

APR - 2 1993

James J. Wurz
Bonide Products, Inc.
2 Wurz Ave.
Yorkville, NY 13495

Dear Mr. Wurz:

Subject: Add agricultural premises and livestock use
Methoxychlor 25%E
EPA Registration No. 4-165
Amendment application of January 26, 1993

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), 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. Revise the environmental hazards wetlands statement to:

"Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."

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.

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A stamp copy of the labeling is enclosed for your records

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (H-750)

Enclosure

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ACCEPTED
with COMMENTS
in EPA Letter Dated

APR - 2 1993

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

4-165

BONIDE

METHOXYCHLOR 25% INSECTICIDE

For control of mosquitoes, insect pests of shade trees,
flowers, ornamentals, and vegetables.

EPA Est. No. 4-NY-1

EPA Reg. No. 4-165

ACTIVE INGREDIENTS:

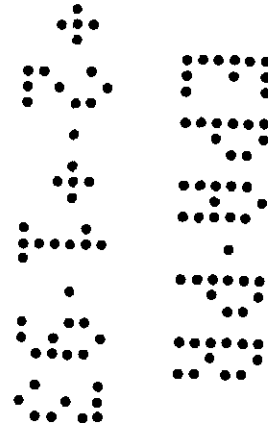
*Methoxychlor: 1,1,1-trichloro-2,2-bis(p-methoxyphenyl) ethane 25%

INERT INGREDIENTS: 75%

*Equivalent to 22% of 2,2-bis (p-methoxyphenyl)-1,1,1-trichloroethane and
3% of other isomers and related compounds. Contains 2 lbs. methoxychlor
technical per gallon.

Contains Xylene and Heavy Aromatic Naphtha

KEEP OUT OF REACH OF CHILDREN
CAUTION
See side panel cautions



1 Pint (16 Fl. Oz.)

**PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals**

Keep out of reach of children. Harmful if swallowed or inhaled. Avoid breathing of spray mist. Avoid contact with skin and eyes. In case of contact, wash immediately with soap and water - may be absorbed through skin. Wash thoroughly after using. Do not use on pets or humans. Keep children and pets off treated areas until washed into soil and the grass is dry.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Do not induce vomiting. Call a physician immediately.
If inhaled: Remove to fresh air.
If on skin: Wash immediately with soap and water.
If in eyes: Wash with plenty of water. Get medical attention.

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

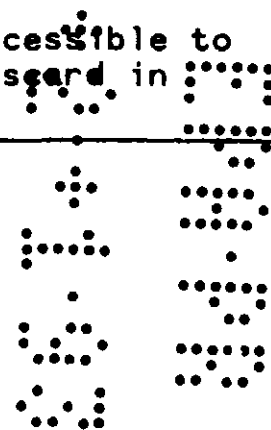
Flammable. Keep away from fire sparks and heated surfaces.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Store tightly sealed in a cool, dry place, and in an area inaccessible to children or pets. Do not reuse container. Wrap in paper and discard in trash. Avoid contamination of food and feedstuffs.



CONTENTS

CONTENTS: These sheets contain the most comprehensive supporting information of an existing product in usage during the registration period. They are the most complete in scope, and are the most up-to-date, complete, authoritative and of the highest quality in terms of subject matter.

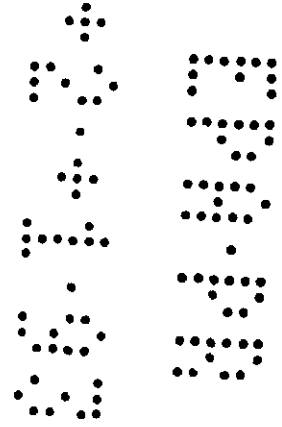
Each sheet contains the following information: Name of the product, active ingredient, trade name, manufacturer, and the name of the registrant. The sheets are arranged in alphabetical order of the active ingredient.

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LIVESTOCK AND AGRICULTURAL PREMISES

LIVESTOCK (Beef and Dairy Cattle, Goats, Sheep, and Swine): Apply the following rates of Bonide Methoxychlor 25%E for the control of hornflies, lice, ticks, keds, and fleas.

Beef Cattle: Mix 2 quarts in 25 gallons of water. As a spray, use a maximum of 2 quarts of the mixture per head for larger animals and proportionally less for smaller ones.

Thoroughly wet animals. Do not use in dipping vats. Wait 3 weeks and re-apply if necessary.

