/foggers Apply only as a surface application by backpack hose end sprayer hydraulic sprayer or compressed air sprayer

FLYING INSECTS Treat outside surfaces of screens doors window frames or wherever insects may enter indoors Also treat surfaces around light fixtures on porches in garages and other places insects alight or congregate

MOSQUITOES FLIES AND GNATS Apply as a wet spray to open areas near homes buildings and in campgrounds Treat shrubby vegetation and other areas where these pests may rest Shrubby and vegetation around stagnant pools marshy areas ponds and shorelines may be treated Treatment of vegetation in water from land is also permitted by allowing wind to move product into vegetation but application of this product directly to any body of water is prohibited

CRAWLING INSECTS AND SPIDERS For treatment of localized infestations of these insects in outdoor areas which are landscaped planted mulched or unmaintained treat infested areas For ants wet hills and runways Repeat applications as infestation warrants and as reinfestations occur For ants and spiders apply product to cracks and crevices where insects may enter premises or harbor Areas to be treated include weep holes under siding wall voids soffits eaves around attic vents cracks and crevices openings around windows doors and pipes Treatment of infested fences and tree holes is permitted

PERIDOMESTIC COCKROACHES Apply at the 0.10% rate as a Crack & Crevice or spot treatment to hiding places such as cracks and crevices moist areas openings around pipes and sinks under refrigerators and manholes Treat floors walls under pallets behind shelves and drawers Apply directly on insects in these locations where possible

STRUCTURAL PERIMETER TREATMENT To reduce infestations of buildings treat a band of soil 6 - 10 ft wide around and adjacent to the building Also treat the building foundation to a height of 2 - 3 ft where pests are active and may find entrance Treat other insect entry points and harborages such as doors windows under siding and eaves of structure This product may be applied in compressed air backpack or power spray equipment Apply at the rate of 1 - 4 fl oz of concentrate/1 000 ft² (see chart below) Apply in sufficient water to adequately cover the area being treated Apply in such a manner to limit dripping and run off on structural surfaces and plants

SUGGESTED MIXING RATES

Application Rate/1 000 ft ² (Amount of Concentrate in fl oz)	Tank Sizes in Gallons (Amount of Concentrate in fl oz)			
	1	3	15	50
1	1	3	5	10
2	2	6	10	20
3	3	9	15	30
4	4	12	20	40

MOSQUITOES FLIES AND GNATS For pests in open areas near homes buildings and in campgrounds apply as a surface spray to shrubby and vegetation and other areas where these pests may rest Structural surfaces shrubby and vegetation around stagnant pools marshy areas ponds and shorelines may be treated Treatment of vegetation in water from land is also permitted by allowing wind to move product into vegetation but application of this product directly to any body of water is prohibited

OUTDOOR RESIDENTIAL MISTING SYSTEMS† Dilute 0.5 - 1 gal of concentrate in 54 gal of water

USE RESTRICTIONS

When using this product installers and service technicians must comply with the license certification or registration requirements of the state(s) tribe(s) or local authority(ies) where they are installed

If the system works on an automatic timer set the timing for application when people pets and food are unlikely to be present

If the system works when a person operates a remote activation device then application of this pesticide when people pets and food are present is prohibited

Do not use in an evaporative cooling system

Direct nozzles to spray towards the target area and away from swimming pools water bodies or eating and cooking areas

7/8

Do not set nozzles to direct mist near outside air condition systems or other home air intakes

If used in a system with a reservoir tank for the end use dilution they system reservoir tank must be locked Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve The dilution statement must be phrased as follows This container holds ___ parts [product name] to ___ parts water

If used in a direct injection system the pesticide container must be locked Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve

Contact the system manufacturer for guidance or assistance to ensure compliance with the following requirement

This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 3 fl oz of a 0.02% pyrethrins dilution/1 000 ft³/day

† In New York State [Alternate Text state name(s)] this product may NOT be applied using residential automated [Alternate Text urban] misting systems

USE IN AND AROUND LIVESTOCK HOUSING

FOR FAST KNOCKDOWN OF FLYING INSECTS Close all windows and doors Using a mixture of 1 – 2 fl oz of product per gallon of water direct fog upward in all directions at the rate of 3 fl oz diluted product per 1 000 ft³ of space Thoroughly ventilate the area after treatment is completed

TO KILL FLIES IN NON FOOD ANIMAL AREAS SUCH AS DOG KENNELS HOG BARNES RABBIT HUTCHES DAIRY AREAS MILKROOMS CALF HUTCHES CALVING PENS AND PARLORS Treat normal fly resting areas such as ceilings screens upper corners of the area around windows and doors light fixtures and other surfaces known to attract flies Apply as a coarse wet spray using a mixture of 1.5 fl oz of product per gallon of water Apply at a rate of 1 gal diluted product per 1 000 ft² of surface Initiate treatments at the beginning of the fly season and repeat weekly during periods of heavy fly activity

FOR FLEA CONTROL Treat animal areas such as dog kennels and runs Apply as a coarse wet spray using a mixture of 2 fl oz of product per gallon of water Apply at a rate of 1 gal diluted product per 1 000 ft² of surface

FOR TREATMENT OF DOMESTIC ANIMALS Use 2 fl oz of product per gallon of water (use 4 fl oz for quick knock down and longer residual control) and apply as a low pressure spray Lightly mist animals thoroughly but do not treat to runoff Do not spray directly toward the face or eyes Application may be repeated daily

Do not treat companion animals such as dogs cats puppies or kittens with this product

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

PESTICIDE STORAGE Store in original container in secured dry storage area Do not store above 100 F for extended periods of time Storage below 32 F may cause freezing If container is damaged or spill occurs use product immediately or dispose of product and damaged container as indicated below

PESTICIDE DISPOSAL Wastes resulting from the use of this product may be disposed of on site in accordance with the label directions or at an approved waste disposal facility

CONTAINER DISPOSAL Nonrefillable container Do not reuse or refill this container! Empty container by using the product according to the label directions Triple rinse container (or equivalent) promptly after emptying Triple rinse as follows

[(<5 gal) Empty the remaining contents into application equipment or a mix tank and drain for 10 sec after the flow begins to drip Fill the container 1/4 full with water and recap Shake for 10 sec Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal Drain for 10 sec after the flow begins to drip Repeat this procedure 2 more times]

[(>5 gal) Empty remaining contents into application equipment or a mix tank Fill the container 1/4 full with water Replace and tighten closures Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 sec Stand the container on its end and tip it back and forth several times Turn the container over onto its other end and tip it back and forth several times Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure 2 more times]

Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or if allowed by state and local authorities by burning If burned stay out of smoke

CONDITIONS OF SALE AND WARRANTY

Follow the **Directions for Use** It is impossible to eliminate all risks inherently associated with use of this product and therefore all such risk shall be assumed by the Buyer Whitmire warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above TO THE EXTENT CONSISTENT WITH APPLICABLE LAW (A) WHITMIRE MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY (B) BUYER'S EXCLUSIVE REMEDY AND WHITMIRE'S AND SELLER'S EXCLUSIVE LIABILITY WHETHER IN CONTRACT TORT NEGLIGENCE STRICT LIABILITY OR OTHERWISE SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT AND (C) WHITMIRE AND THE

8/8

MASTER LABEL

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SELLER DISCLAIMS ANY LIABILITY FOR CONSEQUENTIAL INCIDENTAL SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Whitmire and the Seller offer this product and the Buyer accepts it subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of Whitmire.

Manufactured for
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