

JUN 23 1987

Mr. Russell F. Sawyer
Riverdale Chemical Company
220 East 17th Street
Chicago Heights, IL 60411-3699

Dear Mr. Sawyer:

Subject: Label Revision
Riverdale Methoxychlor EC
EPA Registration No. 228-105
Your Application Dated October 23, 1986

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. 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 section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Dennis H. Edwards, Jr.
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

92631:I/C:Edwards:E-1:KENCO:06/17/87:06/26/87:ds:vo:dsq:ide
CONCURRENCES

SYMBOL	ORIGINATOR							
.....
SURNAME
DATE

DIRECTIONS FOR USE
 It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

RE-ENTRY STATEMENT
 Do not apply this product in such a manner as to injure or through drift expose workers or other persons. The area being treated must be vacated by registered persons.
 Do not enter treated areas without protective clothing until sprays have dried.
 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.

FOR CONTROL OF BARK BARK BEETLES—Hydraulic Sprayers—Mix with water at the rate of 8 gallons METHOXYCHLOR E.C. SPRAY to 100 gallons water. Apply sufficient spray to thoroughly wet all bark on trunk, limbs and limbs; 20 to 30 gallons of spray are usually required for a 50-foot elm tree.
 Mist Blowers—Mix with water at rate of 5 gallons Methoxychlor E.C. Spray to 10 gallons water. Thorough coverage of all bark surfaces is important; usually 2 to 3 gallons of spray are required to adequately cover a 50-foot elm tree.
 All applications should be made as a dormant treatment before new leaves or flowers appear in the spring. Apply when temperature is above 40°F. and there is no danger of freezing before the spray dries.

FORAGE CROPS—(Alfalfa, clover, grass, soybeans, cowpeas and peanut forage) Make application at first signs of infestation and repeat 7 to 14 day intervals as needed. Do not apply later than 7 days before harvest or grazing.
 Leafhopper, leafminer—Use 1 to 2 qts. in sufficient water to cover 1 acre.
 Alfalfa caterpillar, flea beetles—Use 1 1/2 to 2 qts. in sufficient water to cover 1 acre.
 Alfalfa weevil larvae, Alfalfa webworm, Fall armyworm, Clover leaf weevil, Mexican bean beetles, Pea weevil, Soybean caterpillar, Velvet bean caterpillar—Use 2 to 3 qts. in sufficient water for 1 acre.
 Cowpea curculio, Japanese beetle—Use 3 qts. in sufficient water for 1 acre.
 Armyworm—Use 3 to 4 qts. in sufficient water for 1 acre.

POTATOES—To control Colorado potato beetle, leafhopper and flea beetles use 2 quarts in sufficient water for 1 acre. Repeat as necessary.

GRAIN STORAGE BINS—To clean up storage in empty storage bins, use 1 gallon in 10 gallons water applying rate of 2 gallons spray per 1,000 sq. ft. before products are stored. This aids in control of cadelle, flat grain beetle, southern 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.

NOTE: Do not add grain to bin for at least 24 hours or until walls have dried out thoroughly.

SELF APPLICATOR FLY CONTROL ON CATTLE—(Except dairy animals)—For control of hornflies dilute 1 gallon with 4 gallons of diesel fuel or furnace type oil. Do not use any other type of oil. Use 1 gallon of solution to saturate burlap on "back rubber", soak burlap every 2 to 3 weeks.

MOSQUITO CONTROL—METHOXYCHLOR E.C. SPRAY is effective in the control of Mosquitoes, both Adult and Larvae on non-Agricultural land and may be applied as a fog or mist from suitable equipment.

ADULT MOSQUITOES—THERMAL FOG EQUIPMENT Thermal fogging is more effective in early morning and late evening. Application time for control of Adult Mosquitoes should coincide with time of most activity of the Mosquito. Avoid thermal fogging when winds exceed 5 miles per hour as effectiveness is reduced.

Fuel Oil	Methoxychlor E.C. Concentration	Acres Rate
For 100 gal. of Spray Solution	96 5/8 gallons	3 5/8 gallons 1 1/2% 0.5¢ actual per acre
For 5 gal. of Spray Solution	4 gal + 7 pints	1 pint 1 1/2% 0.5¢ actual per acre

Note: 5-7 gallons of Thermal Fog Spray solution should cover 1 acre.

SPRAYING EQUIPMENT—Mist blowers or Sprayers require mixing of the METHOXYCHLOR E.C. in water solution and applying as a mist to areas frequented by Adult Mosquitoes.

Fuel Oil	Methoxychlor E.C. Concentration	Acres Rate
For 100 gal. of Spray Solution	96 gallons	4 gallons 1 1/2% 0.5¢ actual per acre
For 5 gal. of Spray Solution	4 gal + 7 pints	1 1/2 pint 1 1/2% 0.5¢ actual per acre

Note: 5-7 gallons of spray solution should cover 1 acre.

AIRCRAFT SPRAYING—Over large land areas. For low volume spraying mix 1 gallon of METHOXYCHLOR E.C. in 15 gallons of light fuel oil or co-solvent (Such as Esso HAK, Sinclair 110 etc.) and apply approx. 4 gallons per acre.

MOSQUITO LARVAE—On non agricultural land, beaches and other public park areas. SPRAYING Mist blowers or Power Sprayers.

Use 1 pint of METHOXYCHLOR E.C. in either light fuel oil or water to make 10 gallons of spray and apply to 1 acre (Equivalent to 1 gallon per 100 gallons). Spray Marshland, swamps and low lying areas, standing water and puddles. Thorough even coverage is essential for effective control. Application rate should be equivalent to 0.2¢ actual per acre sprayed. Repeat as necessary for control. Apply only to known Mosquito Breeding sites and in Approved Spray areas.

DO NOT SPRAY FOOD CROPS WITHIN THE NUMBER OF DAYS SHOWN IN PARENTHESES FOR EACH CROP

FRUIT TREES	INSECTS	DOSEAGE
Apple (7) Apricot (21) Cherry	Apple Maggot, Pear Borer	1000 ppm

Riverdale

METHOXYCHLOR EMULSIFIABLE CONCENTRATE

ACCEPTED with COMMENTS by EPA Letter Dated: JUN 23 1987

To kill Gypsy Moth, Inchworms, Japanese Beetles and other listed Insects on Roses, Flowers, Shrubs, Trees, Fruits and Vegetables

ACTIVE INGREDIENTS:
 *Methoxychlor Technical
INERT INGREDIENTS:
 TOTAL
 *Equivalent to 21% 2,2-bis(p-methoxyphenyl)-1,1-trichloroethane and 3% other isomers and reaction products.
 ONE GALLON CONTAINS 2 POUNDS TECHNICAL METHOXYCHLOR

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly after using and before eating or smoking. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed — Call a physician immediately. Gastric lavage is indicated if material was taken orally. DO NOT INDUCE vomiting unless treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give person one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. If Inhaled — Remove person to fresh air. Apply respiration if indicated. If On Skin — Wash immediately with soap and water. If In Eyes — Flush with plenty of water.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Shrimp and crab may be killed at application rate recommended on this label. Do not apply where these are considered important resources. Do not contaminate water by cleaning equipment or disposal of waste.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

E.P.A. Reg. No. 228-105 NET CONTENTS GAL. E.P.A. Est. No. 228-1