Spot Treatment for Tail Lice: Mix 4 to 6 quarts in 25 gallons of water and apply as a spray on the infested tail only. Do not apply to animals being finished for slaughter. Do not contaminate feed or water.

Dairy Cattle (Non-Lactating): Mix 2 quarts in 25 gallons of water. As a spray use 2 quarts of the mixture per head for larger animals and proportionally less for smaller ones. Thoroughly wet animals. Do not use as a dip. Do not apply during lactation or within 2 weeks of freshening.

Goats, Sheep, and Swine: Mix 2 quarts in 25 gallons of water. As a spray thoroughly wet animals. Do not apply to lactating goats.

AGRICULTURAL PREMISES: Insects requiring control measures - houseflies, stableflies, cadellees, confused flour beetle, flat-headed grain beetle, granary weevil, hairy fungus beetle, lesser grainborer, long-headed flour beetle, red flour beetle, rice weevil, sawtoothed grain beetle, and grain moths. Apply the following rates as specified for various areas.

Farm Buildings (Barns, Milk Rooms, Pens, Stalls, Alleys, and Dumps): Mix 1 quart Bonide Methoxychlor 25% in 2-1/2 gallons of water. Use as a residual spray applying 1 gallon of the prepared spray to 500 sq. ft. Repeat applications are required for effective control. Exclude dairy animals while treating barns. Do not contaminate milk, feed, or drinking water.

Grain Storage Bins: Mix 1 quart Bonide Methoxychlor 25%E in 2-1/2 gallons of water. Apply 1 gallon of mixture to 500 sq. ft. Apply as a residual spray to all exposed surfaces, paying attention to all cracks and crevices. Allow bins to air and dry before refilling with grain, 2 to 4 weeks.

Elevator, Tunnels, Gallery Floors, Head Houses: Mix 1 quart Bonide Methoxychlor 25%E in 2-1/2 gallons of water. Apply 1 gallon of mixture to 500 sq. ft. Clean area thoroughly before spraying. Treat about 3 times per season (summer).

MOSQUITO CONTROL: Bonide Methoxychlor 25%E is effective for controlling both adult and larval mosquitoes on non-agricultural lands such as parks, beaches, public dumps, and residential areas.

Adult Mosquitoes: Thermal fogging is effective if applied during the active periods of the adults (morning and evening). Avoid fogging when winds exceed 5 miles per hour as its effectiveness is reduced.

For fogging large areas, prepare a 100 gallon batch of spray material. Mix 3-1/2 gallons of Bonide Methoxychlor 25%E in 96-1/2 gallons of light fuel oil (No. 2 diesel, HAN, etc.) and apply 5 to 7 gallons per acre.

For fogging smaller areas, mix 1 pint of Bonide Methoxychlor 25%E in 4-7/8 gallons of light fuel oil (5 gallon batch) and apply 5 gallons per acre.

Adult Mosquitoes: Mist blowers or sprayer equipment require mixing of Bonide Methoxychlor 25%E with water. For mist blowers or sprayers, mix 4 gallons of Bonide Methoxychlor 25%E with 96 gallons of water and apply 5 to 7 gallons per acre.

For aerial application over large land masses at low volume, mix 1 gallon of Bonide Methoxychlor 25%E in 15 gallons of light fuel oil and apply approximately 4 gallons per acre. For mosquito larval control, mix 1 pint of Bonide Methoxychlor 25%E in either light fuel oil or water to make 10 gallons 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.

Note: This product is toxic to fish. Keep out of lakes, streams, and ponds. Rates recommended on this label are toxic to shrimp and crabs. Do not apply where these species are an important resource. Do not apply to water drainage areas where runoff or flooding will contaminate ponds.

SMALL SCALE MOSQUITO CONTROL

AREA MOSQUITO SPRAY. To aid in the control of mosquitoes, grass around home grounds, patios and picnic areas. Mix 4 tablespoons per gallon water (2 oz. in 3 gallons or 2 quarts in 100 gallons water per 5 acres). Do not apply more than 13 fluid ounces of Methoxychlor 25 E or 20 gallons of spray mixture per acre (0.2 lbs. actual Methoxychlor). Apply as a coarse spray of resting surfaces, such as grass, shrubs and tree trunks and branches to a height of 6 to 10 feet. Thoroughly wet plants but do not apply to point of run off on the soil. Do not spray pale 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 spraying at dusk or dawn when mosquito activity is greatest. Treat as large an area as possible. Repeat as necessary.

