


499-522

02/22/2007

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 499-522	Date of Issuance: FEB 22 2007
	Term of Issuance: Conditional	
	Name of Pesticide Product: TC 262	
Name and Address of Registrant (include ZIP Code): WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC. 3568 Tree Court Industrial Blvd. St. Louis, MO 63122-6682		
<p>Note: Changes in labeling 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 EPA registration number.</p>		
<p>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.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 other</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) and (B) provided that you:</p> <ol style="list-style-type: none"> 1. Make the following label changes: Revise the EPA Registration Number to read, "EPA Reg. No. 499-522". 		
Signature of Approving Official: <i>See page 5</i> Richard J. Gebken, Product Manager 3 Insecticide Branch/Registration Division		Date: FEB 22 2007

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Include the signal Word "Combustible" under the Physical and Chemical Hazard heading on the label.

2. Revise the Precautionary Statement to read:

Harmful if swallowed. Causes moderate eye irritation.
[Wear protective eyewear.]* Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Avoid contact with eyes or clothing.

*[Protective eyewear, which may include goggles, face shield and/or safety glasses, may be specified, if applicable.

3. Inert Ingredients must be footnoted with *Contains Petroleum Distillate.
4. **Add the section entitled "Safe Handling Procedures" as follows:**

In addition, the following statements must be added to your product labeling:

- Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals.
- Your label must contain a "Note to Physician". The following statements are suggested types of information that may be included, if applicable:
Technical information on symptomatology; - use of supportive treatments to maintain life functions; - medicine that will counteract the specific physiological effects of the pesticide; company telephone number to specific medical personnel who can provide specialized medical advice.

Add a Note to Physician: May pose an aspiration pneumonia hazard. Contains petroleum distillate.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact, *1-800-xxx-xxxx for emergency medical treatment information.

On pages 1 of 10, and 4 of 10 under the section "FOR USE IN AND AROUND", revise On Animals to read: On Domestic Animals.

On page 4 of 10, under the section "FOR USE IN AND AROUND", remove the following statement: "(See page _ for additional insects and use sites.)"

On page 5 of 10, Revise the following statement to read: **AS A SPACE SPRAY - To kill the accessible adult forms of insects pests** of stored food (stored in multi-wall paper bags or in cloth bags) in warehouses and storage rooms:** Close room or warehouse and shut off all ventilating systems. Apply as a space spray using Whitmire Mico-Gen ULV unit, or similar equipment to dispense this product. Use a dosage of 1 fl oz/1,000 ft³ of room space. Do not remain in treated areas after application and leave room closed for at least 1 hr. Ventilate thoroughly before occupants are allowed to reenter. Reapply 1/day if retreatment is necessary.

On page 6 of 10, Revise the subheading, "FOR USE ON ANIMALS" to read " **FOR USE ON DOMESTIC ANIMALS**".

5. Remove all pests of public health significance (listed below) must be removed from the label. Whitmire Micro-Gen may submit or cite relevant data for support of these pests.

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6. Data Requirements

A one year Storage Stability (830.6317) and Corrosion Characteristics, (830.6320) studies are a requirement for the formulated product. You are required to generate a one year storage stability for the proposed product under warehouse conditions. It is recommended that observations are made at 0,3,6,9, and 12 months intervals. The corrosion characteristics study may be carried out concurrently. These studies must be provided to the Agency within 18 months from the date of initial registration for this product.

Remove the following pests listed below:

- Ants, or state as "Ants, except Carpenter, Pharaoh, Fire, and Harvester Ants"
- Carpenter Ants
- Pharaoh Ants
- Harvester Ants
- Bed Bugs
- Biting Flies (all; including Black, Deer, Horse, and Stable flies, Mosquitoes, and Gnat)
- Centipedes
- Chiggers
- Cockroaches (all)
- Fleas
- Flies (disease vectors)
- House flies
- Ticks (all)
- Spiders, or state as "Spiders, except Black Wodow and Brown Recluse Spiders"
- Black Widow Spiders
- Scorpions
- Stinging Hymenoptera (any; including Bees, hornets, and Wasps, and Yellow Jackets)

Note that a notice of availability of EPA's reregistrtrtion eligibility document (RED) for products containing pyrethrins was published in FR on July 26, 2006 (Vol. 71, Number 143, pages 42387-42389) and Piperonyl Butoxide was published in FR on July 26, 2006 (Vol. 71, Number 143, pages 42385-42386). As a result, additional data and/or labeling changes may be required for products containing Pyrethrins and Piperonyl butoxide.

