


11930-2

11/6/2002

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	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 11930-2	Date of Issuance: NOV - 6 2002
		Term of Issuance: Conditional	
		Name of Pesticide Product: Omega Mist MAC	
(under FIFRA, as amended)			
Name and Address of Registrant (include ZIP Code): Gil Manufacturing, Inc. P.O. Box 230224 Montgomery, AL 36123			
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. 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. Make the labeling changes listed below before you release the product for shipment: a. Add the phrase "EPA Registration No. 11930-2". b. Under Thermal Aerosol Fogging Directions change "For use with <u>hand carried and/or lawn mower foggers...</u> " with "For use with Hand Carried and/or Lawn Mower Foggers... ".			
Signature of Approving Official:		Date:	

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We note that you will submit a storage stability study within one year of registration. This must be done in commercial containers following 0, 3, 6, 9 and 12 months of storage.

3. Submit two (2) copies of your final printed labeling before you release 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 constitutes acceptance of these conditions.

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

Enclosure

OMEGO MIST™ MAC

For Application only by Public Health Officials and Trained Personnel of Mosquito Abatement Districts and Other Mosquito Control Programs. An All Temperature, Quick Knockdown, Low Odor, Non-Corrosive, Synergized, Synthetic Pyrethroid for use in the control of Adult mosquitoes, Biting and Non-Biting Midges and Black flies in Residential, Recreational, and Non-Crop Waste Areas.

DIRECTIONS FOR USE

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

HOW TO APPLY

For proper ground application mount the fog applicator so that the nozzle is at least 4 1/2 feet above ground level and directed out the back of the vehicle. May be applied at speeds of 5 m.p.h. up to 20 m.p.h. Failure to follow these label directions may result in reduced effectiveness. For **Aerial Application refer to the **Aerial Application section on this label. OMEGO MIST MAC may be used as is, or diluted with a suitable solvent such as a 60 to 100 Sec. mineral oil and applied at a rate not to exceed 0.9789 fl. oz. of OMEGO MIST MAC, per acre. Both aerial and ground applications should be made when the wind is less than 10 M.P.H. For exact rates see the "UNDILUTED" or the "DILUTION" Rates charts on this label.

OMEGO MIST MAC is recommended for application as an Ultra Low Volume (U.L.V.) Thermal or Non-thermal aerosol (cold fog) to control adult mosquitoes, and other insects as listed on this label, in residential and recreational areas where these insect pests become a problem; such as, but not limited to parks, campsites, woodlands, athletic fields, golf courses, residential areas, municipalities, gardens, playgrounds, and non-crop waste areas. Do not apply this product within 100 feet (30 Meters) of lakes and streams. Do not allow treatment to drift on pastureland, cropland, poultry ranges, or water supplies. FOR BEST RESULTS treat when mosquitoes or insects are most active and weather conditions are conducive to keeping the fog close to the ground. e.g. cool temperatures and wind speeds are not greater than 10 m.p.h. Applications during the cool hours of night or early morning are usually preferable. Repeat treatment when recommended by Public Health officials, or mosquito Abatement Districts.

THERMAL AEROSOL FOGGING

TRUCK MOUNTED - Apply OMEGO MIST MAC diluted or undiluted with Suitable Thermal Fogging equipment. Droplet size of thermal "fog" will range 0.1 to 1.0 micron. If diluted use a 60 to 100 second viscosity mineral oil, or another suitable non-phytotoxic diluent, to reduce oil requirement and sludge buildup in equipment. Do not exceed the maximum rates. May be applied at speeds of 5 m.p.h. up to 20 m.p.h. **For use with hand carried and/or lawn mower foggers**, use the same rates of A.I. per acre with a 50 foot swath width at a walking speed of 2 m.p.h. Do not fog to wet foliage. Do not fog when wind conditions exceed 10 miles per hour. Only use a clean, well maintained, and properly calibrated Fogger, known to give excellent performance. Fog Down wind. Apply OMEGO MIST MAC to deliver 0.00175 to 0.01850 lb. of Permethrin a.i. and 0.00175 to 0.01850 lb. of Piperonyl Butoxide a.i. per acre.

AS AN INSECT BARRIER - USE A "BACKPACK" FOG - MIST BLOWER

For use in Non-Thermal ULV, motorized, portable, Backpack, Fog type Mist Blower equipment, apply OMEGO MIST MAC with equipment adjusted to deliver ULV particles of 50 to 100 mass median diameter. OMEGO MIST MAC may be applied undiluted or diluted (see Application Rates tables section). If diluted use a 30 to 100 second mineral oil, or another, (if recommended by Public Health Officials), suitable non-phytotoxic diluent. Use 0.00175 to .0185 pound Permethrin A.I. per acre at a 50 ft. (15.2 m) swath width, while walking at a speed of 2 m.p.h. (3.2 k.p.h.). Whether applied undiluted or diluted, or at a different speed, make sure that the same amount of Permethrin A.I. is applied / acre.

