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

DEC 21 1994

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OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Nancy J. Hilton
Product Development & Registrations Manager
FMC Corporation
1735 Market Street
Philadelphia, PA 19103

Dear Ms. Hilton:

Subject: Ethion 4 Miscible Insecticide/Miticide
EPA Registration No. 279-1254
Labeling Submitted January 28, 1994

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable, and a stamped copy is enclosed for your records.

It should be noted, however, that any future amendments to the registered use of ethion on citrus that substantially increase the content of summer spray oil in the finished spray may result in the need for additional field data reflecting aerial applications.

This labeling does not bear the required Worker Protection statements as outlined in PR Notices 93-7 and 93-1. We note that you have submitted labels in accordance with the instructions in those Notices. The new protective language in those submissions must be incorporated into this label for any shipments released after the deadlines that have been established. You may opt to do so immediately if you are electing the self-verification option, or after acceptance by the special Agency Worker Protection Standard review group. Finished printed labels must be submitted after acceptance by the WPS group and in accordance with their instructions.

Sincerely yours,

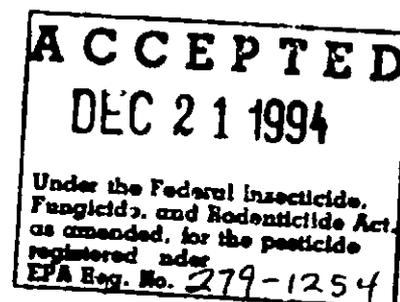
Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (7504C)

Ethion 4 Miscible Insecticide-Miticide

For Agricultural or Commercial Use Only

EPA Reg. No. 279-1254

EPA Est. 279-FL-1



Active Ingredients:	By Wt.
Ethion: (0,0,0',0'-Tetraethyl S,S'-methylene bisphosphorodithioate)	46.5%
Inert Ingredients:	53.5%
	100.0%

Contains Petroleum Distillates
Contains 4 pounds of the organophosphate Ethion per gallon.

KEEP OUT OF REACH OF CHILDREN WARNING

AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 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 inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

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

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 as soon as cyanosis is overcome. Repeat every 15 minutes until patient is fully atropinized. Pralidoxine (2-PAM) is also antidotal and should be administered in conjunction with Atropine. Never give morphine.

For Emergency Assistance Call (800) 331-3148

See Side Panel For Additional Precautionary Information.

FMC

FMC Corporation
Agricultural Chemical Group
Philadelphia PA 19103

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PRECAUTIONARY STATEMENTS

Hazards To Humans (and Domestic Animals)

Warning

May be fatal if swallowed, inhaled or absorbed through skin. Do not breathe vapor or spray mist. Do not get in eyes, on skin or on clothing. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Fish and aquatic invertebrates may be killed in areas where this pesticide is used. Do not contaminate water when disposing of equipment washwaters.

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

Do not allow this material to drift onto neighboring crops or noncrop areas or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

Physical/Chemical Hazards

Do not use 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 through any type of irrigation system.

Do not enter treated areas for 48 hours unless appropriate protective clothing is worn.

Do not rub eyes or mouth with hands. If you feel sick in any way STOP work and get help right away. See Practical Treatment Section of this label.

Do not apply this product in a way that will contact unprotected workers, either directly or through drift. Only protected handlers may be in the area during application.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR AND CLEANING OF MIXING, LOADING, AND APPLICATION EQUIPMENT, DISPOSAL OF THE PESTICIDE, AND EARLY REENTRY INTO TREATED AREAS: Protective suit of one or two pieces covering all parts of the body except head, hands, and feet; chemical resistant gloves; chemical resistant shoes (or chemical resistant shoe covers or chemical resistant boots); and a NIOSH or MSA approved respirator. In addition, mixer/loaders must wear a chemical resistant apron and face shield or goggles.

During equipment repair and cleaning, the respirator need not be worn. During early reentry after sprays have dried or dusts have settled and vapors have dispersed, the respirator need not be worn.

IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: long-sleeved shirt and longlegged pants, shoes and socks. Chemical resistant gloves must be available in the cab or cockpit and must be worn when exiting. This clothing is inadequate protection during equipment repair or cleaning, reentry, or pesticide disposal work.

IMPORTANT! If pesticide comes in contact with skin, immediately wash off with soap and water. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or when using toilet.

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AFTER WORK: Wash gloves with soap and water before removing them. Take off all work clothes and shoes. After removing clothing shower using soap and water, then put on clean clothes. Do not reuse contaminated clothing. Personal clothing worn during work must be laundered separately from household items. Store protective clothing separate from personal clothing. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirator. Protective clothing and equipment that becomes heavily contaminated or drenched must be destroyed according to state and local regulations. **HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.**

DURING AERIAL APPLICATION, HUMAN FLAGGERS MUST BE IN A TOTALLY ENCLOSED VEHICLE.

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. 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:

WARNING

Area treated with Ethion 4 Miscible on (insert date). Do not enter without appropriate protective clothing for 48 hours (insert State Department of Agriculture's reentry 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.

Do not enter or allow entry into treated areas until (sprays have dried/dusts have settled/vapors have dispersed, as applicable) to perform hand labor tasks. A person may enter the area to perform other tasks only if the person is wearing the personal protective clothing listed on the label.

After (sprays have dried/dusts have settled/vapors have dispersed, as applicable) do not enter or allow entry into the treated area until the reentry interval has expired, unless the person entering the treated area is wearing the personal protective equipment listed on the label for early reentry

Apply the listed amount per acre when insects first appear and repeat as required to maintain effective control. Use in sufficient water for thorough coverage, unless otherwise noted for listed crops. Coverage of upper and lower leaf surfaces is essential for good control. 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 () following the crop.

For use in Florida and Texas only. Grapefruit (0), Lemons (15), Limes (15), Oranges (0), Tangelos (15), Tangerines (15): To control Citrus Red Mite, Citrus Rust Mite, Sixspotted Mite, Texas Citrus Mite, Snow Scale, Citrus Whitefly, Citrus Blackfly—Use 5 to 6 pints of Ethion 4 Miscible (2.5 - 3.0 pounds active ingredient) per acre. To control Citrus Red Mite, Citrus Rust Mite, Sixspotted Mite, Texas Citrus Mite, Black Scale, Brown Soft Scale, California Red Scale, Chaff Scale, Florida Red Scale, Glover Scale, Purple Scale, Snow Scale, Yellow Scale, Citrus Whitefly, Citrus Blackfly—Use 5 to 6 pints of Ethion 4 Miscible (2.5 - 3.0 pounds active ingredient) per acre plus 0.5% to 0.7% summer oil. Where Snow Scale is a problem, spray trunk, limbs and twigs thoroughly. Apply in sufficient water for good coverage but not less than 250 gallons of water per acre by ground equipment or a minimum of 10 gallons of water per acre for aerial applications. Applications should not be made less than 90 days apart. Do not apply more than 9 pounds of active ingredient per acre per year. Do not use Ethion 4 Miscible plus oil on Navel oranges. Refer to oil label for use directions and precautions.

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 safe 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.

STORAGE AND DISPOSAL

Pesticide Storage

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

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate 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 (800-331-3148).

To confine spill. If liquid, dike 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 toxic. Improper disposal of excess pesticide, spray mixture, or residue 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 of 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 incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Returnable/Refillable Sealed Containers. Do not reuse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase.

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Do not use in undiluted form.

Do not use if material does not emulsify