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A copy of the reviews are enclosed for your records.

Submit two copies of the revised final printed label for the record. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Enclosed is a copy of your label stamped with comments

Sincerely,



Richard J. Gebken
Product Manager 3
Insecticide Branch
Registration Division (7505P)

TC 262

KILLS:

Angoumois Grain Moths, Ants, Bed Bugs, Boxelder Bugs, Cadelles, Cheese Mites, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Earwigs, Fruit Flies, Gnats, Granary Weevils, House Flies, Indianmeal Moths, Mosquitoes, Rice Weevils, Spiders, Tobacco Moths and Wasps

FOR USE IN AND AROUND:

Apartments and Homes; Cafeterias; Dormitories; Food Service, Storage and Preparation Areas; Grocery and Convenience Stores; Health Care Facilities; Hotels; Motels; Office Buildings; Restaurants; Schools; Universities and On Animal

See complete label for additional insects and use sites.

ACTIVE INGREDIENT:

Pyrethrins*, a botanical insecticide	3.00%
Piperonyl butoxide, technical**	15.00%

OTHER INGREDIENTS:	<u>82.00%</u>
Contains Petroleum Distillate	TOTAL: 100.00%

* 1 Gallon contains 0.198 lbs of pyrethrins

** Equivalent to 12% (butylcarbityl)(6-propylpiperonyl) ether and 3% related compounds.

KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for First Aid, Precautionary Statements, Directions for Use and Storage & Disposal

EPA Reg. No. 499-xxx • EPA Est. No. 499-MO-1

NET CONTENTS: _____



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
800-777-8570 www.wmmg.com

**ACCEPTED
with COMMENTS
in EPA Letter Dated**

FEB 22 2007

**Under the Federal Insecticide
Fungicide, and Rodenticide Act
as amended, for the pest(s) of
registered under EPA Reg. No.
499-522**

FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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. You may also call 1-800-225-3320 for emergency medical treatment information.

NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not contaminate bodies of water when disposing of equipment rinsate or wash waters.

TERRESTRIAL USES: 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 from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment wash waters.

See complete label for additional statements regarding Wide Area Mosquito Control Applications.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. **Note:** Some furniture finishes and particularly plastics can be damaged by petroleum based insecticides. To avoid damage, cover those items and do not spray directly. In doubt, test by applying this material to an inconspicuous area before spraying.

DIRECTIONS FOR USE

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

See full label accompanying product for complete Directions for Use. See separate directions for Wide Area Mosquito Control Applications.

USE RESTRICTIONS

- Apply this product only as specified on this label.
- Do not remain in treated area when applying as a space treatment. Ventilate area thoroughly before reentering.
- Do not allow children or pets to enter the treated area until it has been thoroughly ventilated.
- Do not apply directly to food.
- Remove or cover all food and water in the treatment area before use.
- Do not apply while food processing is underway when applying as a space treatment.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces in the treatment area before use or wash them thoroughly after ventilation of treated area.
- Remove pets, birds, cover fish aquariums and turn off air pump motor before application.
- In health care facilities, remove patients prior to treatment and thoroughly ventilate treated area for 2 hr before returning patients.

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. 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: (≤ 2.5 gal) Empty container by using the product in accordance with the label directions. Do not reuse container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

8/15

CONTAINER DISPOSAL (> 2.5 gal) Empty container by using the product in accordance with the label directions. 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.

A Prescription Treatment® brand insecticide from:

Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis MO 63122-6682

www.wmmg.com

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TC 262

For indoor or outdoor application as a space, area or contact spray. Dependent upon insects to be killed and the area to be treated, this product may be applied through mechanical aerosol or Ultra Low Volume (ULV) cold aerosol generators such as Whitmire Micro-Gen equipment, as well as thermal and conventional fogging or spraying equipment.

