



METHOXYCHLOR 4L INSECTICIDE

RECEIVED  
NOV 8 1982  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this product is registered under No. 19713-118

ACTIVE INGREDIENT:	
Methoxychlor . . . . .	41.70%
INERT INGREDIENTS: . . . . . 58.30%	
TOTAL . . . . .	100.00%

Contains 36.70% 2,2-bis(p-methoxyphenyl)-1,1,1-trichloroethane and 5.00% related compounds.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**  
**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.  
**IF IN EYES:** Immediately flush eyes with plenty of water and get medical attention.  
**IF ON SKIN:** Wash thoroughly with soap and warm water. Get medical attention if irritation persists.

See Side Panel For Additional Precautionary Statements.

EPA Reg #19713-118  
EPA Est #19713-118-1

Net Content: \_\_\_\_\_

Manufactured by: Drexel Chemical Company  
Memphis, Tennessee 38109

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PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals.

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Do not breathe spray. Wash thoroughly after handling and before eating or smoking. Keep away from food, feedstuffs or water supplies.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to lakes, streams or ponds. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are considered important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label. This product is highly toxic to bees exposed to direct treatment or to residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

GENERAL INFORMATION:

Methoxychlor 4L Insecticide should be used only in accordance with the recommendations on this label. NOTE: PHI stands for Pre-harvest Interval.

DIRECTIONS FOR USE:

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

VEGETABLES

ASPARAGUS - Asparagus Beetles: 1 to 2½ quarts per acre. PHI: If applied within 3 days of harvest, remove residues by washing or blanching.

BEANS, BLACK-EYED PEAS - Corn Earworm, Cucumber Beetles, Fall Armyworm, Alfalfa and Garden Webworms, Flea Beetles, Mexican Bean Beetle, Potato Leafhopper, Bean Leaf Beetle, Japanese Beetle: 1 to 3 quarts per acre. PHI: 7 days, apply within 3 days of harvest if vines are not used for feed or forage.

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BRUSSELS SPROUTS, BEETS, BROCCOLI, CABBAGE, CARROT, CAULIFLOWER, COLLARD, EGGPLANT, KALI, KOHLRABI, LETTUCE, PEPPER, RADISH, RUTABAGA, SPINACH, TURNIP - Blister Beetles, Flea Beetles, Leafhoppers, Alfalfa Looper, Fall Armyworm, Japanese Beetle, Imported Cabbageworm: 1 to 2½ quarts per acre. PHI: 14 days except cauliflower, radishes and rutabagas, 7 days; cabbage, 3 days, eggplant, kohlrabi, and pepper, 7 days (1 day at 1 3/4 quart per acre or less).

CORN - Fall Armyworm, Armyworm, Japanese Beetle, Flea Beetles: 1 to 2½ quarts per acre. PHI: 7 days.

CUCUMBER, MELONS, PUMPKIN, SQUASH, SUMMER SQUASH - Squash Vine Borer, Fall Armyworm, Cucumber Beetles, Flea Beetles - 1 to 3 quarts per acre. PHI: 1 day for rates of 1 3/4 quarts per acre and below, otherwise, 7 days.

PEAS - Alfalfa Looper, Pea Weevil (to foliage early bloom before eggs are laid and again 5 days later). Bean Leaf Beetle: 1 to 3 quarts per acre. PHI: 7 days.

POTATO (IRISH) - Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles: 1 to 2½ quarts per acre. PHI: None.

SWEET POTATO, YAM - Fall Armyworm, Flea Beetles - 1 to 2½ quarts per acre. PHI: NONE.

TOMATO - Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles: 1 to 3 quarts per acre. PHI: 1 day for rates of 1 3/4 qts. and below, otherwise, 7 days.

