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ACCEPTED

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Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 19713-113

METHOXYCHLOR 40 INSECTICIDE

ACTIVE INGREDIENT:

Methoxychlor: 1,1,1-trichloro-2, 2-bis
(p-methoxyphenyl) ethane.....41.70%

INERT INGREDIENTS:.....58.30%

TOTAL.....100.00%

Contains 41.70% 1,1,1-trichloro-2, 2-bis (p-methoxyphenyl) ethane and 58.30% related compounds.

This product contains 4 pounds of active ingredient per gallon.

KEEP OUT OF THE REACH OF CHILDREN

CAUTION

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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. No. 19713-113
EPA Est. No. 19713-M3-1

Net Contents:



Manufactured By
Drexel Chemical Company
PO BOX 6288, MARYLAND TOWN, 20640-0288

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PRECAUTIONARY STATEMENTS

Avoid contact with skin, eyes or clothing.

CAUTION: Beware of swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Do not breathe vapors. Wash thoroughly after handling and before eating or drinking. 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 there are concentrated important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not allow contact with water. Do not use as a substitute or replacement of water. 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 can 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 40 Insecticide should be used only in accordance with the recommendations on this label. NOTE: PHI stands for Preharvest Interval.

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.

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

WORKER SAFETY RULES AND REENTRY PROTECTION STATEMENT

Do not enter or allow entry into treated areas until sprays have dried to perform hand labor tasks. A person may enter the area to perform other tasks only if the person is

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

VEGETABLES

ASPARAGUS - Colorado Beetles: 1 to 2-1/4 qt. per acre. PHI: 7 days.

LETTUCE - Fall Armyworm, Imported Cabbageworm, Cabbage Leafminer, Fall Armyworm, Cutworms and other webworms, Flea Beetles, Mexican Flea Beetle, Potato Leafhopper, Bean Leaf Beetle, Japanese Beetle, Rose Chafer, Towhee Caterpillar: 1 to 2-1/4 qt. per acre. PHI: 7 days.

BRUSSELS SPROUTS, BEETS, BROCCOLI, CABBAGE, CANTALOUPE, CARROT, CAULIFLOWER, CUCUMBER, EGGPLANT, PACE, POKER-PLANT, LETTUCE, PEPPER, RADISH, RUTABAGA, SPINACH, TURNIP - Blister Beetles, Flea Beetles, Leafhoppers, Alfalfa Looper, Fall Armyworm, Japanese Beetle, Imported Cabbageworm: 1 to 2-1/4 qt. per acre. PHI: 14 days except cauliflower, radishes and rutabagas, 7 days; cabbage, 5 days; eggplant, kohlrabi, and pepper, 7 days (1 day at 1-3/4 qt. per acre or less).

CORN - Fall Armyworm, Armyworm, Japanese Beetle, Flea beetles, Rose chafer: 1 to 2-1/4 qt. per acre. Do not feed treated corn to livestock. PHI: 7 days.

CUCUMBER, MELONS, PUMPKIN, SQUASH, SUMMER SQUASH - Squash Vine Borer, Fall Armyworm, Cucumber Beetles, Flea Beetles - 1 to 3 qt. per acre. PHI: 1 day for rates of 1-3/4 qt. 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 qt. per acre. Do not graze or feed treated pea vines or pea hay to livestock. PHI: NONE.

POTATO (Irish) - Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles: 1 to 2-1/4 qt. per acre. PHI: NONE.

Use 2 pt. in 2-1/2 gal. of water: apply 1 gal. of spray to 500 sq. ft. of surface.

TOMATOES - Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Flea Beetles: 1 to 2 pt. per acre. Apply 1 to 2 times per season. For details, see table.

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APPLES - 1 to 2 pt.

Use best available copy.

For control of Stable flies, House flies, Face flies, Fleas, Mosquitoes:

Use 2 pt. in 2-1/2 gal. of water. Apply 1 gal. of spray to 500 sq. ft. of surface, treating walls, floors, cracks, crevices, baseboards, wet bedding, stalls, and pens. Such heavy sprays usually are effective for 3 to 6 weeks unless needed by weathering or other means. Care should be taken to avoid contamination of milk handling equipment, feed stuff, manure, and water receptacles. Dairy animals should not be present while spraying. The use of any residual fly spray should be supplemented with proper sanitation measures, including spraying or removal of breeding sources such as manure in and around buildings.

Dairy animals should not be present while spraying.

