

11930-12

10/19/2011

1067

U.S. ENVIRONMENTAL PROTECTION
AGENCYOffice of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460EPA Reg.
Number:
11930-12Date of
Issuance:

OCT 19 2011

Term of Issuance:
Conditional

Name of Pesticide Product:

Opti Mist 30 30 ULV E.C.

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

Gil Manufacturing
P.O. Box 242725
Montgomery, AL 36124

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.

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.

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 others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:

1. You will 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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. You will make the following label changes before you release the product for shipment:

a. Revise the EPA Registration Number to read "EPA Registration Number 11930-12.

Signature of Approving Official:

Leah A. De Luca for Richard Gebken

Date:

October 19, 2011

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- b. On page 1 delete "Technical" after "Piperonyl Butoxide".
- c. On page 1 delete "'Equivalent to 80% and 20%'".
- d. On page 1 change "Other Ingredients" to "Other Ingredients***".
- e. On page 1 after "***" add "*** Contains Petroleum Distillate".
- f. Replace the First Aid section with
"If on skin:
-Take off contaminated clothing.
-Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If swallowed:

- Call a poison control center or doctor immediately 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.

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.

- g. Change the Hazards to Domestic Animals and Humans section "CAUTION Contains Petroleum Distillate.

Harmful if absorbed through skin. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse."

- h. On page 1 under Environmental Hazards after "Do not contaminate bodies of water when disposing of equipment rinsate or washwaters." add "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."

- i. Under Directions for Use delete "Emulsifiable formulations allows ...regulations exist."

- j. Delete "but not limited to" wherever it appears on the label. This statement is open ended and subject to misuse.

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k. Delete "in areas such as" wherever it appears on the label. This statement is open ended and subject to misuse.

l. On page 2 change "Can be applied over specific growing crops" to "Must be applied only over the following crops".

m. On page 2 change "Do not retreat the same site more than once in 12 hours. Do not apply more than 0.18 lb. of permethrin per acre per year to any site." to "Do not retreat the same site more than once in 3 days. Do not exceed 25 applications at 0.007 lbs. permethrin per acre per application or 0.025 lbs. PBO per acre per application, or 0.18 lbs. of permethrin per acre per season or 2.0. lbs PBO per acre per year. When targeting *Aedes taeniorhynchus* and other difficult species, applications of PBO may be made up to 0.08 lbs PBO per acre.".

n. On page 2 change "Do not allow spray treatments to drift on pastureland, cropland, (other than crops listed) or water supplies." to "Do not allow spray treatments to drift on cropland, (other than crops listed) or water supplies."

o. On page 2 delete "CONTROLS MANY INSECTS AS HERE LISTED".

p. On page 2 move "Air temperature..of applications." to before "OPTI MIST 30 30 ULV E.C. provides effective control of adult mosquitoes, black flies, gnats, biting and non-biting midges, stable flies, horse flies, deer flies, sheep flies, horn and heel flies and nuisance flying insects such as houseflies.".

q. After OPTI MIST 30 30 ULV E.C. provides effective control of adult mosquitoes, black flies, gnats, biting and non-biting midges, stable flies, horse flies, deer flies, sheep flies, horn and heel flies and nuisance flying insects such as houseflies." add "Do not apply directly to sewers or drains, or to any areas like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur, except as directed by this label. Not for use in outdoor residential misting systems. Not for use in metered release systems."

r. On page 2 under Ground ULV Application change "48" to "50" and correct "48 m" to "50 um".

s. On page 3 under Dilution Instructions delete "All applications should be conducted when temperatures are greater than 50°F."

t. On page 3 under aerial application change "100 feet to 300 feet" to "75 feet to 300 feet" and add "Do not apply by fixed wing aircraft at a height less than 100 feet, or by helicopter at a height less than 75 feet unless specifically approved by the state or tribe based on public health needs."

u. On page 3 under aerial application change "Do not apply when ground wind speed equals 0 MPH or when ground wind exceeds 10 MPH." to "Do not apply when ground wind speed exceeds 10 MPH."