KILLS:

Angoumois Grain Moths, Ants, Bed Bugs, Boxelder Bugs, Cadelles, Cheese Mites, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Earwigs, Fruit Flies, Gnats, Granary Weevils, House Flies, Indianmeal Moths, Mosquitoes, Rice Weevils, Spiders, Tobacco Moths and Wasps

FOR USE IN AND AROUND:

Apartments and Homes; Cafeterias; Dormitories; Food Service, Storage and Preparation Areas; Grocery and Convenience Stores; Health Care Facilities; Hotels; Motels; Office Buildings; Restaurants; Schools; Universities and On Animal

(See page __ for additional insects and use sites.)

ACTIVE INGREDIENTS:

Pyrethrins*, a botanical insecticide	3.00%
Piperonyl butoxide, technical**	15.00%

OTHER INGREDIENTS:	82.00%
Contains Petroleum Distillate	TOTAL: 100.00%

* 1 gallon contains 0.198 lbs of pyrethrins

** Consists of 12% (butylcarbityl) (6-propylpiperonyl) ether and 3% related compounds.

KEEP OUT OF REACH OF CHILDREN

CAUTION

(See inside for First Aid and Precautionary Statements)

EPA Reg. No. 499-xxx • EPA Est. No. 499-MO-1

FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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. You may also call 1-800-225-3320 for emergency medical treatment information.

NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

TERRESTRIAL USES: 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 from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

WIDE-AREA MOSQUITO CONTROL APPLICATIONS BY GROUND OR AERIAL EQUIPMENT

Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish. Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries) except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body.

Do not apply to blooming crops or weeds when bees are visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by the state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. **Note:** Some furniture finishes and particularly plastics can be damaged by petroleum based insecticides. To avoid damage, cover those items and do not spray directly. If in doubt, test by applying this material to an inconspicuous area before spraying.

DIRECTIONS FOR USE

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

See separate directions for Wide Area Mosquito Control Applications.

USE RESTRICTIONS

- Apply this product only as specified on this label.
- Do not remain in treated area when applying as a space treatment. Ventilate area thoroughly before reentering.
- Do not allow children or pets to enter the treated area until it has been thoroughly ventilated.
- Do not apply directly to food.
- Remove or cover all food and water in the treatment area before use.
- Do not apply while food processing is underway when applying as a space treatment.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces in the treatment area before use or wash them thoroughly after ventilation of treated area.
- Remove pets, birds, cover fish aquariums and turn off air pump motor before application.
- In health care facilities, remove patients prior to treatment and thoroughly ventilate treated area for 2 hr before returning patients.

INDOOR USE, UNDILUTED

AS A SPACE SPRAY - To kill accessible stages of Insects* infesting dried fruit products in storage or being processed: Close room or warehouse and shut off all ventilating systems. Apply as space spray using a Whitmire Micro-Gen ULV unit, or similar equipment to dispense this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use a dosage not to exceed 64 fl oz/50,000 ft³ of room space. Do not remain in treated areas after application, and leave room closed for at least 1hr. Ventilate thoroughly before occupants are allowed to reenter. Repeat application every 30 days.

* Among these are the Confused Flour Beetle, Dried Fruit Beetle, Indianmeal Moth, Roaches and Sawtoothed Grain Beetle

AS A SPACE SPRAY - To kill the adult and accessible forms of insect pests of stored food (stored in multi-wall paper bags or in cloth bags) in warehouses and storage rooms:** Close room or warehouse and shut off all ventilating systems. Apply as space spray using a Whitmire Micro-Gen ULV unit, or similar equipment to dispense this product. Use a dosage of 1 fl oz/1,000 ft³ of room space. Do not remain in treated areas after application and leave room closed for at least 1 hr. Ventilate thoroughly before occupants are allowed to reenter. Reapply 1/day if retreatment is necessary.

** Among these are the Angoumois Grain Moth, Cadelles, Confused Flour Beetle, Indianmeal Moth, Mediterranean Flour Moth, Rice Weevil, Sawtoothed Grain Beetle and Yellow Meal Worm

CONTACT SPRAY: Use full strength or dilute and apply through equipment which can deliver a pin-stream spray. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects harbor. Contact as many insects as possible with the spray. Do not allow spray to contact stored food.

