

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Avoid breathing of mist. Do not contaminate food or feed products.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia.

If Inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

If On Skin: Remove contaminated clothing and wash affected areas with soap and water.

If In Eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

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 from treated areas. Drift and runoff treated areas may be hazardous to aquatic organisms in neighboring areas. Do not allow spray treatment to drift on pastureland, cropland, poultry ranges or water supplies. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Flashpoint: minimum of 170°F.

DIRECTIONS FOR USE

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

CONDITIONS and RATES to USE for MOSQUITO CONTROL

Permethrin/PBO pounds/acre	Application Rates Fl. oz./Min.			Fl. oz. Biomist® 4•12 per acre
	5MPH	10MPH	15MPH	
0.007/0.021	9.0	18.0	27.0	3.0
0.0035/0.0105	4.5	9.0	13.5	1.5
0.00175/0.00525	2.25	4.5	6.75	0.75

Do not apply this product within 100 feet (30 meters) of lakes and streams. BIOMIST® 4•12 ULV is recommended for application as an ultra low volume (ULV) nonthermal aerosol (cold fog) to control adult mosquitoes in residential and recreational areas where these insects are a problem. For best results treat when mosquitoes are most active and weather conditions are conducive to keeping the fog close to the ground, e.g. cool temperatures and wind speed not greater than 10 mph. Application during the cool hours of the night or early morning is usually preferable. Repeat treatment as needed. Consult the previous chart for application rates.

ACTIVE INGREDIENTS:

Permethrin (3-Phenoxyphenyl)methyl (±) cis-
trans-3-(2,2-dichloroethenyl)-2,2-dimethyl-
cyclopropanecarboxylate 4.00%w/w
Technical Piperonyl Butoxide 12.00%
INERT INGREDIENTS 84.00%

100.00%w/w

Contains petroleum distillates
Contains 0.3 pounds of Permethrin and 0.9 pounds
of Piperonyl Butoxide per gallon

CAUTION

KEEP OUT OF REACH OF CHILDREN

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

MANUFACTURED BY

CLARKE MOSQUITO CONTROL PRODUCTS, INC.

159 N. GARDEN AVENUE
ROSELLE, ILLINOIS 60442

ACCEPTED

07 MAR 1995

EPA EST No 83291LO
EPA Reg No 8329-34

NET CONTENT

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
Registered under
EPA Reg. No. 8329-34

NOTICE: Seller makes no warranty, expressed or implied concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when use and/or handling is contrary to label instructions.

U.L.V. Nonthermal Aerosol (Cold Fog) Application: To control Mosquitoes, Midges and Blackflies, apply BIOMIST® 4•12 ULV using any standard U.L.V. ground applicator capable of producing a nonthermal aerosol spray with droplets ranging in size from 5 to 30 microns and a mass median diameter (MMD) of 10 to 20 microns. * the product undiluted at a flow rate of 4.5 to 18.00 fluid ounces per minute at an average vehicle speed of 10 mph. If a different vehicle speed is used, adjust rate accordingly (see previous chart). These rates are equivalent to 0.017 to 0.07 pounds of Permethrin and 0.05 to 0.21 pounds of Piperonyl Butoxide per acre. Vary flow rate according to vegetation density and mosquito population. Use higher flow rate in heavy vegetation or when populations are high. An accurate flow meter must be used to ensure the proper flow rate. For proper 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. Failure to follow the above directions may result in reduced effectiveness. Aerial applications should be done by suitable aerial U.L.V. equipment capable of producing droplets with an MMD of 50 microns or less with no more than 2.5% exceeding 100 microns. Flow rate and swath width should be set so as to achieve 3.0 fluid ounces of BIOMIST® 4•12 ULV per acre. Application be made when wind is less than 10 MPH. Do not apply directly to lakes, ponds, or streams.

IN FLORIDA: Do not apply by aircraft except in emergency situations and with the approval of the Florida Department of Agriculture and Consumer Services.

STORAGE & DISPOSAL

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

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: 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.

CONTAINERS ONE GALLON AND SMALLER: Do not reuse container. Wrap containers in several layers of newspaper and discard in trash.

CONTAINERS LARGER THAN ONE GALLON: 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. Then dispose of in a sanitary landfill or by other approved state and local procedures.

BEST AVAILABLE COPY

FOR MORE INFORMATION CALL:
1-800-323-5727 (Outside Illinois)
1-800-942-2555 (Inside Illinois)