

5. On July 22, 1987 the Office of Endangered Species (OES) issued a final Biological Opinion concerning the possible impacts on threatened and endangered species from using pesticide products containing dicofol. Within 30 days after receipt of that or any other final Biological Opinion, you must agree to carry out such other actions, including submission to EPA of additional data, as are required or recommended in the final Biological Opinion.

The following biological opinion was expressed in the July 22, 1987 final opinion:

"The continued use of dicofol having less than 0.1% DDT contamination is not likely to jeopardize the continued existence of any population of either subspecies of the peregrine falcon or any other sensitive listed avian species considered in our previous biological opinions on the chemical (bald eagle, California condor, brown pelican, and wood stork) or result in the destruction or adverse modification of the designated critical habitat of the American peregrine falcon or the California condor"

In order to meet your responsibilities of the Endangered Species Act, we are requiring the following:

a. Environmental monitoring must continue in accordance with our 3(c)(2)(B) notice of September 12, 1986.

b. A dose-response curve must be developed down to one (1) ppm or the no effect level using the American kestrel as the test species. Birds should be fed test diets at least 28 days immediately prior to initiation of egg laying to determine effects on eggshell thickness. must be included in the study. Since sufficient stocks of these birds are difficult to obtain at times, the Agency will negotiate the due date for this study.

c. Basic toxicological data and effects on eggshell thickness for the compound DCBP must be submitted using the American kestrel as the test species. However, the Agency is reserving this study pending the results of both paragraphs a. and b., above.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(a). Your release for shipment of the product constitutes acceptance of these conditions.

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

Dennis H. Edwards, Jr.
Product Manager (12)
Insecticide-Rodenticide Branch

Not to be sold, offered for sale, held for sale, shipped, delivered for shipment, offered for delivery, or received after December 31, 1988. Not to be used after March 31, 1989.

KELTHANE[®] MF

AGRICULTURAL MITICIDE
EMULSIFIABLE CONCENTRATE

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 and back 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.



ACTIVE INGREDIENT

1,1-Bis(chlorophenyl) 2,2,2-trichloroethanol	42%*
INERT INGREDIENTS	58%
TOTAL	100%

*Equivalent to 4 lbs active ingredient per gallon

EPA Reg. No. 707-202

EPA Est. No. 707-PA-1,[®] 279-FL-1[®]

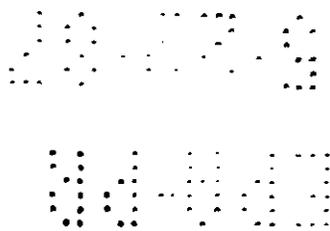
Superscript used is first character of lot number.

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NET CONTENTS

1 GALLON
(3.785 LITERS)



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.

If Swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger; or, call a physician and have the stomach emptied immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye, skin, nose and throat irritation. Avoid contact with skin, eyes and clothing. Skin contact with this pesticide may be hazardous; wear chemical-resistant gloves when mixing, loading, or applying this product. Avoid breathing vapors or spray mist.

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

**STATEMENT OF PRACTICAL
TREATMENT**

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger; or, call a physician and have the stomach emptied immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Because this product contains a chlorinated hydrocarbon insecticide, vomiting or careful gastric lavage is recommended. Epinephrin or other adrenergic amines can cause myocardial irritability.

IF INHALED: Remove victim to fresh air. Treat the victim symptomatically. Call a physician if problem continues.

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. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

**PHYSICAL AND CHEMICAL
HAZARDS**

FLAMMABLE.
Do not use, pour, spill, store near fire or open flame.
Do not use in the vicinity of pilot lights.

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. (SEE ATTACHED PAMPHLET FOR COMPLETE USE DIRECTIONS).

**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. SEE USE DIRECTIONS FOR ADDITIONAL RE ENTRY STATEMENTS.

STORAGE AND DISPOSAL

STORAGE — Keep from freezing. Store at 32°F-110°F.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or 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: Empty container (or equivalent) then 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: Eliminate ignition sources. Ventilate area. Avoid breathing vapors. Wear respirator, suitable for vapor concentration encountered [MSHA/NIOSH approved or equivalent]. Dike the spill with inert material and transfer the liquid or solid diking materials to separate containers. Wash clothing before re-use. REFER TO PRECAUTIONARY STATEMENTS.

