

**ACCEPTED**  
 DEC 10 2001  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under  
 EPA Reg. No. 279-2280

**STOP! READ THE LABEL**

**POISON**  
See side panels  
for antidote  
and precautions



**DANGER**  
Keep out of reach  
of children

**CAN KILL YOU**

**AVISO!**

AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.  
(TO THE USER: if you cannot read English, do not use this product until the label has been fully explained to you.)

# ETHION TECHNICAL INSECTICIDE

**FOR FORMULATION OF INSECTICIDES ONLY**

**EPA Reg. No.: 279-2280**

ACTIVE INGREDIENTS: Ethion (O,O,O',O'-tetraethyl S, S'-methylene bisphosphorodithioate) .....	88.0%
INERT INGREDIENTS:.....	12.0%
<b>TOTAL 100.0%</b>	

**NET CONTENT: 53 US GALLONS 6 PINTS**  
(Net Weight: 250 kilograms or 550 pounds)

For Emergency Medical Information, call 1-800-331-3148

DISTRIBUTED BY:



FMC Corporation  
Agricultural Products Group  
Philadelphia PA 19103

**PRODUCT OF DENMARK**

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



**DO NOT SWALLOW**

**FATAL (POISONOUS) IF SWALLOWED**

This product can kill you if swallowed even in small amounts

**MAY BE FATAL BY SKIN CONTACT**

This product may be fatal if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes)

**MAY BE FATAL IF BREATHED**

This product may be fatal if vapors or mist are inhaled



**DO NOT TOUCH**

**PROTECTIVE CLOTHING**

This product may be fatal if swallowed, inhaled, or if allowed to contact skin. Failure to properly follow all instructions for protective clothing and equipment will increase your risk.

Use only when wearing the following protective clothing and equipment:

- (1) Waterproof pants, coat, hat, rubber boots or rubber overshoes
- (2) Safety goggles
- (3) NIOSH approved respirator
- (4) Heavy duty, natural rubber gloves



**DO NOT BREATHE**

**WORK SAFETY RULES**

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR

Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point, no further exposure should be allowed until it has been determined by means of blood tests that the cholinesterase level has returned to normal. Before using this product, consult the State Agricultural Extension Service or Experimental Station for specific recommendations regarding such blood tests.

Keep all unprotected persons and children away from working area

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. Call a doctor (physician), clinic or hospital - immediately. Explain that the victim has been exposed to Ethion and describe his condition. After first aid is given (see Statement of Practical Treatment) and if a doctor cannot come, take victim to clinic or hospital.

If handled indoors, provide mechanical exhaust ventilation

**IMPORTANT!** Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking

**AFTER WORK**, take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

(continued on other side)

**POISON SIGNS (Symptoms)**

Ethion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headaches, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervous-ness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

**† STATEMENT OF PRACTICAL TREATMENT †**

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been ex-posed to Ethion and describe his condition.

Move patient immediately from the area where Ethion is present:

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim.

If swallowed and victim is awake (conscious) make him vomit quickly. Have victim drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit is clear. Do not induce vomiting or give anything by mouth to an unconscious person. Have victim lie down and keep quiet. Get medical attention.

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Wash skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical attention.

**NOTE TO PHYSICIAN**

Antidote: Administer atropine sulfate in large doses. TWO to FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minutes until signs of atropinization appear. 2-PAM chloride is a pharmacologic antidote and may be administered as an adjunct to, but not a substitute for, atropine. Atropine is a symptomatic and often lifesaving antidote. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Ethion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

**ENVIRONMENTAL HAZARDS**

This chemical is toxic to wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your state Water Board or Regional Office of the EPA.

**STORAGE AND DISPOSAL**

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

Storage: Store in a secure, cool, dry place and keep container tightly closed. Ethion is stable for a long period when stored under temperatures not exceeding 25°C (77°F). It should never be heated above 55°C (131°F) and also local heating above this temperature should be avoided.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or mixate 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.

**DIRECTIONS FOR USE**

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

The sale and distribution of this product is prohibited after October 1, 2003. The use of this product is prohibited after December 31, 2003.

Only for formulation into an insecticide/acaricide for the following uses: air blast treatment on citrus, spot treatment for snow scale control, and as a cattle ear tag.

**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 the 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. trademark of FMC Corporation.

**PROPER SHIPPING NAME:**  
UN 3017, ORGANOPHOSPHORUS  
PESTICIDE, LIQUID, TOXIC,  
FLAMMABLE (Ethion),  
CLASS 6.1, P.G. II, MARINE  
POLLUTANT, RQ.