MUSHROOM HOUSES - Mushroom Fly: Use 2 pt. in 3 gal. of water; apply 1 gal. of spray to 500 sq. ft. of beds, walls, floors, and coats. 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, SHIP'S 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 pt. in 2-1/2 gal. of water; apply 1 gal. of spray per 500 sq. ft. of surfaces. Treat when empty. Allow bins to air dry before refilling with grain, 2 to 4 weeks.

STORED SEED

SEED POTATOES - Potato Tuberworm: Sprinkle METHOXYCHLOR 4L over potatoes at 1.9 oz. (in enough water to provide thorough coverage) per 100 lb. before placing in storage. Do not use treated seed for food or feed purposes.

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MOSQUITO BREEDING AREAS

Mosquito breeding areas should be sprayed with insecticide for effective control. Mosquito breeding areas include agricultural lands such as parks, beaches, public dumps and residential areas.

Use of insecticide is most effective if applied during the active periods of the adults, morning and evening. Avoid fogging when winds exceed 5 m.p.h. as its effectiveness is reduced.

For fogging large areas, prepare a 100 gal. batch of spray material: mix 1.75 gal. of METHOXYCHLOR 4L Insecticide in 98-1/2 gal.

For fogging smaller areas, mix 0.5 pt. of METHOXYCHLOR 4L Insecticide in 4-7.8 gal. of light fuel oil (5 gal. batch) and apply 5 gal. 4.

For mist blowing or sprayer equipment, prepare mixing of the METHOXYCHLOR 4L Insecticide with water. For mist blowing or sprayer, mix 2 gal. of METHOXYCHLOR 4L Insecticide with 100 gal. of water.

For spray application areas, mix .75 pt. of METHOXYCHLOR 4L Insecticide in 4-7.8 gal. of water (5 gal. batch) and apply 5 gal. per acre.

For aerial application over large land masses at low volume, mix .5 gal. of METHOXYCHLOR 4L Insecticide in 15 gal. of light fuel oil and apply approximately 4 gal./A.

For mosquito larval control, mix .5 pt. of METHOXYCHLOR 4L Insecticide in either light fuel oil or water to make 10 gal. of spray. Apply to 1 acre of marshland, swamp or low lying areas. Thorough, even coverage is essential for effective control. Repeat application as infestation warrants. Apply only to known mosquito breeding sites.

FLOWERS, ORNAMENTALS

For control of Blister Beetles, Cankerworms, Cucumber Beetles, Flea Beetles, Fleahoppers, Flower Thrips, Japanese Beetle, Leafhoppers, Rose Chafer, Rose Flugs (sawflies): Use 1 to 1-1/2 pt. per 100 gal. of water, or .32 oz. per gallon; spray thoroughly to runoff. Begin applications when insects first appear and repeat at 7 to 14 day intervals or as needed.

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PREPARATION OF 12% SOLUTIONS

12% sprays of the following insecticides may be used with a mist blower or a conventional sprayer. Dilute with water as recommended in the following table.

12% spray: Dilute 1 part METHOXYCHLOR 4L Insecticide with 11 parts of water for mist blower application. Dilute 1 part METHOXYCHLOR 4L Insecticide with 24 parts of water for conventional sprayer.

**RATE OF 6% SOLUTION PER TREES
Tree Height**

Insects	25-50'	51-65'	65-80'	80-100'	GAL./A
Cankerworm	2	2	3	4	2
Eastern Tent Caterpillar	2	2	3	4	2
Emerald Green Leafhopper	2	4	4	4	2
Fall Webworm	1.5	1	2	3	1
Forest Tent Caterpillar	1	1.5	2	3	2
Green Mite	1.5	1	2	3	1
Japanese Beetle	2	4	4	4	2
Lace Bug/Scale and Sawfly	1.5	2	3	4	2
Maple Treehopper	1.5	2	3	4	2
Tussock Moth	2	2	3	4	2

PREPARATION OF 6% SOLUTIONS

12% Spray: Dilute 1 part METHOXYCHLOR 4L Insecticide with 24 parts of water.

6% Spray: Dilute 1 part METHOXYCHLOR 4L Insecticide with 6 parts of water.

2% Spray: Dilute 1 part METHOXYCHLOR 4L Insecticide with 24 parts of water.

1% Spray: Dilute 1 part METHOXYCHLOR 4L Insecticide with 48 parts of water.