SPACE SPRAY: With a mechanical aerosol generator (no droplets over 70 microns in diameter and 80% less than 30 microns), apply this product undiluted at a dosage rate of approximately 1 fl oz/1,000 ft³ of room space or, when applying diluted product, apply at the desired rate of fl oz/1,000 ft³ of room space. Do not remain in treated areas after application and leave the room closed for 1 hr. Ventilate the area thoroughly before occupants are allowed to reenter. Reapply 1/day if retreatment is necessary.

LINEAR APPLICATION ALONG BASEBOARDS, TRIM MOLDING AND VOIDS: With equipment designed for deep void Ultra Low Volume (ULV) applications, follow the manufacturer's recommendations for proper equipment setup and operation pressures. Place the tip of the applicator at or into the crack or crevice to be treated. Apply product in short bursts while keeping tip in position. Move the tip at a steady rate of approximately 1 ft/sec. Allow the air stream to push insecticide deep into voids. Repeat application as necessary to flush insects from voids. Avoid applying to the point of runoff or drip. Ventilate thoroughly before occupants are allowed to reenter. Reapply 1/day if retreatment is necessary.

INDOOR USE, DILUTED IN OIL

DILUTION: Use a Food Grade Oil conforming to regulation 21 CFR 178.3620(b), or an odorless light petroleum hydrocarbon conforming to 21 CFR 172.882 or 40 CFR 180.910 (Inert ingredients used pre and post-harvest; exemptions from the requirement of a tolerance), and 180.930 (Inert ingredients applied to animals; exemptions from the requirement of a tolerance). Combine oil and TC 262 as directed below and mix well just prior to application.

Pyrethrin % Desired	Mixture Rate	Application Rate/1,000 ft ³
1.00	1 Part Concentrate to 2 Parts Oil	1 fl oz
0.50	1 Part Concentrate to 5 Parts Oil	1 fl oz
0.30	1 Part Concentrate to 9 Parts Oil	1 - 2 fl oz
0.15	1 Part Concentrate to 19 Parts Oil	1 - 2 fl oz

SPACE SPRAY – To kill flying and crawling insects in establishments and structures, including those operating under the Federal meat, poultry, shell egg grading and egg products inspection programs: Dilute concentrate as listed in the above paragraph, and mix well. Do not apply while food processing is underway. Cover or remove any exposed food. Cover food processing surfaces and equipment or wash with an effective cleaning compound followed by a potable water rinse. Close doors and windows and shut off all ventilating equipment prior to application. Using Whitmire Micro-Gen ULD or similar equipment adjusted to deliver aerosol droplets, apply at the desired rate/1,000 ft³ of space. Leave room closed for 1 hr after application and ventilate thoroughly before occupants are allowed to reenter. Reapply 1/day if retreatment is necessary.

CONTACT SPRAY: Dilute concentrate to desired level.

INDOOR USE, DILUTED IN WATER

DILUTION RATES:

Pyrethrin % Desired	Mixture Rate	Application Rate/1,000 ft ³
1.00	1 Part Concentrate to 1.75 Parts Water	1 fl oz
0.50	1 Part Concentrate to 4.25 Parts Water	1 fl oz
0.30	1 Part Concentrate to 7.66 Parts Water	1 - 2 fl oz
0.15	1 Part Concentrate to 16.15 Parts Water	1 - 2 fl oz

SPACE SPRAY – To kill flying and crawling insects in establishments and structures, including those operating under the Federal meat, poultry, shell egg grading and egg products inspection programs: Dilute concentrate as listed in the above paragraph, and mix well. Do not apply while food processing is underway. Cover or remove any exposed food. Cover food processing surfaces and equipment or wash with an effective cleaning compound followed by a potable water rinse. Close doors and windows and shut off all ventilating equipment prior to application. Using Whitmire Micro-Gen ULD or similar equipment adjusted to deliver aerosol droplets, apply at the desired rate/1,000 ft³ of space. Leave room closed for 1 hr after application and ventilate thoroughly before occupants are allowed to reenter. Reapply 1/day if retreatment is necessary.

CONTACT SPRAY: Dilute concentrate to desired level.

OUTDOOR USE

OUTDOOR GROUND FOGGING APPLICATION: Use diluted to kill flies, mosquitoes and gnats from 0.15 – 1.0 and mix well. Use at a time when the temperature is cool (75°F or less) and the wind velocity is approximately 10 mph.

