

FOR AGRICULTURAL USE ONLY

# KELTHANE<sup>®</sup> 4F



## FLOWABLE AGRICULTURAL MITTICIDE



**ROHM  
AND  
HAAS**  
PHILADELPHIA, PA 19105

**KEEP OUT OF REACH OF CHILDREN**

### WARNING AVISO

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

**NOTICE:** Before using this product read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Precautions and Storage and Disposal Instructions on side panels and attached use directions. 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**  
JUN - 8 1989  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, the pesticide registered under EPA Reg. No. 707-201

#### ACTIVE INGREDIENT

Dicofol  
1,1-Bis(chlorophenyl)-2,2,2-trichloroethanol ..... 41%\*

**INERT INGREDIENTS** ..... 59%

\*Equivalent to 4 lbs. of active ingredient per gallon ..... 100%

EPA Reg No. 707-201

EPA Est No 707-PA-1

KELTHANE is a registered trademark of Rohm and Haas Company

This product contains the toxic inert ingredient formaldehyde.

**SHAKE WELL** — Grasp container by handle and mix contents by inverting end-over-end. Product will usually become homogeneous by repeating this action 15 to 20 times.

#### NET CONTENTS

**2.5 GALS**  
(9.46 L)

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### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes substantial but temporary eye injury and skin irritation. Harmful if swallowed or inhaled. Do not get in eyes, on skin or on clothing. **Skin contact with this pesticide may be hazardous; wear chemical-resistant gloves when mixing, loading, or applying this product. This product is a skin sensitizer.** Repeated exposure may cause allergic reaction in some individuals. If allergic reaction should occur, discontinue use and see a physician. Avoid breathing spray mist. Wear goggles or face shield when applying. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Flush with plenty of water. Get immediate medical attention.

**IF INHALED:** Move subject to fresh air.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation continues.

**IF SWALLOWED:** Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Avoid alcohol and fat based liquids like milk. Get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Adrenergic amines may cause myocardial irritability in the presence of chlorinated hydrocarbons and convulsions may be a prominent symptom of poisoning.

#### ENVIRONMENTAL HAZARD

This pesticide is toxic to fish. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters.

#### 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.**

## 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:

### WARNING

(Insert area or field description) treated with KELTHANE 4F on (insert date of application). Do not enter treated areas 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 KELTHANE 4F 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.

#### CHEMIGATION

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

#### DIRECTIONS FOR USE

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

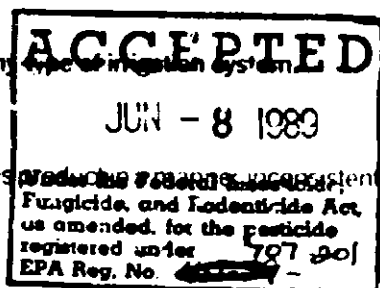
#### GENERAL INFORMATION

KELTHANE 4F miticide is a flowable formulation that gives high initial kill against most species of agricultural mites, including the following:

|                     |              |                          |
|---------------------|--------------|--------------------------|
| apple rust          | desert       | six spotted              |
| Bermuda             | dryberry     | spruce                   |
| brown               | European red | strawberry (Atlantic)    |
| Carmine             | McDaniel     | Texas citrus             |
| citrus flat         | Pacific      | tomato russet            |
| citrus red (purple) | peach silver | tropical                 |
| citrus rust         | plum nursery | two spotted (red spider) |
| clover              | privet       | Willamette               |
| cyclamen            | Schoene      | yellow (carpini)         |
|                     |              | Yuma                     |

KELTHANE 4F miticide is a specific miticide and will not kill bees and beneficial insect predators, when used as recommended.

KELTHANE 4F miticide may be applied in dilute or in concentrate ground sprays. Coverage on the underside of leaves is especially important. For further details, see specific recommendations in these use directions, then consult current State Agricultural Experiment Station spray schedules or State Extension Service Specialists for additional details on compatibility, dosage, timing and uses.



Use only for recommended purposes and at recommended rates. Do not use with Glyodin fungicide in late cover sprays in apples.

## USE PRECAUTIONS

- Read and observe all label directions including use precautions before using.
- Use only for recommended purposes and at recommended rates.

## CROP RECOMMENDATIONS

**APPLES** — Apple rust, clover, European red, McDaniel, Pacific, Schöene, two spotted, Willamette and yellow (carpini) mites

**Dosage** — For dilute sprays use 3/4 to 1 pint KELTHANE 4F miticide per 100 gallons. Use the 1 pint rate per 100 gallons spray for large trees or heavy mite populations. KELTHANE 4F miticide is recommended at a minimum rate of 3 pints per acre in either dilute or concentrate sprays. The maximum rate for KELTHANE 4F miticide is 8 pints per acre. For concentrate ground applications use 3 to 8 pints of KELTHANE 4F miticide per acre depending on the size and number of trees per acre, foliage density and mite pressure. When heavy mite populations are encountered, two successive sprays applied 7 to 10 days apart are recommended.