#### FARM BUILDINGS

(Except Poultry Houses)

For control of Stables Flies, Houseflies, Face Flies, Fleas, Mosquitoes: Use 2 pints in 2½ gallons of water. Apply 1 gallon of spray to 500 square feet of surface, treating walls, floors, cracks, crevices, baseboards, pet bedding, stalls and pens. Such heavy deposits usually are effective for 3 to 6 weeks unless removed by weathering or other means. Care should be taken to avoid contamination of milk handling equipment, feed stuffs, feed troughs and water receptacles. Dairy animals should not be present while spraying. The use of any residual fly spray should be supplemented with proper sanitary measures, including spraying or removal of breeding sources such as manure in and around buildings.

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MUSHROOM HOUSES - Mushroom Fly - Use 2 pints in 3 gallons of water, apply 1 gallon of spray to 500 square feet of beds, walls, floors, and posts. Apply 3 weeks and 1 week before emergence of mushrooms. Do not apply after mushrooms appear in bed.

GRAIN STORAGE BINS, ELEVATOR TUNNELS (GALLERY FLOOR, HEADHOUSE)  
PEANUT WAREHOUSES, FREIGHT CARS, GRAIN TRUCKS, SHIPS' HOLDS

Aids in control of Cadelle, Flat Grain Beetle, Saw-Toothed Grain Beetle, Lesser Grain Borer, Red Flour Beetle, Long-Headed Flour Beetle, Rice Weevil, Granary Weevil, Confused Flour Beetle, Foreign Grain Beetle and Hairy Fungus Beetle: Use 2 pints in 2½ gallons of water, apply 1 gallon of spray per 500 square feet of surface. Treat when empty.

#### STORED SEED

SEED POTATOES - Potato Tuberworm: Sprinkle Methoxychlor 41 over potatoes at 1.9 ounces per 100 pounds before placing in storage. Do not use treated seed for food or feed purposes.

#### MOSQUITO BREEDING AREAS

Apply as a mosquito larvicide for control of spring brood by making a single application during winter months at 1 quart per acre. Apply to known nonagricultural mosquito breeding sites such as parks, beaches, public dumps, standing water, temporary rain pools and similar non-crop areas.

#### FLOWERS, ORNAMENTALS

For control of Blister Beetles, Cankerworms, Cucumber Beetles, Flea Beetles, Fleahoppers, Flower Thrips, Japanese Beetle, Leafhoppers, Rose Chafer, Rose Slugs (sawflies): Use 1 to 1½ quarts per 100 gallons of water, or .32 ounces per gallon, spray thoroughly to runoff. Begin applications when insects first appear and repeat at 7 to 14 day intervals or as needed.

#### SHADE TREES AND SHRUBS

Tent Caterpillars, Cankerworms, Japanese Beetle: Use 1 to 1½ quart per 100 gallons of water or .32 ounces per gallon. Spray thoroughly to runoff. Begin applications when insects first appear and repeat at 7 to 14 day intervals as needed.

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BLUEBERRY, CRANBERRY, CURRANT, GOOSEBERRY - Japanese Beetle, Cranberry Fruitworm, Leafhoppers, San Jose Scale (crawlers): 1 to 3 quarts per acre or 1 to 1½ quart per 100 gallons water at 100 to 200 gallons per acre. PHI: 14 days.

BLACKBERRY, LOGANBERRY, RASPBERRY, BOYSENBERRY, DEWBERRY, YOUNG-BERRY, STRAWBERRY - Rose Chafer, Strawberry Weevil, Flea Beetles, Omnivorous Leaf Tier, Spittlebugs, Japanese Beetle: 1 to 1½ quart per acre or per 100 gallons water per acre. PHI: 14 days.

GRAPE - Berry Moth, Grape Leafhopper, Japanese Beetle, Leaf Skeletonizer, Rose Chafer: 1 to 3 quarts per acre or 1 to 1½ quarts per 100 gallons water at 100 to 200 gallons per acre. PHI: 14 days

#### LIVESTOCK

BEEF CATTLE, NON-LACTATING SHEEP, SWINE, GOATS AND DAIRY CATTLE:

- For control of Hornflies, Lice and Fleas: Repeat treatment every 3 weeks as needed; may be used on young dairy animals up to two weeks of freshening.