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v. On page 3 under aerial application delete "To ensure best results applications shall be made when temperatures are greater than 50o°F."

w. Replace the Container Disposal section including the triple rinse sections with "Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container promptly after emptying. Containers ≤5 gallons: Triple rinse as follows: Emptying the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Container > 5 gallons: Triple rinse as follows: Empty the remaining contents into application or mix tank. Fill container ¼ 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 seconds. 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 two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure- rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after flow begins to drip. Offer for recycling, if available."

A copy of the reviews is enclosed for your records.

2. You must generate a one year storage stability and corrosion characteristics study corresponding to guideline 830.6317 and 830.6320 on the proposed product. It is required that the observations be made at 0, 3, 6, 9, and 12 month intervals. The results must be submitted to the Agency in electronic and hard copy format.

3. Please submit two (2) copies of your final printed labeling before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

OPTI MISTTM 30 30 ULV E.C.

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Label unit 1 of 3

For use only by Federal, State, Tribal, or local governmental 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, or by persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification.

A Synergized Permethrin Formulation.

For Effective Control of Adult Mosquitoes (Including organophosphate resistant mosquitoes), Midges (Biting and Non-Biting) and Blackflies. For ULV, Thermal and Barrier Applications using Ground and Aerial Equipment for control of Adult Mosquitoes and other biting flies. Emulsifiable formulation Allows Dilution with Water or Oil. May be Applied Undiluted. For Surface and barrier applications using handheld equipment. Quick Knockdown and effective control of Target Insects. For ULV applications at rates up to 0.007 lbs. a.i. per acre. For barrier application at rates up to 0.1 lb.. a. i. per acre. Compatible with injector mixing systems or other insecticide mixing systems.

EPA File Symbol 11930-RE EPA Est. No. 62778 AL-1 **ACCEPTED**

ACTIVE INGREDIENTS:

* Permethrin - - - - -
**Piperonyl Butoxide Technical - - - - -

30.0%
30.0%
40.0%

OTHER INGREDIENTS:

TOTAL - - - - -

100.0%

*(3-phenoxyphenyl)methyl(+/ -) Cis/trans 3-(2,2-dichloroethenyl)2,2-Dimethyl cyclopropanecarboxylate
Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.

**Equivalent to 80% (butyl carbityl)(6-propylpiperonyl) ether and 20% related compounds registered under EPA Reg. No. 11930-12

Contains: 2.595 lbs. of a.i. Permethrin and 2.595 lbs. Piperonyl Butoxide per gallon.

ACCEPTED
with COMMENTS
In EPA Letter Dated:
OCT 19 2011
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 11930-12

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUCION AL USUARIO: Si usted no lee ingles. no use este producto hasta que la etiqueta haya sido explicado ampliamente. (To the User: If you cannot read English, do not use this product until the label has been fully explained to you. See Side or Back Panel for Additional Precautionary Statements.

First Aid

IF SWALLOWED: Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or Doctor for treatment advice.
IMPORTANT: Have this product container or label with you when calling a poison center or doctor or when going for treatment. You may also call 1-800-858-7376 for emergency medical treatment advice.
NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration hazard.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE): Some materials that are chemical-resistant to this product are: barrier laminate, nitrile rubber, neoprene rubber, or Viton. Mixers, loaders, applicators, and other handlers must wear long-sleeve shirt and long pants, shoes plus socks. In addition, all handlers except for applicators using motorized ground equipment, pilots and flaggers, must wear chemical-resistant gloves. In addition, mixers loaders, persons cleaning equipment, and other persons exposed to the concentrate must wear a chemical-resistant apron. See engineering controls for additional requirements.

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.

Engineering Controls: Pilots must use an enclosed cockpit that meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)]. Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. 10-07-11

Net contents
2 1/2 Gal. _____
5 Gals. _____
30 Gals. _____
55 Gals. _____
Batch Code: _____
No. _____



Gil Manufacturing, Inc. P.O. Box 242725 - Montgomery, AL 36124 U.S.A.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms including fish and aquatic invertebrates. Runoff from treated areas or deposition to bodies of water may be hazardous to fish and other aquatic organisms. 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 water to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

BEE WARNING: This product is toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply to or allow drift onto 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 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.

PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

Emulsifiable formulation allows dilution with water or oil. Apply this product at temperatures greater than 50°F and wind speed equals or exceeds 1 m.p.h. 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.

HOW TO APPLY AND WHERE TO USE

OPTI MIST 30 30 ULV E.C. is designed for application as an Ultra-Low Volume (ULV) or thermal aerosol to control adult mosquitoes and flies of nuisance, public health or disease vector importance in areas such as but not limited to residential areas, industrial areas, commercial areas, urban areas, parks, campgrounds, woodlands, athletic fields, golf courses, playgrounds, recreational areas, overgrown waste areas, roadsides, and other areas where adult mosquitoes and flies may be found, such as: Corrals, feedlots, animal confinement houses, swine lots, poultry ranges and zoos, and also over crops as listed on this label.

OPTI MIST 30 30 ULV E.C. is recommended for application with ULV cold aerosol generators, thermal aerosol generators, mist-blowers, backpack sprayers, or handheld sprayers. Mist-blowers, Backpack sprayers, handheld sprayers and low-pressure hand sprayers may be used for barrier or surface applications.

FOR BEST RESULTS treat when mosquitoes or insects are most active and weather conditions are conducive to keeping the fog near the ground e.g. cool temperatures, and consistent wind speeds are not greater than 10 m.p.h. Applications during the cool hours of night or early morning are usually preferable. Apply this product only when wind speed is greater than 1 m.p.h.

Do not retreat the same site more than once in 12 hours. Do not apply more than 0.18 lb. of permethrin per acre per year to any site. 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.

Can be applied over specific growing crops

OPTI MIST 30 30 ULV E.C. can be applied over specific growing crops and range grasses prior to harvest for the control of adult mosquitoes and biting flies within or adjacent to these areas. Application can only be made where the following crops are present

Alfalfa	Corn, grain (field and pop)	Peaches
Almonds	Corn, stover	Pears
Apples	Corn, sweet kernel + cob with husks removed	Peppers, bell
Artichoke, globe	Eggplant	Pistachios
Asparagus	Filberts	Potato
Avocados	Garlic	Range Grasses
Broccoli	Horseradish	Soybeans
Brussels sprouts	Kiwifruit	Spinach
Cabbage	Leafy Vegetables except Brassica)	Tomatoes
Cauliflower	Lettuce, head	Vegetables, cucurbit
Celery	Mushrooms	Walnuts
Cherries	Onions, dry bulb	Watercress
Corn, forage		
Corn, fodder		

Do not allow spray treatments to drift on pastureland, cropland, (other than crops listed) or water supplies.

In the treatment of Corrals, feedlots, animal confinement houses, swine lots, poultry ranges and zoos, cover any exposed drinking water, drinking fountains and animal feed before application.

Air temperatures should be greater than 50° F when conducting all types of applications.

CONTROLS MANY INSECTS AS HERE LISTED

OPTI MIST 30 30 ULV E.C. provides effective control of adult mosquitoes, black flies, gnats, biting and non-biting midges, stable flies, horse flies, deer flies, sheep flies, horn and heel flies, and nuisance flying insects such as houseflies.

GROUND ULV APPLICATION

For Vehicle-Mounted ULV Cold Aerosol Generators (Cold fog): Apply through non-thermal ULV application equipment and base all acreage calculations on the equipment manufacturer's recommended swath width.

