

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
572-317

DATE OF ISSUANCE
MAY 28 1987

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE
Until Reregistered
NAME OF PESTICIDE PRODUCT
Rockland M-D Insect Spray

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Rockland Chemical Company, Inc.
P.O. Box 809
West Caldwell, NJ 07090

161 / 184967
18 / 3

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration and/or registration of your product under FIFRA section 3(c)(2) when the Agency requires all registrants of similar products to submit such data.

2. Advise the Agency "EPA Registration No. 572-317" on your label when you release the product for shipment.

3. Submit five (5) copies of your final printed labeling when you release the product for shipment. Refer to the 4-79 procedure for a further description of final printed labeling.

4. Please supply the following product chemistry information:

- a. Provide upper and lower confidence limits of the purity of all added inert(s).
- b. Provide a specification sheet for inert(s) 100.

BEST AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

5/28/87

5. Please provide the following Data Matrix requirements:

- Storage Stability - the formulated product must be analyzed for its active ingredient at time zero and during a year of storage. Note: For the storage stability study you cannot reference the concentrate you are using to formulate your product. Interim data collected during the 1-year analysis should be submitted.

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.

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

ROCKLAND

M-D INSECT SPRAY

An Emulsifiable Concentrate Containing METHOXYCHLOR and DIAZINON^R

Recommended for Agricultural/Commercial Use.

For Control of Insects on Shade Trees, Ornamentals,
Flowers, Vegetables, Small Fruits, Alfalfa and Clover.

ACTIVE INGREDIENTS:

Methoxychlor, Technical*.....	20.0%
Diazinon (0,0-Diethyl O-(2-isopropyl-6-methyl-4- 4-pyrimidinyl) phosphorothioate.....	10.0%

INERT INGREDIENTS..... 70.0%

100.0%

*Equivalent to 17.6% 2,2-bis (p-methoxyphenyl)
-1,1,1-trichloroethane and 2.4% related compounds.

Contains 1.6 lbs. Methoxychlor and 0.8 lbs Diazinon per gallon.

Diazinon registered trademark of Ciba-Geigy Corp.

KEEP OUR OF REACH OF CHILDREN (12 pt. type)

WARNING - ^{AVISO} AVISCO (18 pt. type)

See back panel for additional precautionary statements.

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT

This product contains Aromatic Petroleum Solvent. Methoxy-Diazinon 20-10 EC contains an organic phosphate and a chlorinated hydrocarbon. Poison symptoms will be related to both pesticides.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation develops or persists. IF ON SKIN: Remove contaminated clothing. Wash affected area with soap and water. Launder clothing before reusing. Get medical attention if irritation develops or persists. IF SWALLOWED: DO NOT INDUCE VOMITING. Call a physician or Poison Control Center immediately. Do not give anything by mouth to an unconscious person. IF INHALED: Remove victim to fresh air. Give artificial respiration, if necessary, to maintain breathing. (Do not give mouth-to-mouth resuscitation if exposure is due to swallowing). Get medical attention. NOTE TO PHYSICIAN: Atropine is antidotal for organic phosphate poisoning and should be given intravenously in relatively large amounts, 2-4 mg. at 5 to 10 minute intervals until the patient is atropinized. 2-PAM may be given in severe cases. Give supportive therapy as needed. Lavage stomach if injected. Solvent may present aspiration hazard.

EPA Reg. No. 572-

EPA Est. 572-NJ-1

ROCKLAND CHEMICAL CO., INC.
West Caldwell New Jersey
NET CONTENTS

1 Quart 1 Gallon 5 Gallons 55 Gallons

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 28 1987

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

572-317

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - WARNING: Causes eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Handle concentrate in ventilated area. Keep children and pets off treated areas until dry.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Do not apply when weather conditions favor drift. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of waste. Cover bird baths and fish pools. This product is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when the bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS: Do not use or store near heat or open flame.

DIRECTIONS FOR USE.

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

ROCKLAND M-D INSECT SPRAY is an emulsifiable concentrate which is to be diluted with water. When ground applications are to be made, dilute with water according to the Directions for Use. For application by aircraft, refer to the Aerial Application section of the label. This product should not be used in barns or dwellings. Applications should be repeated as necessary to maintain control.

Do not treat areas while unprotected humans or domestic animals are present in the treatment area. Do not allow entry into treated areas without protective clothing until sprays have dried or as otherwise directed. Consult state regulatory officials to determine state reentry restrictions which may apply

Foliage Insects

Roses, Other Flowers, Most Shade Trees and Ornamentals

Japanese Beetle Adults, Leafhoppers, Mealybugs, Aphids, Mites: Apply 2 to 3 qts. (1 to 1½ oz. per 1½ gals. of water) per 100 gals. of water as a thorough cover spray to all plant surfaces when insects first appear. Repeat as necessary.

