

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.

APPROVED
STATEMENTS
Date: _____

MAY 31 1984

ZECTRAN® 2E
Mexacarbate Insecticide

Registered under FIFRA Reg. No.
264-384

Active Ingredient:

Mexacarbate [4-(dimethylamino)-3,5-xylol methylcarbamate]	22.7%
Aromatic petroleum derivative solvent	30.7%
INERT INGREDIENTS	46.6%
TOTAL	100%

(Contains 2 pounds mexacarbate per gallon)

EPA Registration Number: 264-384 EPA Est. No. _____

KEEP OUT OF REACH OF CHILDREN

DANGER

POISON

CAUSES IRREVERSIBLE EYE DAMAGE. HARMFUL OR FATAL IF SWALLOWED.
ANTIDOTE IS ATROPINE SULFATE. IF SWALLOWED: Call a physician or
Poison Control Center. Drink promptly a large quantity of milk, egg
whites, gelatin solution, or if these are not available, drink large
quantities of water. Avoid alcohol. If person is unconscious, do not
induce vomiting or give anything by mouth. IF IN EYES: Flush with
plenty of water. Get medical attention. IF ON SKIN: Wash with
plenty of soap and water. Get medical attention. SEE OTHER
PRECAUTIONARY STATEMENTS ON LEFT PANEL. READ THE ENTIRE LABEL BEFORE
USING THIS PESTICIDE.

IN CASE OF EMERGENCY, TELEPHONE COLLECT
(24 HOURS A DAY) (304) 744-3427

UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC
P.O. Box 12014, T. W. Alexander Drive
Research Triangle Park, North Carolina 27709

ZECTRAN® is the registered trademark of Union Carbide Corporation for
mexacarbate insecticide

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Made in U.S.A.
APC-

26-2-71

Directions for Use

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

ZECTRAN 2E insecticide is recommended for use out-of-doors and in greenhouses to treat ornamental plants, turf, and ground covers found to be infested with pests listed on this label. Mix ZECTRAN 2E thoroughly with water and apply as a spray to pest-infested ornamental plants and turf as specified in the RECOMMENDATIONS FOR USE table. Make the application using hand or power spray equipment or hose-attached applicator that will provide thorough and uniform coverage of plants, turf and pests. Re-treat as necessary. NOTE: 2, 3, and 4 teaspoonfuls per 1 gallon are equivalent to 1, 1-1/2, and 2 quarts per 100 gallons respectively.

READ AND CAREFULLY OBSERVE ALL PRECAUTIONARY INFORMATION AND STATEMENTS OF HAZARD GIVEN ON THIS LABEL

General Storage and Disposal

IN CASE OF TRANSPORTATION OR WAREHOUSE EMERGENCY INVOLVING A SPILL, FIRE, OR EXPOSURE, CALL COLLECT (304) 744-3487 TWENTY-FOUR HOURS A DAY IN THE U.S.A.

STORAGE

Store unused ZECTRAN 2E Moxacarbate Insecticide in original container only, in well-ventilated, clean, dry area out of reach of children and animals. Do not store in areas where temperature frequently exceeds 115°F (46°C). Do not store in or around the home or home garden.

If the container is damaged or leaking, handle with rubber gloves. Do not get on skin or in eyes. Soak up spills with absorbent media. For small spills, collect the waste and bury at least 18 inches deep in soil isolated from water supplies and food crops. For larger spills place the material in a suitable drum and dispose of at an approved waste disposal facility.

PESTICIDE DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are acutely hazardous. 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. 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.

Limited Warranty and Disclaimer

1. The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions, and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
2. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS
3. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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PRECAUTIONARY STATEMENTS

DANGER HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes irreversible eye damage. Harmful or fatal if swallowed. Harmful if absorbed through the skin. Do not get in eyes or on clothing.

Wear long-sleeved clothing and goggles or safety glasses while using. Wash exposed skin thoroughly with soap and water after handling and before eating or smoking. Change clothing daily. Wash contaminated clothing with a strong detergent solution before reuse.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Salivation, Watery eyes, Pinpoint eye pupils, Blurred vision, Muscle tremors, Difficult breathing, Excessive sweating, Abdominal cramps, Nausea, Vomiting, Diarrhea, Weakness, Headache. In severe cases, convulsions, unconsciousness and respiratory failure may occur.

ANTIDOTE STATEMENT

ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. See NOTE TO PHYSICIAN below.

STATEMENT OF PRACTICAL TREATMENT

GENERAL

Contact a physician immediately in all cases of suspected poisoning. If breathing stops, start artificial respiration, establish an airway and provide oxygen. Make certain to remove all sources of continuing contamination. Remove clothing and wash skin and hair immediately with large amounts of water. Transport the patient to a physician or hospital immediately and SHOW A COPY OF THIS LABEL TO THE PHYSICIAN.

IF SWALLOWED Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, or gelatin solution. If these are not available, drink large quantities of water. Avoid alcohol. If person is unconscious, do not induce vomiting or give anything by mouth.

IF IN EYES Flush with plenty of water. Get medical attention.

IF ON SKIN Wash with plenty of soap and water. Get medical attention.

NOTE TO PHYSICIAN

ZECTRAN® mixacarbate is a methylcarbamate insecticide, which is a cholinesterase inhibitor. Overexposure to this substance may cause toxic signs and symptoms due to stimulation of the cholinergic nervous system. These effects of overexposure are spontaneously and rapidly reversible.

Specific treatment consists of parenteral atropine sulfate. Caution should be maintained to prevent overatropinization. Mild cases may be given 1 to 2 mg intramuscularly every 10 minutes until full atropinization has been achieved and repeated thereafter whenever symptoms reappear. Severe cases should be given 2 to 4 mg intravenously every 10 minutes until fully atropinized, then intramuscularly every 30 to 60 minutes to maintain the effect for at least 12 hours. Dosages for children should be appropriately reduced. Complete recovery from overexposure is to be expected within 24 hours.

Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended unless organophosphate intoxication is also suggested.

Probable mucosal damage may contraindicate the use of gastric lavage. To aid in confirmation of a diagnosis, urine samples should be obtained within 24 hours of exposure and immediately frozen. Analyses will be arranged by Union Carbide Agricultural Products Company, Inc..

Consultation on therapy can be obtained at all hours by calling the Union Carbide emergency number : (304) 744-3487.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Use only as directed. Avoid direct applications to lakes, streams, and ponds. Do not apply when weather conditions favor drift from area treated. Do not contaminate water, food, or feed by cleaning equipment or disposal of wastes.

BEE CAUTION: This product is highly toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