Spray equipment must be adjusted so the volume median diameter or mass median diameter is less than 30 microns (Dv 0.5 < 30 microns) and that 90% of the spray is contained in droplets smaller than 48 microns (Dv 0.9 < 48 m. 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 rates (s) are properly calibrated. Apply at a rate not to exceed 0.007 pound of permethrin per acre. An optimum swath is created when **OPTI MIST 30 30 ULV E.C.** is applied from a truck being driven perpendicular to the wind direction. Direct the spray head of the equipment to ensure an optimum distribution of the spray cloud throughout the area. For best results, apply when insects are most active and meteorological conditions are conducive to keeping the spray cloud near the ground. An inversion of air temperatures and a light breeze of approximately 1 to 3 m.p.h. is preferable. During applications consistent ground wind speeds should not exceed 10 MPH. Application of this product during cooler hours of the night or early morning is recommended.

OPTI MIST 30 30 ULV E.C. may be applied through all ULV Cold Aerosol Generators, or other similar equipment designed for non-thermal ULV aerosol applications. The desired application rate may be obtained from the adjacent chart or by altering the flow rate of the product from the application equipment and the vehicle speed. Some examples are provided in the following chart. When an alternate rate is required, adjust the flow rate accordingly, provided that the droplet size and spectrum remain within this label's specifications.

OPTI MIST 30 30 ULV E.C.

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FLOW RATE of OPTI MIST 30 30 ULV E.C. (fluid Ounces to apply Per Minute) Diluted with water or oil Based on a 15 Gallon Tank*						
Application Rate lbs. of Permethrin A.I. per Acre	Vehicle Speed (MPH)	Undiluted	Diluted 1 to 4	Diluted 1 to 5	Diluted 1 to 6.5	Diluted 1 to 9
0.0015	10	0.46	2.32	2.77	3.50	4.70
	15	0.70	3.47	4.15	5.20	7.00
	20	0.93	4.64	5.60	7.00	9.30
0.00175	10	0.55	2.70	3.24	4.05	5.40
	15	0.82	4.05	4.84	6.07	8.10
	20	1.09	5.40	6.48	8.10	10.80
0.0035	10	1.09	5.40	6.48	8.10	10.80
	15	1.65	8.10	9.88	12.10	16.10
	20	2.19	10.3	12.90	16.10	21.50
0.007	10	2.19	10.70	12.90	16.10	21.50
	15	3.28	16.10	19.40	24.20	
	20	4.38	21.40	25.80		

***Dilution Instructions:** Fill tank with appropriate amount of water for the desired dilution, then add OPTI MIST 30 30 ULV E.C. and mix well. The use of metering pumps, injector systems or other mixing systems is optional. Note: When using oil as a diluent thoroughly agitate well before use.

Where dense vegetation is present, use higher rates of application and / or a slower speed for best results. All applications should be conducted when temperatures are greater than 50° F.

BACKPACK OR HANDHELD SPRAY APPLICATIONS:

Apply through non-thermal ULV application equipment and base acreage applications on a 300-foot swath. To apply undiluted at 0.007 pounds of permethrin per acre adjust equipment to an output rate of 0.86 ounces per minute and walk at 4 m.p.h.. To apply 0.0035 pounds of permethrin per acre, dilute 1 part OPTI MIST 30 30 ULV E.C. with 6 parts of diluent and apply at a rate of 3 ounces per minute and walk at 4 m.p.h..

THERMAL AEROSOL APPLICATION:

For use in truck mounted, handheld or other thermal fogging equipment. Spray equipment must be adjusted so the volume median diameter or mass median diameter is less than 30 microns (Dv 0.5 < 30 microns) and that 90% of the spray is contained in droplets smaller than 48 microns (Dv 0.9 < 48 microns). 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. Apply this product mixed with water or oil at a rate not to exceed 0.007 lbs. per acre. Base acreage calculations on a 300 foot swath. For best results, direct the thermal fog into and allow to drift through areas where adult mosquitoes are found.

BARRIER APPLICATIONS: To control resting or flying adult mosquitoes in areas such as animal quarters, roadsides, urban areas, residential areas, commercial areas, industrial areas, golf courses, parks, recreational areas, tire piles and all public areas where adult mosquitoes occur or find harborage. May be used to treat aggregation and harborage areas such as the perimeter of residential buildings, commercial buildings, storage buildings, crawl spaces, transport trailers, abandoned or uninhabited buildings and other areas where adult mosquitoes find harborage.