HANDHELD EQUIPMENT: When using ULD equipment such as Whitmire Micro-Gen equipment, apply at the rate of 4 fl oz/acre. Figure application travel path for a coverage of a 50 ft swath. Allow spray drift to penetrate dense foliage. Repeat application as required for control.

For wide area community applications, see the Wide Area Mosquito Control section for appropriate Directions for Use.

FOR USE ON ANIMALS

Use 0.5% to protect beef cattle, dairy cattle and horses from horn flies, house flies, mosquitoes and gnats, apply a light mist sufficient to wet the tips of the hair. To kill stable flies, horse flies and deer flies on beef cattle, dairy cattle and horses, apply 2 fl oz/adult animal, sufficient to wet the hair but not to soak the hide. To kill the motile stages of blood sucking lice on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 fl oz or less/animal and repeat every 2 - 3 weeks as required.

Space treatment over animals in barns and corrals: Select proper dilution and treat with ULD equipment over animals.

Do not use on dogs or cats.

ON ANIMAL USE RESTRICTIONS

- Do not apply more than 1/day.
- Do not reapply within 1 day
- Do not remain in treated area.
- Do not allow unprotected persons to enter until treated area has been ventilated.

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. 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: (< 2.5 gal) Empty container by using the product in accordance with the label directions. Do not reuse container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

CONTAINER DISPOSAL: (> 2.5 gal) Empty container by using the product in accordance with the label directions. 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.

WIDE AREA MOSQUITO CONTROL

For wide area community applications by ground or aerial equipment, Ultra Low Volume (ULV) sprays or fogs.

For use only by federal, state, tribal or local government officials responsible for public health or vector control or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications by persons under their direct supervision.

DIRECTIONS FOR USE

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

OUTDOOR USE – MOSQUITO CONTROL

Use at the 0.1% – 0.5% rate

OUTDOOR GROUND FOGGING APPLICATION: Use to kill mosquitoes in open areas near buildings and in campgrounds. Use preferably at a time when temperature is cool (75°F or less) and the wind velocity is approximately 10 mph or less.

DILUTION IN OIL: Use a Food Grade oil conforming to regulation 21 CFR 178.3620(b), or an odorless light petroleum hydrocarbon conforming to 21 CFR 172.882 or 40 CFR 180.910 (Inert ingredients used pre and post-harvest; exemptions from the requirement of a tolerance), and 180.930 (Inert ingredients applied to animals; exemptions from the requirement of a tolerance). Combine oil and TC 262 as directed below and mix well just prior to application.

Pyrethrin % Desired	Mixture Rate	Fluid Ounces of Diluted Product Delivers 0.0025 lbs Pyrethrin/Acre
0.50%	1 Part Conc. to 5 Parts Oil	9.7 fl oz
0.30%	1 Part Conc. to 9 Parts Oil	16.1 fl oz
0.25%	1 Part Conc. to 11 Parts Oil	19.4 fl oz
0.15%	1 Part Conc. to 19 Parts Oil	32.2 fl oz
0.10%	1 Part Conc. to 29 Parts Oil	48.5 fl oz

DILUTION IN WATER: Combine water and TC 262 as directed below and mix well just prior to application.

Pyrethrin % Desired	Mixture Rate	Fluid Ounces of Diluted Product Delivers 0.0025 lbs Pyrethrin/Acre
0.50%	1 Part Conc. to 4.25 Parts Water	9.7 fl oz
0.30%	1 Part Conc. to 7.66 Parts Water	16.1 fl oz

0.25%	1 Part Conc. to 9.35 Parts Water	19.4 fl oz
0.15%	1 Part Conc. to 16.15 Parts Water	32.2 fl oz
0.10%	1 Part Conc. to 24.65 Parts Water	48.5 fl oz

TC 262 may be used for mosquito control programs involving residential, industrial, recreational and agricultural areas as well as swamps, marshes, overgrown waste areas, roadsides and pastures where adult mosquitoes occur. TC 262 may be used over agricultural crops. For best results, apply when meteorological conditions create a temperature inversion and wind speed does not exceed 10 mph. The application should be made so the wind will carry the insecticidal fog into the area being treated. Do not re-treat a site more than once in 24 hr; no more than 14 applications should be made to a site in any 2 weeks. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

When used in cold aerosol generators, mechanical or electronic foggers, or misting equipment that produce a fog with the majority of droplets in the 5 – 50 micron range, dilute TC 262 with light mineral oil (specific gravity of approximately 0.8 at 60°F, boiling point: 500 – 840°F).

