

PM 19 707-204

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

APR 1 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

ANN M. TILLMAN, Ph D
ROHM & HAAS COMPANY
AGRI. CHEMICALS REGISTRATION & REGULATOR
INDEPENDENCE MALL WEST
PHILADELPHIA, PA. 19105

Subject: Label Amendment Submission of 9/17/93 Response to PR Notice 93-7
EPA Reg. No. 707-204
KELTHANE EC 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

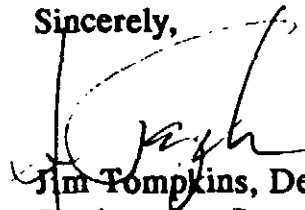
Submit the final printed labeling via the U.S. Postal Service to:

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

REVISED LABEL 3049

KELTHANE® EC

AGRICULTURAL MITICIDE
EMULSIFIABLE LIQUID



FOR AGRICULTURAL USE ONLY OR ONLY FOR SALE TO, USE,
AND STORAGE BY SERVICE PERSONS

ACTIVE INGREDIENT

Dicofol

1,1-Bis(chlorophenyl)-2,2,2-trichloroethanol..... 18.5%*

INERT INGREDIENTS..... 81.5%**

TOTAL 100%

*Equivalent to 1.6 lbs. active ingredient per gallon.

**Contains Xylene range petroleum distillates

ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 1 1994

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

707-204

EPA REG. NO. 707-204

EPA EST. NO 5902-GA-1-C; 802-OR-1-P

SUPERScript USED IS FIRST LETTER OF LOT NUMBER

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NOTICE: 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 WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail) *revised*

STATEMENTS OF PRACTICAL TREATMENT

- If Swallowed:** Drink one to two 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 is recommended. Probable mucosal damage may contraindicate the use of gastric lavage. Adrenergic amines may cause myocardial irritability in the presence of chlorinated hydrocarbons and convulsions may be a prominent symptom of poisoning. This product contains xylene (petroleum distillate).
- 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. Call a physician.

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

Can cause eye injury and skin irritation. Harmful if swallowed, absorbed through the skin 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.~~ Avoid breathing vapors or spray mist.

revised

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

added

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves, such as Barrier Laminate or Viton.
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing or loading

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.

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 HAZARD

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 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 equipment washwaters. 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.

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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 any 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.

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 over short-sleeved shirt and short pants.
- Chemical-resistant gloves, such as Barrier Laminate or Viton.
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

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.

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CHEMIGATION

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

GENERAL INFORMATION

KELTHANE EC gives high initial kill against most species of agricultural mites including the following:

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

KELTHANE EC is a specific miticide and will not kill bees and beneficial insect predators when used as directed.

KELTHANE EC miticide can be applied alone or with other pesticides in recommended spray schedules. It should not be used with lime or with materials not compatible with solvent-based pesticide formulations. 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.

KELTHANE EC miticide is mixed with water and may be applied with conventional dilute or concentrate ground sprayers. Follow the dosage rates per acre listed below regardless of the gallonage of the spray applied. The higher dosages suggested are for larger trees or plants or heavier mite populations. Uniform coverage is necessary but the optimum spray gallonage varies with the type of equipment, size and density of the crop plants.

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To avoid excessive residue at harvest do not exceed the maximum dosage per acre, or the time restriction between last application and harvest for each crop group listed in the table below.

SUMMARY OF DOSAGE RATES AND LIMITATIONS

CROP	Dosage		Qts. Per 100 Gals Dilute Sprays*	Cutoff Days Before Harvest
	Qts. Per Acre Min.	Max		
Chestnuts, Filberts, Hickory Nuts Pecans, Walnuts	4	10	1	14
Beans (dry)	1 1/2	2	--	45
.....	1	1 1/2	--	7
Citrus (all)	4	10	1	7
Cotton	2	4	--	14
Hops.....	1 1/2	3	1	7
Mint.....	2	3	--	30
Strawberries-Two spotted and similar mites	1	2	2	2
Strawberries-Cyclamen mite	--	6	1 1/2	2
Clover mites on buildings....	Full Coverage		3/4-1	--
Lawn and Turf Grasses	Full Coverage		3/4-1	--

*Gallonage of spray will vary with size and number of trees or plants per acre and the density of the foliage. In any case, thorough coverage of all parts of the plant is essential for good mite control.

Do not apply to any crop within 2 weeks following sulfur dust or spray.

In general, KELTHANE EC applications should be made as the various mite species begin to appear in threatening numbers and repeated as necessary for adequate seasonal control, except as noted or recommended locally.

VEGETABLE AND FIELD CROPS

BEANS (DRY), HOPS - Pacific, tomato russet, tropical and two-spotted mites. Apply at first signs of mite buildup and repeat as necessary. Do not feed crop residues to dairy or meat animals.

COTTON - Desert, Pacific and two spotted mites. Use 2 to 4 quarts KELTHANE EC per acre, depending on size of the plant and density of the foliage. Apply with ground sprayers in sufficient water to provide thorough coverage. Begin application when mites are first noticed and repeat if necessary. Do not feed cotton trash to meat or dairy animals.

MINT - Peppermint and spearmint for commercial oil production. For control of two-spotted mites use KELTHANE EC at 2 to 3 quarts per acre. Make application when mites become active. Do not apply within 30 days of harvest and do not make more than one application per crop 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. Follow local timing recommendations.

CHESTNUTS, FILBERTS, HICKORY NUTS, PECANS, WALNUTS - Clover, brown, almond, European red, McDaniel, Pacific two-spotted, Willamette and yellow mites. Apply just after bloom or whenever mites appear and repeat if necessary.

STRAWBERRIES - Six spotted, strawberry (Atlantic) and two-spotted mites. Apply when mites appear and repeat as necessary. For cyclamen mites 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. Do not apply to strawberries after fruit formation in California, Washington or Oregon. Use KELTHANE 35 instead.

OTHER USES

BERMUDAGRASS GROWN FOR SEED - For control of Banks grass mite, Bermuda, brown and clover mites, use 0.75 to 1 quart per acre. For ground application mix KELTHANE EC in water and apply in full coverage applications at the rate of 40 to 100 gallons per acre depending on density and height of grass stand. For aerial applications apply in sufficient water to provide thorough coverage. Applications should be made as soon as mites appear and repeat applications made in 10 to 15 days if necessary. Do not feed clippings or allow livestock to graze treated areas.

CLOVER MITES ON BUILDINGS - Use $\frac{3}{4}$ to 1 quart KELTHANE EC per 100 gallons. Thoroughly spray outside walls, foundations, windowsills, plants and lawns at base of infested buildings.

LAWN AND TURF GRASSES - Bermuda, brown and clover mites. Use $\frac{3}{4}$ to 1 quart KELTHANE EC per 100 gallons (2 teaspoons per gallon). Apply $2\frac{1}{2}$ gallons dilute spray per 1000 square feet. Make application when mites appear, covering the entire lawn area with a thorough spray and repeat in 10 to 14 days if necessary.

NOTE: KELTHANE EC may be used without and 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 is recommended at 1 to 2 ounces per 100 gallons of spray or equivalent for concentrate sprays. Other suitable pesticide spreader-stickers may also be used, except in situations where LATRON B-1956 is recommended as the only acceptable spreader-sticker.

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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

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 incinerate 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 source. Ventilate area. Avoid breathing vapors. Dike the spill with inert material (Sand, earth, etc.) and transfer the liquid or solid diking material to separate containers for recovery or disposal. Keep spill out of all sewers and open bodies of water. REFER TO PRECAUTIONARY STATEMENTS.

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AT/rdm
7/20/93

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