BEST AVAILABLE COPY

ments, Conditions of Sale and Warranty, Directions for Use, Use Precautions 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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye, skin, nose and throat irritation. Avoid contact with skin, eyes and clothing. Skin contact with this pesticide may be hazardous; wear chemical-resistant gloves when mixing, loading, or applying this product. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before re-use.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 to 2 glasses of water. Call a physician and have the stomach emptied immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Because this product contains a chlorinated hydrocarbon insecticide, vomiting or careful gastric lavage is recommended. Epinephrin or other adrenergic amines can cause myocardial irritability.

IF INHALED: Remove victim to fresh air. Treat the victim symptomatically. Call a physician if problem continues.

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. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

PHYSICAL AND CHEMICAL HAZARDS

FLAMMABLE

Do not use, pour, spill or store near heat or open flame. Do not use in the vicinity of pilot lights.

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.

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.

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 KELTHANE MF 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 (hospital, clinic or hospital immediately. Explain that the victim has been exposed to KELTHANE MF 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.

If Swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching back of tongue with fingers; or, call a physician and have the stomach emptied immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

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GENERAL USE INFORMATION

KELTHANE MF Miticide is an emulsifiable formulation that has high initial kill against most species of agricultural mites. **KELTHANE MF** is a specific miticide and will not kill bees and beneficial insect predators, when used as recommended.

KELTHANE MF Miticide is compatible with most other commonly used insecticides and fungicides. It should not be combined with lime. **KELTHANE MF Miticide** may be applied in dilute or in concentrate ground sprays. For aerial sprays use 3 to 10 gallons of water per acre to provide thorough coverage of all plant parts. Coverage on the underside of leaves is especially important. For further details see specific recommendations on this label, then consult current State Agricultural Experiment Station spray schedules or State Extension Service Specialists for additional details on compatibility, dosage, timing and uses.

spotted, Willamette and yellow mites. Use 1 1/2 to 2 1/2 pints **KELTHANE MF Miticide** per acre. Apply just after bloom or whenever mites appear and repeat if necessary. Do not apply within 7 days of harvest.

STRAWBERRIES—Six-spotted, strawberry (Atlantic) and two-spotted mites. Use 1 quart **KELTHANE MF Miticide** per acre. Apply when mites appear and repeat as necessary but do not apply within 2 days of harvest, or if temperature exceeds 90°F.

WALNUTS — For clover (brown almond), European red, McDaniel, Pacific, two-spotted, Willamette and yellow mites. Use a full coverage spray of 1/2 to 1 pint **KELTHANE MF Miticide** per 100 gallons dilute spray (1 gallon maximum/acre). Apply just after bloom or whenever mites appear and repeat if necessary. Do not apply within 14 days of harvest.

NOTE: **KELTHANE MF 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 8-1955** is recommended. Other suitable pesticide spreader-stickers may also be used except in situations where **TRITON 8-1956** is recommended as the only acceptable spreader-sticker.

VEGETABLES AND FIELD CROPS

BEANS (dry, green, lima) — Pacific, tropical and two-spotted mites. Use 1/2 to 1 pint **KELTHANE MF Miticide** per acre. Apply at first signs of mite buildup and repeat as necessary. Do not apply within 7 days of harvest. Do not feed treated vines (or crop residues) to meat or dairy animals.

BEANS (dry, green, lima) California only — Pacific, tomato russet, tropical and two-spotted mites. Use 3 pints **KELTHANE MF Miticide** 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.

COTTON — Desert, Pacific and two-spotted mites. Use 1 to 1 1/2 quarts **KELTHANE MF Miticide** 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 noticed and repeat if necessary but do not apply within 14 days of harvest. Do not feed cotton stalks or trash to meat or dairy animals.

MINT — Peppermint and spearmint for commercial oil production. For control of two-spotted mites use **KELTHANE MF Miticide** at 1 1/2 to 2 1/2 pints 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.

FRUITS AND NUTS

CITRUS (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines) — Citrus flat, citrus red (purple), citrus rust, six-spotted, Texas citrus and Yuma mites. Apply **KELTHANE MF Miticide** in full coverage sprays using 1 pint per 100 gallons of dilute spray (2 gallons maximum/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.

STORAGE AND DISPOSAL

STORAGE — Keep from freezing. Store at 32°F-110°F.

PESTICIDE DISPOSAL — Do not contaminate water, food, or feed by storage or 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). Then 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: Eliminate ignition sources. Ventilate area. Avoid breathing vapors. Wear respirator suitable for vapor concentration encountered (MSHA/NIOSH approved or equivalent). Dike the spill with inert material and transfer the liquid or solid diking materials to separate containers. Wash clothing before re-use. REFER TO PRECAUTIONARY STATEMENTS.

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