

**Precautionary Statements**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING:** May be fatal if swallowed. Harmful if inhaled or absorbed through skin. 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.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). 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.

CLARKE 25% METHOXYCHLOR SPRAY is formulated for the control of Elm Bark Beetle, the vector of Dutch Elm Disease, adult mosquitoes, and other similar flying insects in residential, recreational and other non-cropland areas

**CONTROL OF ELM BARK BEETLE  
(VECTOR OF DUTCH ELM DISEASE)**

**MIST BLOWER, BACKPACK, HELICOPTER, OR FIXED WING AIRCRAFT**

**Dormant Spray:** Apply a 12% Methoxychlor Spray Thoroughly spray all bark surfaces any time after March 15th until appearance of elm leaves

**Foliage Spray:** Apply a 6% Methoxychlor Spray. Thoroughly cover leaf and bark surfaces after appearance of leaves in spring, approximately May 1st in Northern Illinois. Do not spray trees when temperatures exceed 90°F

**HYDRAULIC SPRAYER**

**Dormant Spray:** Apply a 2% Methoxychlor. Spray as recommended in mist blower use above

**Foliage Spray:** Apply a 1% Methoxychlor Spray as recommended in mist blower use above. Do not spray trees when temperatures exceed 90°F

**USE THE TABLE BELOW FOR 25% METHOXYCHLOR / WATER RATIOS TO ATTAIN DESIRED CONCENTRATION OF FINAL SPRAY MATERIAL.**

Finished Spray (Gal.)	METHOXYCHLOR			
	1%	2%	6%	12%
200	8-1/3 gal	16-2/3 gal	50 gal	100 gal
100	4-1/6 gal	8-1/3 gal	25 gal	50 gal
50	2 gal	4-1/6 gal	12-1/2 gal	25 gal



**CLARKE  
25%  
METHOXYCHLOR  
SPRAY**

(Contains 2 pounds METHOXYCHLOR per gallon)  
**ACTIVE INGREDIENTS:**

Methoxychlor: 1,1,1-trichloro-2,2-bis(p-methoxyphenyl)ethane .....	25%
<b>INERT INGREDIENTS (w/w) .....</b>	<b>75%</b>
<b>Total .....</b>	<b>100%</b>

Contains Aromatic Petroleum Solvent

\*25% Methoxychlor technical is equivalent to 22.0% 1,1,1-trichloro-2,2-bis(p-methoxyphenyl)ethane and 3.0% of other isomers and reaction products.

**KEEP OUT OF REACH  
OF CHILDREN  
WARNING**

**MAY BE HARMFUL IF SWALLOWED OR INHALED**

**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 OUTDOOR SPRAYING CO., INC**  
 159 N. GARDEN AVENUE  
 ROSELLE, ILLINOIS 60172

E.P.A. EST. No. 8329IL01  
 E.P.A. Reg. No. 8329-1

**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

**CONTROL OF ADULT MOSQUITOES**

CLARKE 25% METHOXYCHLOR SPRAY may be diluted with water and applied as a barrier or area treatment by aerial or ground equipment as directed below to control adult mosquitoes and other similar flying insects.

**BARRIER APPLICATION:** Use a 6% finished spray (see table below). Apply material in a 30 foot wide strip around area to be controlled using 4 gallons per lineal mile for a rate of 0.5 pounds active ingredient per acre. Be sure to cover both sides of leaves and the bark of any vegetation in the barrier strip. This material may be applied by ground with a backpack, hand can, hydraulic sprayer or mist blower. This application may also be made by helicopter.

**AREA SPRAY:** Use a 6% finished spray (see table below). Apply material at a rate of 1.1 gallons per acre (equivalent to 0.5 pounds active ingredient per acre). Be sure to cover both sides of leaves and the bark of any vegetation in the barrier strip. This material may be applied by ground with a backpack, hand can, hydraulic sprayer or mist blower. This application may also be made by helicopter.

**USE THE TABLE BELOW FOR 25% METHOXYCHLOR / WATER RATIOS TO ATTAIN DESIRED CONCENTRATION OF FINAL SPRAY MATERIAL.**

Finished Spray (Gal.)	METHOXYCHLOR			
	1%	2%	6%	12%
200	8-1/3 gal.	16-2/3 gal.	50 gal.	100 gal.
100	4-1/6 gal.	8-1/3 gal.	25 gal.	50 gal.
50	2 gal.	4-1/6 gal.	12-1/2 gal.	25 gal.

**U.L.V. NON-THERMAL AEROSOL (COLD FOG):** CLARKE 25% METHOXYCHLOR SPRAY may also be applied undiluted as a U.L.V. non-thermal aerosol (cold fog) at a dosage rate of 0.025 pounds of active ingredient per acre. Treatment by ground U.L.V. equipment such as the LECO HD should be applied at 10 MPH with a flow rate of 9 fluid ounces per minute as shown in the table below. Suitable backpack U.L.V. sprayers may also be used. Adjust flow rate to walking speed as shown on the table below.

APPLICATION SPEED (MPH)	FLUID OUNCES PER MIN.	ACTIVE INGREDIENT PER ACRE (POUNDS)
10	9	.025
5	4.5	.025
BACKPACK (Walking)		
2.5	2.25	.025

U.L.V. non-thermal aerosol (cold fog) should be allowed to drift through non-crop target area on breeze of 2-10 MPH. Repeat application as determined by mosquito population

**THERMAL FOG:** CLARKE 25% METHOXYCHLOR SPRAY may be used as a thermal fog to control adult mosquitoes. Fogging should be done at a speed of 5 MPH and a material rate of 5 to 7 gallons per acre of a 1% solution in fuel oil. (See table below)

	Fuel Oil	Methoxychlor Concentration	Acres Rate
For 100 gal of spray	96 1/2 gallons	3 1/2 gallons	1% 1/2 lbs active per acre
For 5 gallons of spray solution	4 gallons + 7 pints	1 pint	1% 1/2 lbs active per acre

**STORAGE AND DISPOSAL**

- 1 PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal
- 2 PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility
- 3 CONTAINER DISPOSAL:** 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
- 4 GENERAL:** Consult Federal, State or local disposal authorities for approved alternative procedures