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**KEEP FROM  
FREEZING**

# METHOXYCHLOR-25 INSECT SPRAY

FOR AGRICULTURAL USES ONLY.

**CONTROLS Mosquitoes, Gypsy Moth, Japanese  
Beetles and \*Certain other Caterpillars**

\*As Listed in Use Directions

ACTIVE INGREDIENTS:	BY WEIGHT
*Methoxychlor, Tech.....	25.0%
INERT INGREDIENTS:.....	75.0%
TOTAL.....	100.0%

\*25% Methoxychlor, tech is equivalent to 22.2% 2,2-bis (p-methoxyphenyl)-1,1,1-trichloroethane and 3% other isomers and related products.

Contains - 2 Pounds of Technical Methoxychlor Per Gallon

EPA Reg. No. 904-165

EPA Est. No. 6720-FL-1

**KEEP OUT OF REACH OF CHILDREN  
CAUTION CAUCIÓN**

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

**STATEMENT OF PRACTICAL TREATMENT  
THIS PRODUCT CONTAINS AROMATIC PETROLEUM SOLVENT.**

IF SWALLOWED: Drink 1 or 2 glasses of water. Call a physician or Poison Control Center and have stomach emptied immediately. Do not induce vomiting or give anything by mouth to an unconscious or comatose person. NOTE TO PHYSICIAN: This product contains a chlorinated hydrocarbon insecticide. Vomiting or careful gastric lavage is recommended. Epinephrin or other adrenergic amines can cause myocardial irritability. IF INHALED: Remove victim to fresh air. IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Launder clothing before reusing. IF IN EYES: Flush with plenty of water. Call a physician.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

Manufactured For  
Pratt-Gabrie Division  
MILLER CHEMICAL & FERTILIZER CORPORATION  
Hanover, Pennsylvania 17331

NET CONTENTS: 2 1/2 GALLONS LIQUID

Not Reviewed. Registrant claims to be in accordance with Reregistration of Pesticide Product Guidance for Phase 2 Response, Page 2.12, Active to Inert Change in Status.

## PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:** Harmful if swallowed. Avoid contact with skin and eyes. Wash thoroughly after handling. Avoid breathing vapor or spray mist. Avoid contamination of feed and foodstuffs. Keep pets and children off treated areas until dry.

**ENVIRONMENTAL HAZARD:** This product is toxic to fish. Do not apply directly to any body of water or wetlands. Do not contaminate water by cleaning of equipment or disposal of waste. Do not apply where runoff is likely to occur or when weather conditions favor drift from treated area. Cover bird baths and fish ponds. This product is toxic to bees and should not be applied when bees are actively visiting the area. Protective information may be obtained from your Cooperative Agricultural Extension Service.

**CHEMICAL HAZARD:** Do not use, pour or 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. Do not apply this product through any type of irrigation system.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Store in the tightly closed, original container in a locked area away from children and domestic animals.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**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.

## DIRECTIONS

**MIXING DIRECTIONS:** Add the recommended amount of Methoxychlor to about one half of the required volume of water and agitate. When completely mixed, add the balance of the water and agitate. General dilutions for ornamentals using HYDRAULIC SPRAY: 2 to 3 quarts per 100 gallons. 8 fl. oz. of Methoxychlor will make 8 to 12.5 gallons of spray. For hose-end sprayers, follow sprayer manufacturers directions. MIST BLOWERS generally require 8 to 10 times the concentration of hydraulic sprayers; therefore, 10 to 15 quarts of Methoxychlor will make 50 gallons of spray or 3.2 to 4.8 fl. oz. per gallon. For rapid application with a mist blower along city streets, increase Methoxychlor to 10 gallons to make 50 gallons of spray mix. Adjust output to 0.5 gallons per minute per average large tree. Adjust time according to the size of the tree. Do not over spray.

**LEAF FEEDING INSECTS ON FLOWERS, SHADE TREES AND ORNAMENTALS:** Apply to cover all plant surfaces when small larvae begin feeding. Controls: Cankerworms, Gypsy Moth, Juniper Webworm, Leaf Tiers and Rollers, Linden Looper, Pine, Spruce and Larch Sawflies, Tussock Moth, Hemlock looper. Apply in April and early June for Larch Casebearer. Apply mid-to-late May for Imported Willow Leaf Beetle and for Pine False Webworm. For Club Gail on Dogwood, apply during first two weeks of June. **ON FLOWERS:** Apply to Roses, Asters, Azaleas, Begonias, Camellias, Carnations, Chrysanthemum, Coleus, Dahlias, Delphiniums, Geraniums, Gladioli, Marigolds, Nasturtiums, Snap Dragons, and Zinnias to control Tent Caterpillars, Japanese Beetles, Leaf Hoppers, Lacebugs, Blister Beetles, Canker Worms, Cucumber Beetles, Flea Beetles, Leaf Hoppers, Rose Chafers, and Rose Slugs.

Application times are based metropolitan New York area. Consult your Agriculture Extension Service for best time to spray in your local area.

DO NOT spray Chinese Elms, Japanese Maples, Red Maples and Redbud.

DO NOT spray when temperature is above 65° F.

