Riverdale
CHEMICAL COMPANY

TELEPHONE (800) 345-3330
(708) 754-3330
FAX (708) 754-0314

OFFICE: 425 WEST 194th STREET, GLENWOOD, IL 60425-1584
PLANT: 220 EAST 17th STREET, CHICAGO HEIGHTS, IL 60411-3699

June 9, 1993

Document Processing Desk (Notification)
Registration Division - H7505C
U. S. Environmental Protection Agency
401 M Street S.W.
Washington, DC 20460

Dear Sir/Madam:

Subject: PR Notice 93-3 dated March 9, 1993
Riverdale Methoxychlor Emulsifiable Concentrate
EPA Reg. No. 228-105
OPP Identifier No. 196230

Please find enclosed the necessary paperwork to notify the Agency that we are revising our label in accordance with the above subject PR Notice. Be advised that this product is part of our "John Doe" private label program. As such, we do not market this product under the Riverdale name. **Thus, there will not be any final printed label.** If there is anything else we should do at this time, please contact us immediately.

Sincerely yours,

RIVERDALE CHEMICAL COMPANY

By Russell F. Sawyer
Regulatory Affairs Manager

RFS:ls

Enc.

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) EPA

United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

[ ] Registration
[ ] Amendment
[X] Other

OPP Identifier Number: 196230

Section I

1. Company/Product Number: 228-105

2. EPA Product Manager: D. Edwards
PM#: 19

3. Proposed Classification: [X] None [ ] Restricted

4. Company/Product (Name): Riverdale Methoxychlor Emulsifiable Concentrate

5. Name and Address of Applicant *(Include ZIP Code)*:
RIVERDALE CHEMICAL COMPANY
425 West 194th Street
Glenwood, IL 60425-1584
[ ] *Check if this is a new address*

6. **Expedited Review.** In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:
EPA Reg. No. _____
Product Name _____

Section II

[ ] Amendment - Explain below
[ ] Resubmission in response to Agency letter dated _____
[X] Notification - Explain below.
[ ] Final printed labels in response to Agency letter dated _____
[ ] "Me Too" Application.
[ ] Other - explain below.

BEST AVAILABLE COPY

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

To comply with PR Notice 93-3

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 93-3
DATE. 6/30/93

Section III

1. **Material This Product Will Be Packaged In:**

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes* [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify)
* *Certification must be submitted.*	If "Yes," Unit Package wgt. / No. per container	If "Yes," Package wgt. / No. per container	

3. Location of Net Contents Information: [ ] Label [ ] Container

4. Size(s) of Retail Container:

5. Location of Label Directions: [ ] On Label [ ] On Labeling accompanying product

6. Manner In Which Label Is Affixed To Product: [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other (_____)

Section IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Russell F. Sawyer	Regulatory Affairs Manager	708/754-3330

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature: RF Sawyer

3. Title: Regulatory Affairs Manager

4. Typed Name: Russell F. Sawyer

5. Date: June 9, 1993

RIVERDALE

METHOXYCHLOR
EMULSIFIABLE CONCENTRATE

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

ACTIVE INGREDIENT:	
Methoxychlor: 1,1,1-trichloro-2, 2-bis(p-methoxyphenyl) ethane	24.0%
INERT INGREDIENTS:	76.0%
TOTAL	100.0%

ONE GALLON CONTAINS 2 POUNDS TECHNICAL METHOXYCHLOR

KEEP OUR 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 internally. DO NOT INDUCE vomiting unless other 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 eyes with plenty of water.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

NET CONTENTS GAL.

EPA REG. NO. 228-105

EPA EST. NO. 228-IL-1

MANUFACTURED BY
RIVERDALE CHEMICAL COMPANY
GLENWOOD, ILLINOIS 60425-1584

Revised A/O 3/9/93

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 86-5
DATE 6/30/93

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not enter or allow entry into treated areas until the sprays have dried to perform hand labor tasks. A person may enter the area to perform other tasks only if the person is wearing the personal protective equipment listed on the label for a pesticide handler.

Do not apply this product in a way that will contact unprotected workers, either directly or through drift. Only protected handlers wearing long pants, long-sleeved shirts, socks, shoes and chemical resistant gloves may be in the area during application.

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 ELM BARK BEETLES - Hydraulic Sprayers - Mix with water at the rate of 8 gallons METHOXYCHLOR E.C. SPRAY to 200 gallons water. Apply sufficient spray to thoroughly wet all bark on trunk, limbs and twigs. 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, cowpea and peanut forage). Make application at first sign of infestation and repeat 7 to 14 day intervals as needed. Do not apply later than 7 days before harvest or grazing. Do not graze or feed treated cowpea vine, cowpea hay, soybean hay or straw to livestock.
Leafhopper, spittlebug - Use 1 to 2 qts. in sufficient water to cover 1 acre.
Alfalfa caterpillar, flea beetles - Use 1½ 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, sawtoothed 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 horn flies, 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, born 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		Acre Rate
For 100 gal. of Spray Solution	96.5 gallons	3.5 gallon	1%	0.5# actual per acre
For 5 gal. of Spray Solution	4 gal.+7 pints	1 pint	1%	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		Acre Rate
For 100 gal. of Spray Solution	96 gallons	4 gallons	1%	0.5# actual per acre
For 5 gal. of Spray Solution	4 gal.+7 pints	1.5 pint	1%	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 HAN, 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.
Mix 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 SHOWING IN PARENTHESES FOR EACH CROP

FRUIT TREES	INSECTS	DOSAGE
Apples) Apricots (21) Cherries (7) Nectarines (21) Peaches (21) Pears (7) Plums (7) Prunes (7) Quince (7)	Apply Maggot, Cankerworm Cherry Fruit Fly, Cherry Fruit Worm, Cooling Moth, Japanese Beetles, Leaf-hopper, Pear Slug, Plum Curculio, Tent Caterpillar	Use 1½ - 2 tablespoons in 1 gallon of water. Spray thoroughly to cover all plant surfaces. Begin at petal fall. Repeat at 7 to 14 day intervals, as needed to maintain effective control.

