

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-757)
WASHINGTON, DC 20460

707-229
EPA REGISTRATION NO. 707-229

DATE OF ISSUANCE
March 4, 1992

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

TERM OF ISSUANCE
Until Reregistration

NAME OF PESTICIDE PRODUCT
Kelthane 50 Agricultural
Miticide

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Rohm and Haas Company
Independence Mall West
Philadelphia, Pennsylvania 19105

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 FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the following label changes:

- a. Add the signal word, CAUTION, immediately after the phrase "Hazards to Humans and Domestic Animals."
- b. In the Statement of Practical Treatment for "If In Eyes," delete the phrase "for at least 15 minutes."

3. Revise the Confidential Statement of Formula (CSF) so that per cent by weight of the product's components (column 13a) totals 100%.

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

ATTACHMENT IS APPLICABLE
constitutes acceptance of these conditions.

SIGNATURE OF APPROVING OFFICIAL

Donnie H. Edwards

DATE

3/4/92

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

DHE

Dennis H. Edwards Jr.
Product Manager 19
Insecticide-Rodenticide Branch
Registration Division (H7505C)

enclosure

KELTHANE® 50



AGRICULTURAL MITICIDE WETTABLE POWDER

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.

KEEP OUT OF REACH OF CHILDREN CAUTION CUIDADO

Precaucion Al Usuario: Si usted no lee inglés, no use este producto hasta que la etiqueta haya sido explicada ampliamente.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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. Wear chemical-resistant gloves when mixing, loading, or applying this product. This product is a skin sensitizer.

Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

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.

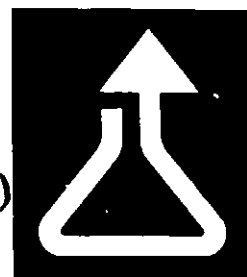
IF INHALED: Remove victim to fresh air. Treat the victim symptomatically. If irritation persists call a physician.

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 for at least 15 minutes. If irritation persists call a physician.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.



**ROHM
& HAAS**

PHILADELPHIA, PA 19105
TEL: (215) 592-3000

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-1[®], 477-TX-1[®]
Superscript used is first letter of lot number.

NET CONTENTS

6 LBS. (2.72 KG)

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 4 1992

(1 inch)

54Y-2638 Rev. - Rohm and Haas - OC - 1/22/92

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

707-229

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.**

DIRECTIONS FOR USE

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

CHEMIGATION

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

RE-ENTRY AND WORKER PROTECTION STATEMENTS

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

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written warnings must include the following information:

CAUTION

(Insert area or field description) treated with KETHANE 50 miticide on (insert date of application). Do not enter treated area without protective clothing until sprays have dried. In case of accidental exposure, call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to KETHANE 50 miticide and describe his condition. For further information see the "Statement of Practical Treatment." Oral warnings must include the same information that is in the written warnings.

GENERAL USE INFORMATION

KETHANE 50 miticide gives high initial kill against most species of agricultural mites including European red, two-spotted (red spider), six-spotted, Pacific, gravel, Schoene, yellow (cargani), McDaniel, Willamette, spruce, desert and tropical mites. KETHANE 50 is a specific miticide and is harmless to predators and other beneficial insects.

KETHANE 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. KETHANE 50 miticide is believed to be compatible with other insecticides and fungicides in common use.

Do not put KETHANE 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™ spray adjuvant.

For proper application, mix KETHANE 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 KETHANE 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.

CROP	KETHANE 50/lbs. per Acre Each Application		Mixing Rate lbs. per 100 gals. Dilute Spray*	Days Before Harvest
	Small Plants	Large Plants		
APPLES, CRABAPPLES, PEARS, QUINCES	(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 (see use instructions)	1/2	4 1/2	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, McDaniel, Pacific spider, Schoene spider, two-spotted spider, Willamette, and yellow (cargani) mites. Apply at the rates specified in the table below in sufficient water to insure thorough and uniform coverage.

Tree Sizes	Trained trees/ Trees less than 10'	10' to 15' Trees	Trees greater than 15' tall
KETHANE 50, pounds 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 glydan fungicide with KETHANE 50 miticide in late cover sprays.

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

STRAWBERRIES — Two-spotted, strawberry (Atlantic), and six spotted mites, use 1/2 to 1 lb. KETHANE 50 miticide per acre. Apply when mites appear and repeat as necessary.

For Cyclamen mite use 1 1/2 to 4 1/2 lbs. KETHANE 50 miticide per acre. Apply 2 or 3 through high-pressure, drenching sprays (400 gallons per acre) of 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 mites, 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 BITES ON BUILDINGS — Use 1/2 to 1 pound KETHANE 50 miticide per 100 gallons of water. Thoroughly spray outside walls, foundations and window sills, and plants on lawn at base of infested buildings.

LAWN AND TURF GRASSES — Clover, brown and Bermuda grass mites. Use 1/2 to 1 pound KETHANE 50 miticide per 100 gallons of water (1 tablespoon per gallon). Apply at 2 1/2 gallons per 10-ft or 1/2 lb. miticide 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 KETHANE 50 miticide per 100 gallons (1 tablespoon per gallon of water). Apply when mites are present and repeat as necessary.

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

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 mix, or dilute 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 in 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. Remove contaminated clothing promptly and wash exposed skin areas with soap and water. Wash clothing before reuse. Keep spills out of all sewers and open bodies of water. REFER TO PRECAUTIONARY STATEMENTS.