**ELM BARK BEETLE CONTROL—HOW TO USE:** Hydraulic Sprayers: Mix 8 gallons concentrate per 92 gallons of water. Apply enough spray to thoroughly cover all bark on trunk, limbs, and twigs (about 20 to 30 gallons of spray should cover a 50-foot elm tree). Mist Blowers: Mix ½ to 1 gallon concentrate per 1 gallon of water. Thoroughly cover all bark surfaces (2 to 3 gallons of spray should cover a 50-foot elm tree). **WHEN TO USE:** Apply as a dormant treatment in the Spring before leaves appear, when temperature is above 40° F, and there is no danger of freezing before spray dries. A second application may be made 2½ to 3 months after the first treatment. Reduce the active ingredient to 6% for a mist blower and to 1% for a hydraulic sprayer. Complete coverage of all bark is absolutely essential, especially the 1 year old twigs in the tops and outer reaches of the trees. The trunk and large branches should be soaked thoroughly. Spraying is supplementary to sanitation.

**AREA CONTROL OF ADULT MOSQUITOES:** To aid in the control of Mosquitoes, Gnats, and certain other flying insects around home grounds, patio, and picnic areas. Mix 2 Fluid Ounces of concentrate in 3 gallons of water. Apply as a coarse spray of resting surfaces such as grass, shrubs and tree trunks and branches to a height of 8 to 10 feet. Thoroughly wet plants but do not apply to point of run off on the soil. Do not spray patio surfaces. Keep children and pets off treated areas until spray dries. May also be applied to the same areas with a fog or mist applicator using 1 part concentrate to 4 parts of water. Best results are obtained by timing application to coincide with greatest mosquito activity in early morning or night. Do not apply more than 13 fl. oz. of concentrate (0.2 pounds of actual Methoxychlor per acre). Treat as large an area as possible. Repeat as necessary.

**FOR LARGE ACREAGE:** Dilute 5 gallons of concentrate in 20 gallons of water (5% actual Methoxychlor by weight). Apply at the rate of ½ gallon of spray mix per acre. Adjust Mist Blower to deliver a fine mist and apply to penetrate the areas occupied by adult mosquitoes. For best results misting should be done during the cooler hours of the night or early morning when the wind is not in excess of three miles per hour. Timing should coincide with the greatest mosquito activity. Repeat as necessary.

Special care should be taken when applying space treatment to large areas to avoid drift over streams, lakes, and ponds. Do not apply this treatment where food crops are grown.

**SCREEN PAINT.** For Punkies (No-See-Ums) Protection. Mix one part Methoxychlor with 4 parts of water (by volume) and paint solution on metal screens. Keep pets and children away from treated screens until dry. This solution will stain fabrics and affect plastic and many painted surfaces. Apply with care. Do not treat plastic screening.

**RE-ENTRY AND ADDITIONAL APPLICATION RESTRICTIONS FOR AGRICULTURAL CROPS REQUIRING FARMWORKER HAND LABOR TASKS**

Do not apply this product in such a manner as to directly, or through drift, expose workers or other persons. The area treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing, until sprays have dried. Protective clothing means at least a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall type garment (all closely woven fabric covering the body), shoes and socks.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in treated area or in an area about to be treated with this product. Instruct workers of the area or fields that must be vacated and not re-entered until the sprays have dried. Acquaint workers with the information appearing on this label under "Hazards to Humans and Domestic Animals" and "Statement of Practical Treatment". When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: 1) The name of this product; 2) Date of application; 3) The statement: "Do not enter without appropriate protective clothing until sprays have dried."; 4) The information given under "Hazards to Humans and Domestic Animals" and "Statement of Practical Treatment" that is appropriate in case of accidental exposure.

**DIRECTIONS FOR USE ON AGRICULTURAL CROPS REQUIRING FARMWORKER HAND LABOR TASKS**

**FRUIT CROPS:** Apply only to the following crops. Use mixing directions given under Ornamental Sections. Observe timing of last application before harvest. Spray all plant surfaces and fruit. Begin at petal fall and repeat at 7 to 14 day intervals as needed to control. Apple Maggot, Cherry Fruit Worm, Codling Moth, Leaf Hoppers, Plum Curculio, Tent Caterpillar and Japanese Beetle. Do not apply later than 7 days before harvest on Apples, Cherries, Pears, Plums, or later than 21 days of harvest on Peaches and Apricots.

Apply the same concentration to Strawberries, Blueberries, Raspberries, Blackberries, Currants, Gooseberries, and Grapes. To control Cankerworm, Grape Berry Moth, Grape Leaf Skeletonizer, Oriental Fruit Moth, Rose Chafer, Leaf Hopper, Spittlebug, and Strawberry Weevil. DO NOT apply within 14 days of picking.

DO NOT USE with materials containing sulphur or other substances incompatible with oil. DO NOT USE on crops within 14 days of application of any material containing sulphur.

**VEGETABLES (ONLY AS LISTED):** Follow general mixing directions under Ornamental Section. Observe time of last application before harvest or grazing. Apply to tomatoes, beans, cabbages, cauliflower, eggplants, peas, peppers, and potatoes to control Bean Leaf Beetles, Blister Beetles, Cabbage Worms, Colorado Potato Beetles, Japanese Beetles, Leaf Hoppers, Mexican Bean Beetles and Lace Bugs. DO NOT apply within 7 days of picking. Wash residue off all crops before using. Do not apply more than 100 gallons of spray per acre or 2.25 gallons per 1000 sq. ft.

**LIMITED WARRANTY:** BUYER ASSUMES ALL RISKS OF USE, STORAGE OR HANDLING OF THIS MATERIAL NOT IN STRICT ACCORDANCE WITH DIRECTIONS GIVEN HEREWITH.

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Prod. No. 12225



**HAZARDOUS SUBSTANCE  
(METHOXYCHLOR MIXTURE LIQUID)  
(RQ) NA-9188**