Control of Elm Bark Beetle (Vectors of Dutch Elm Disease) -
Apply first application before elm flowers or leaves sprout using a 12% spray solution of METHOXYCHLOR 4L Insecticide with a mist blower, or a 2% spray solution in a conventional sprayer. This application will usually be applied in March in the Southern States and in April in the Northern States. Use 2 to 3 gal. of spray solution, wetting all surfaces thoroughly.

Second application should be made 2-1/2 to 3 months after the first treatment. Reduce the active ingredient to 6% for mist blower, and 1% for conventional sprayer. Cover all leaf and bark surfaces.

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Use an aerial application of METHOXYCHLOR 40 Insecticide with a carrier of 10 to 15 gallons per acre. Use conventional sprayers if the insecticide is applied to the ground. The following information is for use in the United States. Thoroughly cover all leaf surfaces. When second flush of growth appears, usually 1 to 2 months after first treatment, repeat the above application covering all leaf surfaces thoroughly.

In those states where both elm leafhopper and elm leaf beetle are known to be present, a three spray schedule will provide effective control. Apply protective spray before elm flowers or leaves sprout, follow with second protective spray 2 1/2 to 3 months after the first. Then apply the third protective spray about 1 to 2 months after the second protective spray. Be sure to thoroughly cover all bark and foliage of trees with each protective spray.

APPLICATION PROCEDURES

Apply METHOXYCHLOR 40 Insecticide at recommended rates as a spray with ground or aerial equipment to thoroughly cover foliage and fruit. Use METHOXYCHLOR 40 Insecticide in water using the appropriate volume of water for equipment to be used (for example, 3 to 20 gal. A for aircraft or ground concentrate sprayers and greater amounts for high volume sprayers). Thorough agitation is required to keep the material in suspension. For small areas, use .38 cc. of METHOXYCHLOR 40 Insecticide per gal. 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 Armyworms, Armyworm, Cowpea Curculio, Flea Beetles, Japanese Beetle, Pea Weevil, Spittlebugs, Velvet Bean Caterpillar: 1 to 3 qt. per acre. Do not graze or feed treated cowpea vines or cowpea hay to livestock. 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 qt./A. Do not graze or feed treated soybean hay or straw to livestock. PHI: 7 days

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APPLES

APPLES - For control of Japanese Beetle, Plum Curculionid, Tent Caterpillars: 3-3/4 to 7-1/2 qt. A. or 1 to 1-1/2 gal. of water at 500 to 750 ppm. PHI: 14 days.

APRICOTS, PEACHES, PLUMS, CHERRY PLUMS, PLUMS, PEACHES - Japanese Beetle, Plum Curculionid, Rose Chafer, Tent Caterpillar, Cankerworms: 3-3/4 to 7-1/2 quarts per acre, or 1 to 1-1/2 quarts per 100 gal. of water at 500 to 750 ppm per acre. PHI: 14 days for cherries, plums, nectarines and peaches for apricots, nectarines, peaches.

BLUEBERRY, CRANBERRY, CURRANT, GOOSEBERRY - Japanese Beetle, Crabapple, Fruitworm, Leafhoppers, San Jose Scale (crawlers): 1 to 3 qt. A. or 1 to 1-1/2 qt. per 100 gal. water at 100 to 200 ppm. PHI: 14 days.

BURROTT, LOGANBERRY, RASPBERRY, RIBES, DEWBERRY, STRAWBERRY, STRAWBERRY - Apple Tree, San Jose Scale, Crabapple, Fruitworm, Leafhoppers, San Jose Scale (crawlers): 1 to 3 qt. A. or 1 to 1-1/2 qt. per 100 gal. water at 100 to 200 ppm. PHI: 14 days.

GRAPE - Grape Moth, Grape Leafhopper, Japanese Beetle, Leaf Skeletonizer, Rose Chafer: 1 to 3 qt. A. or 1 to 1-1/2 qt. per 100 gal. water at 100 to 200 ppm. A. PHI: 14 days.

LIVESTOCK

BEEF CATTLE, NON-LACTATING EWES, SWINE, GOATS AND TAIBY CATTLE:

For control of Hornflies, Lice and Fleas: Repeat treatment every 2 weeks as needed; may be used on young dairy animals up to two weeks of freshening. Maximum rate of application 2 qts. of 1:25 dilution per head and proportionately less for smaller head.

Spray or Dip - Use 1 qt. in 25 gal. of water. As a spray, wet animals to the skin. For control of tail louse of cattle, use 2 to 3 qt. in 25 gal. of water and apply as a spray on infected tail only. Do not dip calves under 1 month of age.