Andromeda, Azalea, Hawthorn, Oak and Sycamore

Lacebug: Apply 2 to 3 qts. (1 to 1½ oz. per 1½ gals. of water) per 100 gals. of water as a thorough cover spray to all plant surfaces when small nymphs appear. Repeat as necessary.

Most Deciduous Shade Trees and Shrubs

Gypsy Moth, Tent Caterpillar, Elm Leaf Beetle, Willow Leaf Beetle: Apply 2 to 3 qts. (1 to 1½ oz. per 1½ gals. of water) per 100 gals. of water as a thorough cover spray to all plant surfaces when insects first appear.

Holly, Boxwood, and Birch

Leafminers: Apply 2 to 3 qts. (1 to 1½ oz. per 1½ gals. of water) per 100 gals. of water as a thorough cover spray to all plant surfaces in early to mid-May. Repeat in 10 days.

Pines

Sawflies, European Pine Shoot Moth: Apply 2 to 3 qts. (1 to 1½ oz. per 1½ gals. of water) per 100 gals. of water as a thorough cover spray to all plant surfaces when small worms first appear.

Many Ornamentals and Shade Trees

Oystershell Scale, Euonymus Scale, Pine Needle Scale, Juniper Scale: Apply 2 to 3 qts. (1 to 1½ oz. per 1½ gals. of water) per 100 gals. of water as a thorough cover spray to all plant surfaces when scale crawlers first appear.

NOTE: If a mist blower is used, apply 2 gal. per 50 gals. of water as a general foliar spray on flowers, shade trees, and ornamentals for control of the listed pests. Consult manufacturer's directions for calibration and capacity recommendations making appropriate adjustments in accordance with these recommendations.

BEST AVAILABLE COPY

RE-ENTRY AND ADDITIONAL APPLICATION RESTRICTION FOR
AGRICULTURAL CROPS REQUIRING FARMWORKER HAND LABLR TASKS

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

Do not enter treated areas without protective clothing until sprays have dried. Protective clothing means at least a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall type garment (all closely woven fabric covering the body), shoes and socks.

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

NOTE: The California Department of Agriculture has set a 5-day reentry for diazinon on citrus, grapes, peaches and nectarines. Five days should elapse between the time of application and the time a worker may enter the field to engage in an activity requiring substantial contact with treated foliage. When a mixture of two or more organic phosphate pesticides is applied, the interval shall be prolonged by adding to the longest applicable interval an additional 50% of that interval.

Written or oral warnings must be given to workers who are expected to be in treated area or in an area about to be treated with this product. Instruct workers of the area of fields that must be vacated and not re-entered until the sprays have dried. Acquaint workers with the information appearing on this label under "HAZARDS TO HUMANS AND DOMESTIC ANIMALS" and "STATEMENT OF PRACTICAL TREATMENT". When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: 1)WARNING 2) The name of this product; 3)Date of application; 4)The statement: "Do not enter without appropriate protective clothing until sprays have dried."; 4) The informatio given under "HAZARDS TO HUMANS AND DOMESTIC ANIMALS" and "STATEMENT OF PRACTICAL TREATMENT" that is appropriate in case of accidental exposure.

DIRECTIONS FOR USE ON AGRICULTURAL CROPS REQUIRING FARMWORKER HAND LABOR TASKS:

Forage Insects

Alfalfa and Clover (Pure Stands and Stands Containing Grass)

Alfalfa Weevil Larvae, Egyptian Alfalfa Weevils, Pea Aphids, Yellow Clover Aphids, Spotted Alfalfa Aphids, Leafhoppers, Plant Bug Nymphs, Mites: Apply 2-3 qts. per acre in sufficient water to achieve thorough coverage. Apply when 30-50% of the growing tips show feeding damage. Repeat as infestations warrant. Do not treat during bloom to avoid injury to beneficial insects.

Alfalfa Caterpillars, Armyworms, Fall Armyworms, Flea Beetles, Grasshoppers, Japanese Beetles, Lygus Bugs, Spittlebugs: Apply 2 1/2 - 3 qts. per acre in sufficient water to achieve thorough coverage when insects first appear. Repeat as infestations warrant. Do not treat during bloom to avoid injury to beneficial insects.
Note: Dairy and beef cattle and sheep may be grazed 7 days following treatment, 2) may be fed green forage or hay provided alfalfa or clover is not cut for 7 days following treatment. Do not spray livestock directly with either air or ground equipment.

BEST AVAILABLE COPY

Small Fruit Insects

For the control of the insects on the following crops, apply 2½ qts. per 100 gals. of water per acre as a thorough cover spray when insects first appear. Repeat applications at 7-10 day intervals as infestations warrant.

Cranberries

Cranberry Fruitworms, Leafhoppers, Spittlebugs: Do not apply within 14 days of harvest.

