

PM 19

707-229

Labeling
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Ann M. Tillman, Ph.D.
ROHM & HAAS COMPANY
AGRI. CHEMICALS REGISTRATION & REGULATOR
Independence Mall West
Philadelphia, PA 19105

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 06/15/93 in Response to PR Notice 93-7
EPA Reg. No. 707-229
KELTHANE 50 AGRICULTURAL MITICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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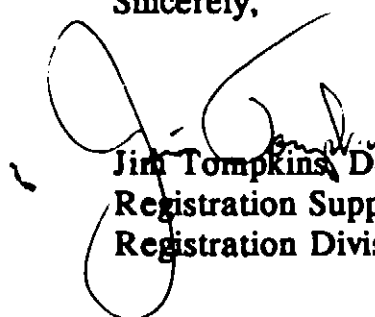
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

ROHM & HAAS COMPANY
KELTHANE 50 AGRICULTURAL MITICIDE
707-229 06/15/93
Original Submission

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

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KELTHANE[®] 50



AGRICULTURAL MITICIDE WETTABLE POWDER

ACTIVE INGREDIENT

Dicofol

1,1-Bis(chlorophenyl)-2,2,2-trichloroethanol.....50%

INERT INGREDIENTS.....50%

TOTAL.....100%

EPA REG. NO. 707-229

EPA EST NO 477-MD-1E;477-TX-1L

Superscript used is first letter of lot number

FOR AGRICULTURAL USE ONLY

Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions. If the Conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

Accepted with COMMENTS
in EPA Letter Dated

DEC 22 1993

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

707-229

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water. Do not use milk, cream or other liquids containing vegetable or animal fats. Induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

NOTE TO PHYSICIAN: Because this product is a chlorinated miticide vomiting is recommended. The administration of milk or other fat-based demulcents which might enhance absorption is to be avoided. Epinephrin or other adrenergic amines can cause myocardial irritability in persons poisoned with chlorinated hydrocarbons.

IF INHALED: Remove victim to fresh air. Treat the victim symptomatically. If irritation persists call a physician.

IF ON SKIN: Wash exposed areas with plenty of soap and water. If irritation persists, call a physician.

IF IN EYES: Flush eyes with plenty of water. If irritation persists call a physician.

NET CONTENTS 6 LBS. (2.72.KG)

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Causes moderate eye injury. Harmful if swallowed or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with eyes, skin or clothing. Avoid breathing dust or spray mist. This product is a skin sensitizer.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standards(WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

ADDE

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. ~~For terrestrial uses do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.~~ Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Apply this product only as specified on this label.

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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 in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

ADDED

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

ADDED

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls
- Water-proof gloves
- Shoes plus socks

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. 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: Completely empty bag into application equipment, then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep or shovel solid material into a suitable container for recovery or disposal. Keep spills out of all sewers and open bodies of water. REFER TO PRECAUTIONARY STATEMENTS.

CONDITIONS OF SALE AND WARRANTY

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. **ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.** Handling, storage and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. **IN NO CASE WILL ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

CHEMIGATION

Do not apply this product through any type of irrigation system.

GENERAL USE INFORMATION

KELTHANE 50 miticide gives high initial kill against most species of agricultural mites including European red, two-spotted (red-spider), six-spotted, Pacific, privet, Schoene, yellow(carpini), Mc Daniel, Willamette, spruce, desert and tropical mites. KELTHANE 50 miticide is a specific miticide and is harmless to predacious and other beneficial insects. KELTHANE 50 miticide can be applied alone or it can be applied with various other pesticides in recommended spray schedules. For further details, see recommendations below and consult current State Agricultural Experiment Station spray schedules, or State Extension Service Specialists for additional details on compatibility, dosage, timing and uses. Do not put KELTHANE 50 miticide in Alkaline(high pH) solutions or mix with lime or lime-containing products. Lower the pH of the spray solution to pH 5 to 7 with a buffering agent such as LATRON AG 44M™. For proper application, mix KELTHANE 50 miticide with water and apply as a wet spray with suitable spray equipment. The following chart is offered as a guide in preparing dilute, high-gallonage sprays. For concentrate ground sprayers, the amount of water used should be reduced in accordance with instructions from the sprayer manufacturer, but the amount of KELTHANE 50 miticide applied per acre should be the same whether dilute or concentrate sprays are used. To avoid excessive residues at harvest follow the use recommendations. Do not exceed the maximum dosage per acre per application, or the time restriction between last application and harvest for each crop listed in the table below:

Summary of KELTHANE 50 Miticide Dosage per Acre and Limitations Between Last Application and Harvest