VEGETABLES	INSECTS	DOSAGE
Asparagus (3) Beans (3) Beets (14) Broccoli (14) Brussels Sprouts (14) Cabbage (3) Carrots (14) Cauliflower (7) Collards (14) Corn (7) Cucumber (1) Eggplant (7) Kale Kohlurabi (1) Lettuce (14) Melons (7) Peas* (7) Peppers (7) Potatoes (0) Pumpkins (7) Radishes (7) Rutabegas (7) Spinach (14) Squash (7) Summer Squash (7) Tomatoes (7) Turnips** (7)	Asparagus Beetle, Bean-leaf beetle, Blister Beetle, Colorado Potato Beetle, Corn earworm, Cross-Striped Cabbage worm, Cucumber Beetle, Fall Army worm, Flea Beetle, Imported Cabbage worm, Japanese Beetle, Leafhopper, Melonworm, Mexican Bean Beetle, Pea Weevil, Rose Chafer, Squash Vine Borer, Tomato Hornworm	Use 1½ to 2 tablespoons in 1 gallon of water. Begin application at first sign of infestations. Repeat at 7 to 14 day intervals as needed to maintain effective control.

*Peas - Do not graze or feed treated pea vines or pea hay to livestock.
**Turnips - If tops are used for food, do not spray within 14 days of harvest.

SMALL FRUITS & BERRIES	INSECTS	DOSAGE
Blackberries (14) Blueberries (14) Cranberries (14) Currants (14) Gooseberries (14) Grapes (14) Loganberries (24) Raspberries (14) Strawberries (14)	Cankerworm, Cherry Fruit Fly, Cranberry Fruit Worm, Cherry Fruit Worm, Grape Berry Moth, Leaf Skeletonizer, Japanese Beetle, Leafhopper, Oriental Fruit Moth, Pear Slug, Rose Chafer, San Jose Scale (Crawlers), Spittlebug, Strawberry Weevil.	Use 1½ to 2 tablespoons in 1 gallon of water. Spray thoroughly to cover all plant surfaces. Repeat at 7 to 14 day intervals, as needed to maintain effective control.

SHADE TREES ORNAMENTALS	INSECTS	DOSAGE
Birch, Dogwood, Elm, Holly Magnolia, Maple, Oak, Pine, Sycamore	Blister Beetle, Cankerworm, Cucumber Beetle, Eastern Tent Caterpillar, Elm Leaf Beetle, Fall Webworm, Fall Armyworm, Flea Beetle, Forest-Tent Caterpillar, Gypsy Moth, Inchworm, Japanese Beetle, Leaf Hopper, Lacebug, Leaf Roller, May Beetle, Rose Chafer, Rose Slug Sawfly, Spittlebug, Tent Caterpillar, Tussock Moth	Use 3/4 to 1½ tablespoons in 1 gallon of water. Spray thoroughly to cover all plant surfaces. Repeat at 7 to 14 day intervals as needed to maintain effective control.
	Scale insects and Elm Bark Beetle -Dormant Application Only	Use 3 to 4 tablespoons per 1 gallon of water.

NOTE - Do not spray Chinese Elms, Japanese Maples, Red Maples and Redbud as foliage may be injured.

ROSE - FLOWERS - EVERGREENS - SHRUBS	INSECTS	DOSAGE
Andromedas, Arborvitae, Asters, Azaleas, Begonias, Boxwood, Camelias, Carnations, Chrysanthemums, Coleus, Dahlias, Delphiniums, Euonymus, Geraniums, Gladoli, Juniper, Marigolds, Nasturtiums, Rhododendron, Roses, Snap Dragons, Taxus, Zinnias.	Flea Beetle, Blister Beetle, Jap Beetle, Leaf Hopper, Flea Hopper, Lacebugs, Cankerworms, Rose Chafer.	Use 1½ to 2 tablespoons per 1 gallon of water. Spray thoroughly to cover all plant surfaces. Repeat at 7 to 14 day intervals, as needed to maintain effective control.

NOTE: Do not use on Petunias, Boston Maiden Hair, Pteris Fern and Crassula.

STORAGE AND DISPOSAL

STORAGE: Always store pesticides in a secured warehouse or storage building. Do not store near seeds, fertilizers, insecticides or fungicides. Containers should be opened in well ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high. If container is damaged or if pesticide has leaked contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed labeled container for proper disposal. Do not contaminate water, food or feed by storage or disposal. If exposed to prolonged cold, place in warm storage (50° to 80°F) for several hours and agitate before using. Users should observe the usual precautions concerning application of oil-containing products to crops during high temperatures, since many crops are then more susceptible to oil injury.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal law. If these wastes cannot be disposed 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.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

(PR933.042194)