Grapes

Flea Beetles, Grape Berry Moths, Grape Leaf-folders, Grape Leaf Skeletonizers, Japanese Beetles, Leafhoppers, Pacific Mites, Rose Chafers: For Grape Berry Moths, apply as a postbloom cover spray and repeat 10 days later; make third and fourth applications at 10-day intervals if necessary.

Do not apply within 14 days of harvest.

Note: The California Department of Agriculture has set a 5-day reentry interval for Diazinon on grapes. Five days should elapse between the time of application and the time a worker may enter the field to engage in any activity requiring substantial contact with treated foliage. When a mixture of two or more organic phosphate pesticides is applied in combination, the interval should be prolonged by adding to the largest applicable interval an additional 50% of that interval.

Strawberries

Aphids, Flea Beetles, Spittlebugs, Strawberry Leaf Beetles, Strawberry Leafrollers, Strawberry Weevils, Twospotted Mites: Do not apply within 5 days of harvest.

Vegetable Insects

For control of the insects on the following crops, use 2½ qts. per acre in sufficient water for thorough coverage. Begin treatment at first sign of insect infestation and repeat at 7-10 day intervals as infestation warrants.

Broccoli

Aphids, Imported Cabbageworms, Diamondback Moths, Flea Beetles: Do not apply within 14 days of harvest.

Cabbage

Aphids, Imported Cabbageworms, Diamondback Moths, Flea Beetles: Do not apply within 7 days of harvest.

Cauliflower

Aphids, Imported Cabbageworms, Diamondback Moths, Flea Beetles: Do not apply within 7 days of harvest.

Carrots

Aphids, Leafhoppers: Do not apply within 10 days of harvest or 14 days if tops are used for food or feed.

Collards

Aphids, Corn Earworms, Diamondback Moths, Flea Beetles, Harlequin Cabbage Bugs, Imported Cabbageworms: Do not apply within 14 days of harvest.

Corn

Fall Armyworms, Flea Beetles, Grasshoppers, Japanese Beetles, Rose Chafers: Do not apply within 7 days of harvest.

Cucumbers

Aphids, Cucumber Beetles, Serpentine Leafminers, Thrips: Do not apply within 7 days of harvest.

Kale

Aphids, Corn Earworms, Diamondback Moths, Flea Beetles, Harlequin Cabbage Bugs: Do not apply within 14 days of harvest.

Lettuce

Aphids, Dipterous Leafminers, Leafhoppers: Do not apply within 14 days of harvest.

Melons (Cantaloupes, Muskmelons, Watermelons)

Aphids, Cucumber Beetles, Leafhoppers, Melon Worms, Mites, Serpentine Leafminers, Thrips: Do not apply within 3 days of harvest.

Peas

Aphids, Pea Weevils: Do not apply within 7 days of harvest or grazing.

Potatoes

Aphids, Banded Cucumber Beetles, Blister Beetles, Colorado Potato Beetles, Dipterous Leafminers, Flea Beetles, Leafhoppers, Southern Armyworms: Do not apply within 35 days of harvest.

Radishes

Aphids, Dipterous Leafminers, Flea Beetles: Do not apply within 10 days of harvest.

Squash (Summer and Winter)

Aphids, Cucumber Beetles, Leafhoppers, Mites, Squash Vine Borers: Do not apply to winter squash within 3 days, or summer squash within 10 days, of harvest.

Tomatoes

Aphids, Blister Beetles, Dipterous Leafminers, Fall Armyworms, Flea Beetles, Japanese Beetles, Tomato Fruitworms: Do not apply within 1 day of harvest.

Turnips

Aphids, Dipterous Leafminers, Flea Beetles: Do not apply within 10 days of harvest or 14 days if tops are to be used as food or feed.

AERIAL APPLICATION:

ROCKLAND M-D INSECT SPRAY may be effectively applied by aircraft. Aerial applications may be made on those crops where such applications are practical or are accepted practice. Refer to the specific crop and use under the Directions for Use section for the rate and timing of application. Mix the recommended amount of ROCKLAND M-D Insecticide in sufficient water to apply a minimum of 2 gallons of spray per acre.

Observe Precautionary Statements and all precautions on the label to avoid any effects to application personnel or crops. Flagmen and loaders should wash thoroughly after handling, before eating, drinking, using tobacco products, and at the end of each day's operation. Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Do not blow spray lines or dump contents while in flight.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open pumping is prohibited.

STORAGE: Store this product in its original, closed container in a safe place away from children and domestic animals.

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 Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

CONTAINER DISPOSAL: QUARTS and GALLONS-Securely wrap closed, original container in several layers of newspaper and discard in trash. Do not reuse empty container. LARGER THAN 1 GALLON- 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, burned. If burned, stay out of smoke.

WARRANTY: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label directions.

EPA Reg. No. 572-

EPA Est. No. 572-NJ-1

Handwritten notes:
6/22/85
10/1/85
2/17/86