**Application** — Dilute applications should be made in sufficient volume to provide thorough coverage of all parts of the tree. Concentrate applications are recommended at 50 gallons of water per acre or greater with sufficient air volume to provide thorough coverage of all tree parts. The amount of KELTHANE 4F miticide applied per acre should be the same whether dilute or concentrate sprays are used.

**Timing of Application** — Applications are recommended in the second or later cover sprays at the first sign of mite buildup. Repeat applications should be made as necessary for adequate season control.

### Use Restrictions — Apples

- Do not apply KELTHANE 4F miticide to Idared variety before the second cover spray.
- Applications of KELTHANE 4F miticide to Golden Delicious varieties should not exceed 4 pints per acre per spray.
- Do not apply KELTHANE 4F miticide within 7 days of harvest.
- Refer to label section for pesticide compatibility.

**BEANS (dry) — CALIFORNIA ONLY** — Pacific, tomato russet, tropical and two spotted mites. Use 3 pints per acre. Apply at first signs of mite buildup and repeat as necessary. Do not apply within 21 days of harvest. Do not feed treated vines (or crop residues) to meat or dairy animals.

**BEANS (dry)** — Pacific, tropical and two spotted mites. Use 3/4 to 1 pint per acre. Apply at first signs of mite buildup and repeat if necessary. Do not apply within 7 days of harvest. Do not feed treated vines (or crop residues) to meat or dairy animals.

**CITRUS (grapefruit, kumquats, lemons, limes, oranges, tangelos, tangerines)** — Citrus flat, citrus red, citrus rust, six spotted, Texas citrus and Yuma mites. Apply in full coverage sprays using 1 pint per 100 gallons of dilute spray (2 gallons maximum per acre). If concentrate sprays are used, adjust dosage accordingly. Apply when mites appear in threatening numbers and repeat as required for satisfactory control. Do not apply within 7 days of harvest.

**COTTON** — Desert, Pacific and two spotted mites. Use 1 to 1 1/2 quarts per acre, depending on size of plant and density of foliage. Apply in sufficient water to provide thorough coverage. Begin application when mites are first noted and repeat if necessary, and do not apply within 14 days of harvest. Do not feed cotton stalks or trash to meat or dairy animals.

adequate coverage to underside of leaves. Use the higher maximum use rate of 1 1/8 pints when vines begin to cover ground. Make applications at first signs of mite buildup and repeat if necessary. Do not feed treated vines or crop residues to meat or dairy animals. Do not apply KELTHANE 4F miticide within 2 days of harvest.

**GRAPES** — For European red, McDaniel, Pacific, two spotted and Willamette mites. Use 1 1/3 to 2 1/3 pints KELTHANE 4F miticide per acre in sufficient water to provide thorough coverage. Adjust spray nozzles to provide adequate coverage to underside of leaves. Make applications during cover sprays when mites appear and repeat as necessary. Do not apply within 7 days of harvest.

**HOPS** — For Pacific and two spotted mites. Use 2 to 2 1/2 pints KELTHANE 4F miticide per acre in sufficient water to provide full coverage to all plant parts. Use lower recommended dosage rate when plants are small and increase dosage rate with development of vines. Apply at first sign of mite buildup and repeat when necessary. Do not apply KELTHANE 4F miticide within 7 days of harvest. Do not feed treated vines or crop residues to meat or dairy animals.

**MINT (peppermint for oil production)** — For two spotted mites. Use 1 1/4 to 2 pints KELTHANE 4F miticide per acre in sufficient water for thorough coverage. Make application when mites become active. Do not apply within 30 days of harvest and do not make more than one application per crop per season. Do not feed treated fresh or spent hay to livestock.

**NOTE:** KELTHANE 4F 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, TRITON B 1956\* is recommended. Other suitable pesticide spreader stickers may also be used except in situations where TRITON B 1956 is recommended as the only acceptable spreader sticker.

## STORAGE AND DISPOSAL

**PROHIBITIONS AND RECOMMENDATIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Keep container closed when not in use.

**STORAGE:** Keep from freezing. Store at 32 F-110 F.

**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:** Triple rinse (or equivalent). Puncture and dispose of 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:** Ventilate area. Avoid breathing vapors. Use MSHA/NIOSH self contained breathing apparatus or airline respirator for large spills in confined areas. Dike the spill with inert material (sand, earth, etc.) and transfer the liquid or solid diking material to separate containers for recovery or disposal. Remove contaminated clothing promptly and wash exposed skin areas with soap and water. Wash clothing before reuse. Keep spill out of all sewers and open bodies of water.

ALAP is a registered trademark of Uniroval, Inc.  
CYPREX is a registered trademark of Amer. Cyanamid Company.  
KELTHANE and TRITON B 1956\* are registered trademarks of Rohm and Haas Company.

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**SEE ATTACHED PAMPHLET ON BACK PANEL FOR COMPLETE USE DIRECTIONS.**

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MADE IN U.S.A.

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