GROUND-BASED AND AERIAL APPLICATION

To control adult mosquitoes and biting flies, apply up to 0.0025 lbs of pyrethrins/acre (use a 300 ft swath width for acreage calculations).

Spray equipment must be adjusted so that the volume median diameter is less than 50 microns (Dv 0.5 < 50 µm) and that 90% of the spray is contained in droplets smaller than 100 microns (Dv 0.9 < 100 µm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

TRUCK-MOUNTED ULV APPLICATION: Apply at the rate of up to 0.0025 lbs pyrethrins/acre while the machine is traveling 5 – 10 mph. Position the nozzle approximately 30° above the horizontal off the side of the truck bed. The delivery rate and truck speed may be varied as long as the application rate is 0.0025 lbs of pyrethrins/acre (use a 300 ft swath width for acreage calculations). When using Whitmire Micro-Gen or similar truck mounted ULD equipment, spray at a dosage rate of 15 fl oz/min from a location up-wind of the areas where insects are to be treated. Keep speed of vehicle to approximately 10 mph. Figure application travel path for a coverage of a 300 ft swath. Apply no more than 0.0025 lbs/acre 3 times/week.

HANDHELD AND BACKPACK EQUIPMENT: Use at 0.1 – 0.5%. Apply up to 0.0025 lbs pyrethrins/acre. Figure application travel path for a coverage of a 50 ft swath. Allow spray drift to penetrate dense foliage. Apply at no more than 0.0025 lbs pyrethrins/acre 3 times/week.

AERIAL APPLICATION (FIXED WING AND HELICOPTER): To control adult mosquitoes and biting flies, apply up to 0.0025 lbs pyrethrins/acre with equipment designed and operated to produce a ULV spray application.

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In addition to sites listed on the front panel TC 262 is acceptable for use in and around the following sites:

INDOOR:

- Animal Areas and Quarters
- Apartments
- Auditoriums
- Bakeries
- Beverage Plants
- Boats
- Bottling Plants
- Brandy Storage Warehouses
- Buildings
- Buses
- Cabins
- Cafeterias
- Canneries
- Cattle Barns
- Churches
- Closets
- Condominiums
- Communication Centers
- Convenience Stores
- Correctional Facilities

- Dairy and Livestock Barns
- Dormitories
- Dried Fruit Processing Plants
- Drains and Sewers
- Dried Fruit Warehouses
- Drugstores
- Dumpsters
- Dwellings
- Egg Processing Plants
- Factories
- Flour Mills
- Food Handling Establishments
- Food Preparation Areas
- Food Processing Plants
- Food Service Areas
- Food Storage Areas
- Freight Containers
- Fruit Packing Sheds
- Garbage Cans
- Garbage Compactors
- Goat Houses

- Grain Elevators
- Grain Mills
- Grain Handling Equipment
- Granaries
- Grocery Stores
- Health Care Facilities
- Homes
- Hotels
- Horse Stables/Barns
- Hospices
- Industrial Installations
- Institutions
- Jails
- Laboratories
- Libraries
- Livestock Barns
- Loafing Sheds
- Locker Rooms
- Mills
- Mausoleums
- Meat Packing Plants

[COMPLETE LABEL]

Milk Rooms
 Missions
 Mobile Homes
 Motels
 Museums
 Mushroom Processing Plants
 Nursing Homes
 Office Buildings / Offices
 Passenger Rail Cars
 Peanut Processing Plants
 Peanut Storage Warehouses
 Poultry Houses
 Poultry Processing Plants
 Prisons
 Public Buildings
 Rabbit Processing Plants
 Rabbit Houses
 Railroad Cars
 Recreational Vehicles
 Research Animal Areas
 Restaurants
 Restrooms
 Rice Mills
 Schools
 Shade Houses

