

Code 141

**RESTRICTED USE PESTICIDE**

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 applicator's certification.

Net Contents

**ACCEPTED**

JUL 0 6 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 279-2102

# Aqua Ethion 8 Insecticide

EPA Reg. No. 279-2102

EPA Est., 279-

<b>Active Ingredients:</b>	<b>By Wt.</b>
Ethion [0,0,0',0'-Tetraethyl S, S'-methylene bisphosphorodithioate].....	81.0%
<b>Inert Ingredients:</b> .....	19.0%
	<b>100.0%</b>

Contains 8 pounds Ethion per gallon

**KEEP OUT OF REACH OF CHILDREN**



## PELIGRO

**PRECAUCION AL USUARIO:** Si usted no lee ing... no use este producto hasta que la etiqueta le haya sido explicado ampliamente.

### STATEMENT OF PRACTICAL TREATMENT

**If swallowed:** Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**If on skin:** Wash with plenty of soap and water. Get medical attention.

**If in eye:** Flush with plenty of water. Get medical attention if irritation persists.

**If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

#### Antidote

**Note to Physician:** Active ingredient is a cholinesterase inhibitor. Patient should be kept under observation for 48 hours. Atropine is antidotal. Give 4 mg. atropine sulfate intramuscularly or intravenously. Repeat every 15 minutes until patient is fully atropinized. Do not give morphine.

See Other Panels for Additional Precautionary Information.

For Emergency Assistance Call 716-735-3785.



FMC Corporation  
Agricultural Chemical Group  
Philadelphia PA 19103

814-96-A  
487

### PRECAUTIONARY STATEMENTS

#### Hazards To Humans (& Domestic Animals)

##### Danger

Fatal if swallowed. May be fatal if inhaled or absorbed through the skin. Do not breathe vapor or spray mist. Do not get in eyes, on skin or on clothing. Wear a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration and by the National Institute for Occupational Safety and Health. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish, wildlife and shrimp. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment, or disposal of wastes.

This product is toxic to bees and should not be applied when bees are actively visiting the area.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

### 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 such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas for 24 hours unless appropriate protective clothing is worn.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

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.

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. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. 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:

#### DANGER

Area treated with Aqua Ethion 8 on (insert date). Do not enter without appropriate protective clothing for 24 hours (insert State Department of Agriculture's re-entry interval, if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

## STORAGE AND DISPOSAL

### Pesticide Storage

Do not store below 20°F. (-7°C)

Do not use or store near heat, open flame or hot surfaces.

Keep out of reach of children and animals. Store in original container in a cool, dry place and avoid excess heat. After partial use, replace lid and close tightly. Do not use. Do not mix with other pesticides or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC collect. (716) 735-3765.

To confine spill, if liquid, date surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

### Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate 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 by other procedures approved by state and local authorities. Do not reuse or weld metal containers.

Apply when insects first appear and repeat as required to maintain effective control. Coverage of both upper and lower leaf surfaces is essential for good control. Where amount of water is not specified, use with sufficient water for thorough coverage. For aerial application to field crops and vegetables, mix the recommended amounts with sufficient water to provide a MINIMUM of 1 gallon of finished spray per acre. Observe use limitations. If insect control is required beyond the following use patterns, supplement the control program with other suitable pesticides. Observe days interval between last application and harvest indicated by number in parentheses ( ) following crop. Do not use in undiluted form.

**Apple (80):** Codling Moth— $\frac{1}{2}$  pint per 100 gals. Do not exceed 4 applications during fruiting period.

**Apple (40):** Codling Moth— $\frac{1}{2}$  pint per 100 gals. Do not exceed 2 applications during fruiting period. Clover Mite, European Red Mite, Twospotted Spider Mite— $\frac{1}{4}$  pint per 100 gals. Do not exceed 4 applications during fruiting period.

**Apple (20):** Clover Mite, European Red Mite, Twospotted Spider Mite— $\frac{1}{4}$  pint per 100 gals. Do not exceed 2 applications during fruiting period.

Do not use on Astrachen, Dewey, Duchess, Margaret Pratt, Melba, Williams Red (Red Williams), Yellow Transparent or on Crimson and N.J. #3 (Brite Mac), or any varieties maturing with or before Early McIntosh, as injury is likely to occur.

**Bermuda Grass (Lawns and Seed Crop):** Eriophyid Mites— $\frac{1}{2}$  table-spoon per gal. of water to cover 200 sq. ft. of lawn or use  $1\frac{1}{2}$  fl. ozs. per 6 gals. of water per 1200 sq. ft. Apply as needed to maintain effective control. Keep children and animals off treated areas until the spray has completely dried. Do not apply to Bermuda grass to be used for grazing or forage to be fed to livestock.

**Melon (0):** Melon Leafminer, Serpentine Leafminer, Twospotted Spider Mite— $\frac{1}{2}$  pt. per acre. Melon Leafhopper— $\frac{1}{4}$  to 1 pint per acre. Petriob Mite (California only)— $\frac{1}{2}$  pint per acre.

**Ornamentals, Greenhouse (Commercial Use):** Millipedes—SOIL TREATMENT: Use 5 fl. ozs. Aqua Ethion 8 in 75 gals. of water and apply to 2,500 sq. ft. of bench space. Wear mask or respirator passed for Ethion protection by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II when applying in greenhouse.

**Ornamentals, Out-of-Doors (Commercial Use):** Twospotted Spider Mite— $\frac{1}{4}$  pint per 100 gals. Slight needle drop has occurred on some varieties of Taxus following application of this material.

**Pear (30):** Clover Mite, European Red Mite, Twospotted Spider Mite— $\frac{1}{4}$  pint to  $\frac{1}{2}$  pint per 100 gals. Pear Psylla— $\frac{1}{2}$  to  $\frac{1}{4}$  pint per 100 gals. Do not exceed 3 applications after first cover spray.

**Summer Squash (3):** Serpentine Leafminer, Twospotted Spider Mite— $\frac{1}{2}$  pt. per acre.

**Turf (Commercial Use):** Chinch Bugs, Sod Webworm—Use  $\frac{1}{2}$  to  $\frac{1}{4}$  pt. per 1000 sq. ft. of lawn applied in 20 gals. of water or  $\frac{3}{4}$  to  $1\frac{1}{2}$  pts. in

100 gals. of water to treat 5000 sq. ft. To treat one acre, use 3% to 5 gals. applied in 500 gals. of water. It is important that the spray penetrate through the mat of turf to reach the insects. It helps to have the lawn well irrigated prior to treatment.

**CAUTION:** Keep children and animals off treated areas until this material has been thoroughly watered into soil and the grass has completely dried.

## Dealers Should Sell in Original Packages Only.

**Terms of Sale or Use:** On purchase of this product buyer and user agree to the following conditions:

**Warranty:** FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Directions and Recommendations:** Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

**Use of Product:** FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established sale practice.

**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.