When this product is applied as a barrier application using low pressure hand sprayers, hydraulic sprayers or ground ULV equipment, do not apply within 100 feet (31 meters) of lakes and streams.

To apply this product using low pressure hand sprayers or other similar equipment, for the control of mosquitoes on resting or aggregation surfaces mix 0.0875 oz. (2.59 ml) in one gallon of water and apply sufficient spray to dampen the surface - approximately 700-750 square feet of treated area. Use equipment that is capable of delivering an even distribution of the labeled rate over the treatment area. For application using backpack or truck-mounted mist-blower equipment apply OPTI MIST 30 30 ULV E.C. undiluted at a rate not to exceed 5.08 oz. per acre. If diluted apply at a rate not to exceed 0.1 lb. permethrin a.i. per acre. Diluted or undiluted applications may be made onto foliage at the perimeter of areas such as recreational areas, parks, or golf courses, from which mosquitoes or flies are to be excluded. Applications may be directed into harborage areas or other resting areas where adult mosquitoes or flies may be found.

URBAN ULV MOSQUITO CONTROL APPLICATIONS:

For control of resting or flying adult mosquitoes, biting flies and biting midges in harborage areas such as but not limited to, utility tunnels, sewers, storm drains and catch basins, pipe tunnels, basements, underground passages, parking decks, crawl spaces under buildings, abandoned buildings or uninhabited buildings. Apply OPTI MIST 30 30 ULV E.C. diluted or undiluted using mechanical foggers, handheld or truck mounted ULV equipment thermal foggers or other spray equipment suitable for this type of application. OPTI MIST 30 30 ULV E.C. may be applied at rates up to but not exceeding 0.007 lbs. permethrin per acre.

AERIAL APPLICATION

Apply OPTI MIST 30 30 ULV E.C. either diluted or undiluted at rates up to 0.007 lb. permethrin / piperonyl butoxide per acre by fixed wing or rotary aircraft equipped with a spraying system capable of making a ULV application. For aerial applications of OPTI MIST 30 30 ULV E.C. use ULV equipment and nozzles such as rotary atomizers or similar spray equipment. Spray equipment must be adjusted so the volume median diameter produced is less than 60 microns (Dv 0.5 < 60 microns) and that 90% of the spray is contained in droplets smaller than 115 microns (Dv 0.9 < 115 m). 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 rates (s) are properly calibrated.

Aerial application of OPTI MIST 30 30 ULV E.C. shall be made at altitudes ranging from 100 feet to 300 feet. Do not apply when ground wind speed equals 0 MPH or when ground wind exceeds 10 MPH. Aerial applications of OPTI MIST 30 30 ULV E.C. shall only be made when recommended by public health officials and trained personnel of mosquito abatement districts and other mosquito control programs. To ensure best results applications shall be made when temperatures are greater than 50° F.

For best results, apply OPTI MIST 30 30 ULV E.C. when insects are most active and meteorological conditions are conducive to keeping the spray cloud near the ground. Aerial applications using aircraft equipped with global positioning systems (GPS) may be needed to compensate for windy conditions and to ensure drift into target areas.

IN FLORIDA: Do not apply by aircraft unless approved by the Florida Department of Agriculture and Consumer Services.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store product in its original labeled container in a cool, dry, locked place designated for such insecticides and out of reach of children. Do not expose to extreme temperatures. In case of spillage, soak up with absorbent material such as sawdust, or fullers earth; sweep up and place in a labeled container and dispose of as follows. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved wastes disposal facility. **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for reconditioning if appropriate. Clean container promptly after emptying. (Metal) ***Triple rinse** or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other approved State and local procedures. (Plastic) ***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. ***Triple rinse as follows:** Empty the 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 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment. 1602-111

PRODUCT BATCH CODE NO.

NOTICE: Buyer and user assumes all risk and liability of use, storage/ or handling of this product but in accordance with the terms of the label.

Gil Manufacturing, Inc.

P.O. Box 242725 Montgomery, AL 36124 U.S.A.