

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Avoid breathing spray mist. May cause eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Do not use on crops used for food, forage or pasture.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician or Poison Control Center. Do not induce vomiting because of aspiration hazard. If on skin, wash thoroughly with soap and water. If in eyes, flush with plenty of water. Get medical attention if irritation persists. Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Atropine by injection is antidotal only if symptoms of cholinesterase inhibition are present. D-PAM is also antidotal when given in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish, and aquatic invertebrates. Clean up spilled product to reduce exposure to wildlife. For 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. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS

Do not 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.

CONDITIONS and RATES to USE for MOSQUITO CONTROL

Area to be Treated	Area to be Treated	Area to be Treated
Tire Piles Use Directions	Dilute 16 fl. oz. of MOSQUITOMIST in 3 gallons of water to make a 1% chlorpyrifos mixture. Apply as a coarse spray. Be sure to cover entire exposed area of pile.	194 to 80
Light to Medium	0.024	90

ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3, 5, 6, -trichloro-2-pyridyl) phosphorothioate] 24.60%
 INERT INGREDIENTS 75.40%

100.00%

Contains Petroleum Distillates.

TO BE APPLIED ONLY BY OR UNDER THE SUPERVISION OF PUBLIC HEALTH ORGANIZATIONS, MOSQUITO ABATEMENT DISTRICTS OR CERTIFIED PEST CONTROL APPLICATORS

KEEP OUT OF REACH OF CHILDREN WARNING

MAY BE FATAL IF SWALLOWED
 MAY CAUSE IRRITATION

Avoid breathing of mist
 Avoid contact with skin or eyes. In case of contact, flush skin or eyes with plenty of water.
 Wash thoroughly after handling
 Do not contaminate food or feed products.
 SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MANUFACTURED BY

CLARKE MOSQUITO CONTROL PRODUCTS, INC.

159 N. GARDEN AVENUE
 ROSELLE, ILLINOIS 60172

E.P.A. EST. No. 83291L01

E.P.A. Reg. No. 8329-18

NET CONTENTS

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.

FOR MORE INFORMATION CALL:

1-800-323-5727

RECOMMENDED FOR AREA C OF ADULT MOSQUITO

CLARKE'S MOSQUITOMIST TWO U.L.V. is formulated for use in residential, recreational and other non-prolar

U.L.V. Nonthermal Aerosol (Cold Fog) Application: Apply CLARKE M standard U.L.V. (Ultra Low Volume) ground applicator capable of producing a n ranging in size from 5 to 30 microns and a mass medium diameter (MMD) of 10 to and MMD follow the accompanying directions. Calibrate the equipment to deliver at a dosage equivalent to 0.005 to 0.024 pounds of chlorpyrifos per acre based on vehicle speed of 10 mph. Under normal residential conditions a flow rate of 1.5 fluid oz. per minute at a different vehicle speed is used, adjust rate accordingly. An accurate flow meter rate. For proper application, mount the U.L.V. applicator so that the nozzle is directed out the back of the vehicle. Failure to follow the above directions may applications should be done by suitable aerial U.L.V. equipment at an altitude of 100 to 150 feet, achieving an effective swath width of 500 ft. Flow rate should be achieve a dosage rate of 0.024 pounds of active ingredient per acre (1.5 fluid oz. per minute). This product may also be diluted with a suitable diluent such as a high grade mineral oil or ground as long as the maximum rate of active ingredient per acre does not

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

Directions for Determining the Droplet Size and MMD of U.L.V. Nonthermal Aerosol: Collect droplets for measurement using glass microscope slides (1 x 3 inches) SC-87 Dri-Film). To prepare the slides, dip in a solution of one part silicone to 9 parts with lint-free paper tissue, and store in a tight slide box. To collect droplets, wave cloud at a distance of 6 feet from the point of discharge, holding the slides in a vertical position. Collect droplets on at least 2 slides and store in a tight slide box. Determine droplet size and calculate MMD by the following steps:

- Using a microscope with an eyepiece micrometer and 450 x magnification, determine the diameter of 100 impinged droplets on each slide.
 - Tabulate the number of droplets (N) falling within each size category (as in Step 1).
 - Multiply $D \times N$ for each size category.
 - Divide $D \times N$ for each size category by the sum of the products of $D \times N$, i.e. percent that each size category represents of the total.
 - Determine the accumulative percentage for each size category by accumulating the percentages calculated in Step 4, starting with the smallest size category.
 - Determine the size category that most closely corresponds to an accumulative percentage of 50% (approximate MMD in eyepiece divisions).
 - Convert the above MMD to microns by determining the number of microns in one eyepiece division and multiplying this value by the estimated MMD in eyepiece divisions.
 - The MMD determined in Step 7 must then be corrected for spread of the droplets (the spread factor). The value thus calculated is the true MMD in microns.
- NOTE:** Measure droplet size and determine MMD when the aerosol generator is new or after modifications or adjustment, and after every 50 hours of operation.

STORAGE AND DISPOSAL

- PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal.
- PESTICIDE DISPOSAL:** Pesticide spray mixture or rinse water that cannot be used should be disposed of according to applicable Federal, State or local procedures.
- CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer recycling or reconditioning or by other approved state and local procedures.
- GENERAL:** Consult Federal, State or local disposal authorities for approved alternatives.