

Yellow Copy

MP 2 9 00X

Mr. Kevin A. Magro  
Clarke Outdoor Spraying Company, Inc.  
159 Outdoor Garden Avenue  
P.O. Box 72288  
Roselle, IL 60172

Dear Mr. Magro.

Subject: Label Revision  
Dursban One ULV Mosquitocide  
EPA Registration Number 8329-24  
Your Letter Dated January 19, 1990

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, sec. 3(c)(7)(A), is acceptable 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.

2. Submit five (5) 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 sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

Dennis H. Edwards, Jr.  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAF 23 1990

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

8329-24

CLARKE

# Dursban® ONE U.L.V.

## For Application by Trained Personnel control adult mosquitoes in Residential Areas

### Precautionary Statements

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION** Harmful if swallowed, absorbed through the skin or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Snails, crabs, and fish may be killed at application rates recommended on this label. Do not apply to lakes, streams, or ponds where these are considered important resources. Consult your State Fish and Game Department before using this product. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

#### 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

CLARKE DURSBAN® ONE U.L.V. MOSQUITOCIDE is recommended for application either as a thermal fog or as an ultra low volume (U.L.V.) nonthermal aerosol (cold fog) to control adult mosquitoes in residential and recreational areas and other non-cropland 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 5 mph. Application during the cool hours of the night or early morning is usually preferable. Repeat treatment as needed.

<b>ACTIVE INGREDIENT:</b>	
Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate] .....	13.624
<b>INERT INGREDIENTS</b> .....	86.376
	100.000%

Contains one pound chlorpyrifos per gallon  
Contains petroleum distillates

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

## CAUTION

### KEEP OUT OF REACH OF CHILDREN

#### STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center. Do not induce vomiting because of aspiration hazard. Do not give anything by mouth to an unconscious person.  
If on Skin: Wash thoroughly with soap and water. Get medical attention if irritation persists.  
If in Eyes: Flush with plenty of water. Get medical attention if irritation persists.  
If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.  
Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Atropine by injection is antidotal only if symptoms of cholinesterase inhibition are present. 2-PAM is also antidotal when given in conjunction with atropine.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MANUFACTURED BY

**CLARKE OUTDOOR SPRAYING CO., INC.**

159 N. GARDEN AVENUE  
ROSELLE, ILLINOIS 60012

EPA EST. No. 83291101  
EPA Reg. No. 8329-24

#### 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.

DURSBAN® Trademark of The Dow Chemical Co.

**Thermal Fog Application:** Thoroughly mix 9 gallons of CLARKE DURSBAN MOSQUITOCIDE in 91 gallons of No. 2 fuel oil type oil suitable for insecticide finished fog solution with any calibrated to deliver 52.5 gallons per hour at a speed of 5 mph to cover a swath.

**U.L.V. Nonthermal Aerosol (Cold Fog):** CLARKE DURSBAN ONE U.L.V. MOSQUITOCIDE is applied by U.L.V. ground applicator capable of producing a fine mist aerosol spray with droplets ranging from 10 to 100 microns and a mass median diameter of 10 microns. Determine droplet size and mass median diameter by following directions. Calibrate the equipment to deliver 52.5 gallons of ONE U.L.V. MOSQUITOCIDE at a flow rate of 3.88 to 7.75 gallons per minute at a width of 300 feet. To obtain this flow rate, set the flow rate at a flow rate of 3.88 to 7.75 gallons per minute at an average vehicle speed of 10 mph. Under these conditions a flow rate of 4.3 gallons per minute at a different vehicle speed is used. An accurate flow meter must be used. For proper application, the nozzle is at least 4 feet above the back of the vehicle. Failure to follow these directions will result in reduced effectiveness which may deposit on and peen paint. Aerial applications should be made with equipment at an altitude of 300 feet and a wind speed of 3 to 5 miles per hour, achieving an effective application rate of 455 fluid ounces per acre. Dosage rate of 0.23 pounds of active ingredient of MOSQUITOCIDE per acre.

**Directions for Determining U.L.V. Nonthermal Aerosol (Cold Fog) Droplet Size:** Collect droplets on glass microscope slides (1 x 3 inches) using a Dri-Film solution of one part silicone to 9 parts alcohol. Polish with lint-free paper. Issue slides to collect droplets, wave the treated slides at a distance of 6 feet from the nozzle perpendicular to the path of the droplets on at least 2 slides and measurements can be made. Determine droplet size by following steps:  
1. Using a microscope with an objective lens of 100x magnification, measure the diameter of 100 impinged droplets.