**AERIAL APPLICATION

The use of specially designed aircraft capable of applying ULTRA LOW VOLUMES of OMEGO MIST MAC at the Application Tables rates, may be considered necessary when conducted at the discretion of Public Health Officials, Mosquito Abatement Districts, or other trained personnel engaged in outdoor Mosquito and flying insect control programs when these insects threaten to become a public health hazard. Aerial applications should be made by suitable aerial ULV equipment capable of producing droplets with an MMD 50 or less, with no more than 2.5% exceeding 100 microns at an altitude of 300 feet and a forward speed of 150 m.p.h. achieving an effective swath width of 500 feet. Flow rate and swath width should be set so as to not exceed 0.9636 fluid ounce (0.0185 # permethrin and 0.0185# piperonyl butoxide a.i.) per acre. **PROHIBITION ON AERIAL USE IN FLORIDA:** Not for aerial application in Florida unless authorized by the Bureau of Entomology and the Florida Dept. of Ag. & Consumer Services.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE AND SPILL PROCEDURE:** Store upright at room temperatures. Do not expose to extreme temperatures. In case of spill or leakage, ventilate the area, wear chemical resistant gloves, and footwear. Soak-up the liquid with absorbent material such as sawdust, soil, fuller's earth, etc. Dispose of the resulting chemical waste, as follows. **PESTICIDE DISPOSAL:** Wastes resulting from a spill or the use of this product may be disposed of on site, or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Metal Containers - Triple rinse or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic Containers - Triple rinse or equivalent. Then offer for recycling or reconditioning, 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. 06-28-02

For Control of Adult Mosquitoes

Net Contents (5); or (30); Gallons

ACTIVE INGREDIENTS:

Permethrin: CAS [52645-53-1] - - - - - 30.0%

Piperonyl Butoxide CAS [51-03-6] - - - - - 30.0%

OTHER INGREDIENTS: * - - - - - 40.0%

Total 100.0%

*Contains Petroleum Distillate

Contains 2.45 lbs. A.I. Permethrin per gallon and 2.45 lbs. A.I. Piperonyl Butoxide per gallon.

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"

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. Do not give any liquid to the person. 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.

NOTE: Have this product container or label with you when calling a poison control center or doctor or when going for treatment.

NOTE TO PHYSICIAN: *contains petroleum distillate - vomiting may cause aspiration hazard. You may also call 1-800-858-7378 for emergency medical treatment advice.

Read entire label for Additional Precautionary Statements

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye damage injury. Harmful if swallowed or absorbed through the skin, or inhaled. 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.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates. 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 apply when weather conditions favor drift and runoff from treated areas. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not allow spray treatment to drift to pastureland, cropland, poultry ranges or water supplies. Do not contaminate water when disposing of equipment washwaters.

Bee Warning: 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 onto blooming crops or weeds while bees are actively visiting the treatment areas.

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

NOTICE:

Buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

EPA Reg. No. 11930-E EPA Est. No. 11930-AL-1

Net Contents (5) or (30) Gallons

GIL MANUFACTURING, INC.

P.O. BOX 230224 Montgomery, AL 36123

DIRECTIONS FOR USE

ULV NON-THERMAL AEROSOL

OMEGO MIST MAC is recommended (Cold Fog) to control adult mosquito insects are a problem, such as but not limited to residential areas, municipalities, gardens, not apply within 100 feet (30 meters) pastureland, cropland, poultry ranges and conditions are conducive to keeping by Public Health Officials or Mosquito Abatement Districts. apply OMEGO MIST MAC using any suitable aerosol fog with droplets ranging in size (MMD) of 15 to 20 microns, (droplets below 5 microns), with an application at a flow rate of 0.5472 to 5.7816 g.p.e. rates are equivalent to 0.00175 to 0.0185 piperonyl butoxide a.i. per acre. If a droplet rate according to vegetation density or when insect populations are high, flow rate. OMEGO MIST MAC may also be used as a solvent, applied so as not to exceed the maximum flow rate, provided a flow rate of 20 oz. per minute unless recommended by Public Health officials when fogging equipment is capable of.

CONDITIONS AND RATES

pounds a.i. per acre	APPROXIMATE FLOW RATE
PERMETHRIN PBO	5 MPH
0.01850 0.01850	2.8908
0.00700 0.00700	1.0938
0.00350 0.00350	0.5569
0.00175 0.00175	0.2736

DILUTION RATES

Mix 1 part OMEGO MIST MAC	per acre
pounds a.i. per acre	Fl. oz. p.e.
PERMETHRIN PBO	5 MPH
0.00700 0.00700	5.3847
0.00350 0.00350	2.6925
0.00175 0.00175	1.3464

Mix 1 part OMEGO MIST MAC	per acre
pounds a.i. per acre	Fl. oz. p.e.
PERMETHRIN PBO	5 MPH
0.00700 0.00700	9.5457
0.00350 0.00350	4.7727
0.00175 0.00175	2.3865

Mix 1 part OMEGO MIST MAC	per acre
pounds a.i. per acre	Fl. oz. p.e.
PERMETHRIN PBO	5 MPH
0.00700 0.00700	3.2814
0.00350 0.00350	1.6407
0.00175 0.00175	0.8205