

PM12
100-458

10/4

RESTRICTED USE PESTICIDE

THE USE OF THIS PRODUCT MAY BE HAZARDOUS TO YOUR HEALTH
THIS PRODUCT CONTAINS CHLOROBENZILATE WHICH HAS BEEN
DETERMINED TO CAUSE TUMORS IN LABORATORY ANIMALS
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR
PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE
USES COVERED BY THE CERTIFIED APPLICATORS CERTIFICATION.

Acaraben®

ACCEPTED
JAN 13 1988
EPA REG. NO. 100-458

4E

Miticide

For control of mites on citrus

Active Ingredients:	
Ethyl 4,4'-dichlorobenzilate	45.5%
Petroleum distillate ..	48.5%
Inert Ingredients: 6.0%	
Total:	100.0%

Acaraben 4E contains 4 lbs. chlorobenzilate per gallon.

Keep Out of Reach of Children.

WARNING/AVISO

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

See additional precautionary statements left of container seam.

See directions for use on panel at right.

Five Gallons
U.S. Standard Measure

EPA Reg. No. 100-458

Control No. **06680**

CIBA-GEIGY

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DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product.

Conditions of Sale and Warranty

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. **CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

General Information

Acaraben 4E miticide is an emulsifiable solution intended for application after dilution with water. The rates below are for dilute sprays (rate per 100 gals. of water) unless otherwise stated. In general, application should be made when mites first appear. For severe infestations, or if conditions are favorable for mite buildup, repeated applications will be

necessary. Do not use with high alkaline materials such as lime.

DIRECTIONS FOR USE

Restricted Use Classification

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

For use only in Arizona, California, Florida and Texas.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons except those knowingly involved in the application. The area being treated must be vacated by unprotected persons.

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

FAILURE TO FOLLOW ALL PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

Reentry Statement

Do not enter treated citrus groves within 24 hours.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

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 inform workers of areas or fields that may not be entered without specific protective clothing until sprays have dried, and appropriate actions to take in case of accidental exposure, as described under **Precautionary Statements** on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: **WARNING:** Area treated with Acaraben 4E on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of

Acaraben® 4E

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accidental exposure, wash skin as soon as possible with plenty of soap and water. If in eyes, flush with plenty of water. Get medical attention. Wash contaminated clothing before reuse.

Grapefruit, Oranges, Lemons, Limes, Tangelos, Tangerines, Kumquats

Citrus Rust Mites: Apply ¼-½ pt. per 100 gals. of water, or 5 pts. per acre in sufficient water to assure thorough coverage when mites first appear. For severe infestations, or if conditions are favorable for mite buildup, repeated applications will be necessary.

Aerial Applications: Apply 1½ pts. in 10 gals. of water per acre as a supplemental treatment.

Flat Mites, Sixspotted Mites, Texas Citrus Mites: Apply ½ pt. per 100 gals. of water, or apply 5 pts. per acre in sufficient water to assure thorough coverage.

Citrus Red Mites, Purple Mites: Apply ½ pt. per 100 gals. of water, or apply 5 pts. per acre in sufficient water to assure thorough coverage for quick cleanup of this pest. For seasonal control, either repeated applications or use in combination with other miticides will be required.

Citrus Bud Mites, Pacific Spider Mites, Yuma Spider Mites: Apply ½-¾ pt. per 100 gals. of water, or apply 5-7½ pts. per acre in sufficient water to assure thorough coverage.

Required Clothing and Equipment for Application

One-piece overalls which have long sleeves and long pants constructed of finely woven fabric as specified in the USDA/EPA Guide for Commercial Applicators.

Wide-brimmed hat.

Heavy-duty fabric work gloves.

Any article which has been worn while applying chlorobenzilate must be cleaned before reusing. Clothing which has been drenched or has otherwise absorbed concentrated pesticide must be buried or burned.

Facepiece respirator of the type approved for pesticide spray applications by the National Institute for Occupational Safety and Health.

Instead of clothing and equipment specified above, the applicator can use an enclosed tractor cab which provides a filtered air supply (as described by Taschenberg and Bourke, 1975), and which allows no more than 0.41 mg/day total exposure to chlorobenzilate.

Aerial Applicators: Aerial application may be conducted without the specified clothing and equipment.

Handling Precautions

Heavy-duty rubber or neoprene gloves and apron must be worn during loading, unloading, and equipment cleanup.

Storage and Disposal

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

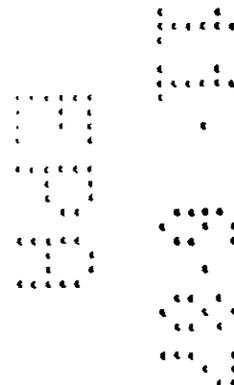
Flammable mixture: Do not store near heat or flame but store at temperatures above 32°F.

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). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, burn. If burned, stay out of smoke.



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Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

General Precautions

Take special care to avoid getting chlorobenzilate in eyes, on skin, or on clothing. Avoid breathing vapors or spray mist. If chlorobenzilate gets on clothing, remove contaminated clothing and wash affected parts of body with soap and water. If extent of contamination is unknown, bathe entire body thoroughly. Change to clean clothing. Wash hands with soap and water each time before eating, drinking, or smoking. At the end of each workday, bathe entire body with soap and plenty of water. Wear clean clothes each day and launder before reusing.

First Aid: If swallowed, call a physician immediately. Avoid alcohol. Do not induce vomiting.

Do not give anything by mouth to an unconscious person. Get medical attention. In case of contact with skin, wash as soon as possible with plenty of soap and water. If in eyes, flush with plenty of water. Get medical attention.

Environmental Hazards

This product is toxic to wildlife. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical or Chemical Hazards

Flammable Mixture: Keep away from heat or open flame. Store at temperatures above 32°F.

Acaraben® trademark of CIBA-GEIGY
for chlorobenzilate

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