Ships
 Ship holds
 Stables
 Stable Bins
 Stored Food in Multi-walled
 Paper or Cloth Bags
 Stored Seed Warehouses
 Stores
 Supermarkets
 Swine Houses
 Textile Mills and Warehouses
 Theaters
 Tobacco Plants
 Tobacco Warehouses
 Townhouses
 Trains
 Transportation Equipment
 Trucks
 Truck Trailers
 Universities
 Utilities
 Utility Rooms
 Voids (Attics, Walls, Ceilings)
 Warehouses
 Wineries

Wine Storage Warehouses
 Zoos
OUTDOOR:
 Campgrounds
 Corrals
 Drive-in Restaurants
 Drive-in Theaters
 Dumpsters
 Feedlots
 Garbage Dumps
 Golf Courses
 Junkyards
 Kennels
 Landscapes
 Lath Houses
 Manure Piles
 Parks
 Plantscapes
 Playgrounds
 Recreational Areas
 Sewers
 Swineyards
 Zoos

TC 262 is also effective against the following insects when used according to label directions:

FLYING INSECTS:

Aphids
 Barn Flies
 Bees
 Black Flies
 Blow Flies
 Bottle Flies
 Boxelder Bugs
 Cheese Skippers
 Deer Flies
 Face Flies
 Flies
 Fruit Flies
 Fungus Gnats
 Gnats
 Horn Flies
 Hornets
 Horse Flies
 House Flies
 Mosquitoes
 Mushroom Flies
 Skipper Flies
 Stable Flies
 Thrips
 Vinegar Flies
 Wasps
 Whiteflies
 Yellowjackets

GRAIN BORERS:

Larger Grain Borers
 Lesser Grain Borers

CRAWLING INSECTS:

Ants
 Bed Bugs
 Booklice
 Cabbage Loopers
 Cabbage Worms
 Centipedes
 Chiggers
 Chrysanthemum Leaf Miners
 Cockroaches
 Crickets
 Earwigs
 Fire Ants
 Firebrats
 Grasshoppers
 Mealybugs
 Millipedes
 Palmetto Bugs
 Pill Bugs
 Scorpions
 Sowbugs
 Vegetable Leaf Miners

FLEAS AND TICKS:

Brown Dog Ticks
 Fleas
 Sheep Ticks
 Spinosa Ear Ticks
 Ticks

SPIDERS AND MITES:

Clover Mites
 Cheese Mites

Grain Mites
 Red Spider Mites
 Spider Mites
 Spiders

LICE:

Mounting Stages of Yellow
 Lice & Sucking Blue Lice

WORMS:

Dark Mealworms
 Lesser Mealworms
 Yellow Mealworms

BETTERLES:

American Black Flour Beetles
 Black Carpet Beetles
 Black Fungus Beetles
 Broadhorned Flour Beetles
 Brown Spider Beetles
 Cadelles
 Carpet Beetles
 Catorama Beetles
 Cereal Beetles
 Cigarette Beetles
 Confused Flour Beetles
 Corn Sap Beetles
 Darkling Beetles
 Depressed Flour Beetles
 Dermestid Beetles
 Dried Fruit Beetles
 Drugstore Beetles
 Flat Grain Beetles
 Foreign Grain Beetles

Ground Beetles
Hairy Fungus Beetles
Hairy Spider Beetles
Hide Beetles
Khapra Beetles
Large Black Flour Beetles
Longheaded Flour Beetles
Merchants Grain Beetles
Mexican Grain Beetles
Murmidius Beetles
Red Flour Beetles
Red Horned Grain Beetles
Rusty Grain Beetles

Slenderhorned Flour Beetles
Smalleyed Flour Beetles
Spider Beetles
Squarenecked Grain Beetles
Trogoderma Beetles
Two Banded Beetles
White Marked Spider Beetles
WEEVILS:
Bean Weevils
Broadnosed Grain Weevils
Coffee Bean Weevils
Granary Weevils
Maize Weevils

MOTHS:
Almond Moths
Angoumois Grain Moths
Chocolate Moths
Clothes Moths
Cocoa Bean Moths
European Grain Moths
Indianmeal Moths
Mediterranean Flour Moths
Rice Moths
Pink Scavenger Caterpillars
Tobacco Moths

A Prescription Treatment® brand insecticide from:

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