KELTHANE 50 /lbs.per Acre Each Application				
CROP	Small Plants	Large Plants	Mixing Rate lbs. per 100 gal Dilute Spray*	Days Before Harvest
APPLES, CRABAPPLES, PEARS, QUINCE	REFER TO USE DIRECTIONS BELOW			
CANTALOUPE, CUCUMBERS, MELONS, PUMPKINS, SQUASH, WATERMELONS	1/2	1	1/2	2
GRAPES	1	2 1/2	1/2 - 1	7
STRAWBERRIES	1/2	4 3/4	1/2 - 1	2
ORNAMENTALS, FLOWERS, NURSERY STOCK, SHADE TREES	-	-	1/2 - 1	-
BUILDINGS, CLOVER MITES ON BUILDINGS	REFER TO USE DIRECTIONS BELOW			

*Adjust water gallonage if concentrate ground sprays are used. Amount of spray applied per acre must be adjusted to the size and number of trees or plants per acre and the foliage density.

FRUITS

APPLES, CRABAPPLES, PEARS, QUINCES- Apple rust, clover, European red, Mc Daniel, Pacific spider, Schoene spider, two-spotted spider, Willamette, and yellow (carpini) mites. Apply at the rates specified in the table below in sufficient water to insure thorough and uniform coverage.

<u>TREE SIZES</u>	Trellised trees/ Trees less than 10'	10' to 15' Trees	Trees greater than 15' tall
KELTHANE 50 LBS. PER ACRE	3	3 1/2 to 4 1/2	5 to 6

Use the higher rate in each range for larger trees or more dense foliage. Apply at petal fall to second cover or whenever mite populations reach threshold levels as specified by Agricultural Experiment Station or State Extension Service Specialists. Do not make more than 2 applications per season and do not apply within 7 days of harvest. To avoid possible injury do not use glyodin fungicide with KELTHANE 50 miticide in late cover sprays..

GRAPES- For brown almond(clover), two-spotted, European red, Pacific, Mc Daniel, Willamette and yellow mites, apply just after bloom or whenever mites appear and repeat if necessary.

STRAWBERRIES- Two-spotted, strawberry(Atlantic), and six spotted mite, use 1/2 to 1 lb. KELTHANE 50 miticide per acre. Apply when mites appear and repeat as necessary. For Cyclamen mite use 1^{1/2} to 4^{3/4} lbs. KELTHANE 50 miticide per acre. Apply 2 or 3 thorough high-pressure, drenching sprays(400 gallons per acre) at 10 to 20 day intervals when new growth starts in spring, or use as a spot treatment in infested areas during production season.

VEGETABLES AND FIELD CROPS

CUCUMBERS, CANTALOUPE, MELONS, WATERMELONS, PUMPKINS, WINTER AND SUMMER SQUASH- For two-spotted, Pacific, tropical and tomato russet mite, apply at first signs of mite buildup and repeat as necessary for adequate control. Because foliage of cucurbit crops is difficult to wet, use sufficient carrier(water) volume to provide thorough coverage and use 2 quarts of LATRON B-1956™ spray adjuvant per 100 gallons of spray mix. Do not make more than 2 applications and do not apply within 2 days of harvest. Do not feed treated vines, forage or crop residues to meat or dairy animals.

FOR USE ON

CLOVER MITES ON BUILDINGS- Use 1/2 to 1 pound of KELTHANE 50 miticide per 100 gallons of water. Thoroughly spray outside walls, foundations and windowsills, and plants and lawn at base of infested buildings.

LAWN AND TURF GRASSES- Clover, brown and Bermuda grass mites. Use 1/2 to 1 pound KELTHANE 50 miticide per 100 gallons of water (1 tablespoon per gallon). Apply at 2 1/2 gallons per 1000 sq. ft. Make application when mites appear covering the entire lawn area with a thorough spray and repeat in 10 to 14 days if necessary.

ORNAMENTALS, FLOWERS, NURSERY STOCK AND SHADE TREES- For control of mites on greenhouse or outdoor plants use 1/2 to 1 pound KELTHANE 50 miticide per 100 gallons (1 tablespoon per gallon of water). Apply when mites are present and repeat as necessary.

NOTE: KELTHANE 50 miticide may be used without any spreader-sticker. When necessary to improve the spray coverage on foliage difficult to wet and to smooth out spray deposits on maturing fruit, LATRON B-1956 spray adjuvant is recommended. Other suitable pesticide spreader-stickers may also be used, except in situations where LATRON B1956 is recommended as the only acceptable spreader-sticker.

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