HOGS - For control of lice, use 1/2 qt. METHOXYCHLOR 4E Insecticide to 12-1/2 gal. 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

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water. Dilute 1.5 parts of METHOXYCHLOR 4L in 100 parts of water. Do not use water which has been treated with chlorine or other chemicals. Do not spray in the presence of a fire. Care should be taken to avoid contamination of mill handling equipment, feed troughs, feed troughs and watering receptacles. Do not spray directly on the face of the animal while spraying.

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

FEED TREATMENT DIRECTIONS

Add METHOXYCHLOR 4L Insecticide to cool tap water and mix thoroughly for 15 minutes to prepare the METHOXYCHLOR 4L dilution.

Add 1.25 cc of a suitable liquid dye to each 5 gal. of the METHOXYCHLOR 4L dilution to facilitate additional 10 minutes.

Apply to feed with METHOXYCHLOR 4L Insecticide dilution and dye. Do not use feed which is moldy or has been treated with other insecticides, assuming complete and uniform coverage. This product is not well suited for feed which has been treated, but can be mixed or hand with a wooden paddle.

See	Quantity of Concentrate Related to 1 gal.	Application Rate (concentration of diluted product per 100 lb. of feed)
Beans - Broad & Dry Soybeans, Cowpeas, Peanuts	0.7	240
Corn (field)	1.1	270
Peas, Lima Beans Lentils	0.9	370
Sesame	1.3	320
Rice	0.75	430
Sorghum, Millet	1.0	420
Cantaloupe, Cucumber, Pumpkin, Squash, Watermelon	1.2	420

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Seed	Approximate amount required to 1 gal.	Approximate amount diluted product per 100 lb. of seed)
Barley (Sweet)	1.35	450
Cotton (acid diluted)	1.2	400
Wheat	1.8	670
Rye, Oats*	1.4	570
Corn (sweet)	1.2	450
Eggplant, Tomato	1.55	550
Barley	1.3	450
Flax	1.4	500
Beet (Garden), Broccoli, Brussels Sprouts, Cabbage, Carrot, Cauliflower, Collards, Brassica, Kale, Kohlrabi, Endive, Mustard, Lettuce, Pepper, Radish, Shall Seed, Legumes, Spinach, Swiss Chard, Turnip, Alfalfa Clover	1.5	500

*NOTE: The purchaser of this product is responsible for insuring that all seeds treated with this product are adequately dyed with a suitable color to prevent its accidental use as a food for man or feed for animals; refer to 21 CFR Part 2, Subpart E, Section 2.25. Any dye added to treated seed must be cleared for use under 40 CFR, Part 180, Subpart I, Section 180.1001. Treated seed must be labeled in accordance with all applicable requirements of the Federal Seed Act.

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STORAGE AND DISPOSAL

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

STORAGE INSTRUCTIONS

Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from any heat or ignition source. Avoid storage at high temperatures. Do not move containers from one area to another unless they are specially labeled. Keep container tightly sealed when not in use. Keep away from children, pets, and animals. Avoid storage near water supplies, food, feed, and fertilizer. Avoid contamination with acids or alkalis. Store in original containers only. If the contents are leaking or material is spilled, follow these steps:

1. Contain spill, absorb with a material such as saw dust, dry or absorbent dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with water and soap to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place a leaking container in a plastic tub and transfer contents as soon as possible to an empty original container.
6. Do not allow runoff to enter sewer or contaminate water supplies.
7. Dispose of waste by burying in a noncrop area away from water supplies or by incineration.

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

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First-class Bulk Chemicals, Dept. 1, Acme Co., 123 Main St.,
New York, N.Y. 10001. Tel. (212) 555-1234. Fax (212) 555-5678.

CONTAINER DISPOSAL

Do not reuse or refill containers. They offer fire and explosion
hazards. Containers should be disposed of in accordance with
local, state, or federal regulations, or if allowed by state and local
authorities, by burning. If burned, stay out of smoke.

WARRANTY - CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon
tests believed reliable. Follow directions carefully.
Timing and method of application, weather and crop
conditions, mixtures with other chemicals not specifically
recommended, and other influencing factors in the use of
this product are beyond the control of the seller. Buyer
assumes all risks of use, storage and handling of this
material and to do so in accordance with directions given
herewith.

It is understood that the seller is not liable for
consequential, special or indirect damages resulting from
the use or handling of this product other than use and/or
handling in strict accordance with directions given
herewith. The foregoing is a condition of sale and is part of
Chemical Company and is accepted as such by the buyer.