Spray or Dip - Use 1 quart in 25 gallons of water. As a spray, wet animals to the skin. For control of tail louse of cattle, use 2 to 3 quarts in 25 gallons of water and apply as a spray on infested tail only.

Hogs - For control of lice, use ½ quart Methoxychlor 4L Insecticide to 12½ gallons of water applied as a drenching spray.

CONTACT AND SPACE SPRAY FOR FLIES - To reduce populations of houseflies and stable flies in farm buildings (except poultry houses), in barnyards, in alleys, on dumps and other outdoor locations, dilute ½ pint of Methoxychlor 4L Insecticide with 2½ gallons of water and apply in space by mist blower or directly to flies by hydraulic sprayer, hand sprayer or cylindrical pressure sprayer. Care should be taken to avoid contamination of milk handling equipment, feedstuffs, feed troughs and watering receptacles. Dairy animals should not be present while spraying.

COMPATIBILITY - Do not use this product with any spray materials which are incompatible with oil. Do not apply within 14 days of sulfur or sulfur-product applications.

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#### AGRICULTURAL CROPS

Apply Methoxychlor 4L Insecticide at recommended rates as a spray with ground or aerial equipment to thoroughly cover foliage and fruit. Mix Methoxychlor 4L Insecticide in water using the appropriate volume of water for equipment to be used (for example, 5 to 20 gallons per acre for aircraft or ground concentrate sprayers and greater amounts for high volume sprayers). Continuous agitation is required to keep the material in suspension. For small areas, use .32 ounces of Methoxychlor 4L Insecticide per gallon of water and apply as a thorough coverage spray.

#### FORAGE AND FIELD CROPS

ALFALFA, CLOVER, COWPEA, FORAGE GRASSES - Alfalfa Caterpillar, Alfalfa Weevil (larvae), Clover Leaf Weevil, Blister Beetles, Leafhoppers, Cucumber Beetles, Mexican Bean Beetle, Webworms, Fall Armyworm, Cowpea Curculio, Flea Beetles, Japanese Beetle, Pea Weevil, Spittlebugs, Velvet Bean Caterpillar: 1 to 3 quarts per acre. PHI: 7 days.

PEANUT, SOYBEAN - Velvet Bean Caterpillar, Mexican Bean Beetle, Japanese Beetle, Blister Beetles, Garden Webworm, Alfalfa Webworm, Cowpea Curculio, Leafhoppers, Fall Armyworm: 1 to 3 quarts per acre. PHI: 7 days.

#### FRUITS

APPLE, PEAR, QUINCE - Apple Maggot, Codling Moth, Japanese Beetle, Plum Curculio, Tent Caterpillars: 3 3/4 to 7 1/2 quarts per acre or 1 to 1 1/2 quarts per 100 gallons of water at 350 to 500 gallons per acre. PHI: 7 days.

APRICOT, CHERRY, NECTARINE, PEACH, PLUM, PRUNE - Cherry Fruitworm, Cherry Fruitflies, Japanese Beetle, Plum Curculio, Rose Chafer, Tent Caterpillar, Cankerworms: 3 3/4 to 7 1/2 quarts per acre, or 1 to 1 1/2 quarts per 100 gallons of water at 350 to 500 gallons per acre. PHI: 7 days for cherries, plums, prunes; 21 days for apricots, nectarines, peaches.

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### STORAGE AND DISPOSAL

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

#### PESTICIDE DISPOSAL:

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to approved Federal, State or local procedures.

#### 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 authorities.

#### WARRANTY - CONDITION OF SALE:

DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is however impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of Drexel Chemical Company or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result.

ALL SUCH RISKS ARE ASSUMED BY THE BUYER.

Drexel warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. Drexel makes no other warranties, express or implied, including FITNESS OR MERCHANTABILITY. In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.



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