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United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
Washington, DC 20460

Application for Pesticide:

Registration  
 Amendment  
 Other

OPP Identifier Number  
165936

Section I

1. Company/Product Number Rohm and Haas Co. /707-204	2. EPA Product Manager D. Edwards	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) KELTHANE <sup>R</sup> EC Agricultura Miticide Emulsifiable Liquid	PM# 19	
5. Name and Address of Applicant (Include ZIP Code) Rohm and Haas Company Independence Mall West Philadelphia, PA 19105 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Comply with PR 93-3 and changes per EPA letter dated 4/17/92

**NOTIFICATION**  
**LABEL NOT REVIEWED**  
**PER PA NOTICE 93-4**  
**DATE 7/12/93**

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Metal Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other (_____)		

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Ann M. Tillman, Ph.D.	Title Product Registration Mgr.	Telephone No. (Include Area Code) 215-592-3105
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Ann M. Tillman</i> Ann M. Tillman	3. Title Product Registration Manager	
4. Typed Name Ann M. Tillman	5. Date June 24, 1993	

# 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

EPA REG. NO. 707-204

EPA EST. NO 5902-GA-1-C; 802-OR-1-P  
SUPERSCRIPIT USED IS FIRST LETTER OF LOT NUMBER

NOTIFICATION  
LABEL NOT REVIEWED  
PER FR NOTICE 88-6

DATE 7/12/93

©Copyright 1988 Rohm and Haas Company

KELTHANE, LATRON and B-1956 are registered trademarks of Rohm and Haas Company

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

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

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. Wear goggles or face shield when handling. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before re-use.

**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.

**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.

**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.

**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 EC miticide 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 EC 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.

**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.

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) .....	1½	2	--	45
.....	1	1½	--	7
Citrus (all) .....	4	10	1	7
Cotton .....	2	4	--	14
Hops.....	1½	3	1	7
Mint .....	2	3	--	30
Strawberries-Two spotted and similar mites .....	1	2	2	2
Strawberries-Cyclamen mite .....	--	6	1½	2
Clover mites on buildings....	Full Coverage		¾-1	--
Lawn and Turf Grasses .....	Full Coverage		¾-1	--

\*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.

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**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.

### **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. Use MSHA/NIOSH Self-contained breathing apparatus or air mask 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 re-use. Keep spill out of all sewers and open bodies of water. REFER TO PRECAUTIONARY STATEMENTS.



June 24, 1993

Mr. Dennis Edwards  
Registration Division (TS-767C)  
U.S. Environmental Protection Agency  
Crystal Mall #2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Dear Mr. Edwards:

Subject: Kelthane EC Agricultural Miticide  
EPA Registration No. 707-204  
Notification of Compliance with PR 93-3

In accordance with the recently issued PR Notice 93-3, the current language in the Environmental Hazards section has been changed. The sentence "For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark." has been added and the current sentence "Do not apply directly to lakes, streams or ponds." has been deleted. The change is highlighted in the revised copy of the enclosed label. Since the wording adopted was exactly as given in the PR notice, this change may be made by notification to EPA.

In addition to the change noted above, the tradename TRITON, when referenced in the label, has been changed to LATRON I. LATRON is the new tradename given to TRITON spray adjuvants manufactured by Rohm and Haas Co.

The statement in the Environmental Hazards section has been changed per your letter dated July 10, 1992 from "disposal of wastes" to "disposal of equipment washwaters."



Mr. Dennis Edwards  
June 24, 1993

2. 7049

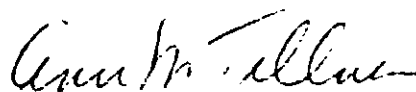
In the Statements of Practical Treatment under the If in Eyes section, the phrase "for at least 15 minutes has been deleted per your letter dated April 17, 1992.

To support the label notification, a copy of the following is enclosed:

- Five (5) copies of the revised label. One copy of the revised label and one copy of the currently approved label is highlighted to show the changes proposed.
- An application for label amendment, EPA Form 8570-1

If you have any questions about this notification, please contact me at (215) 592-3102.

Sincerely,



Ann M. Tillman, Ph. D.  
Product Registration Manager  
Agricultural Chemicals Registration  
and Regulatory Affairs

Enclosures

