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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

ACCEPTED

NOV 29 1982

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, the pesticide registered under EPA Reg. No. 201-274

BIDRIN® 8

**WATER MISCIBLE
INSECTICIDE**

EPA Reg. No. 201-274
EPA Est. No. 5905-AR-1

BY WEIGHT

ACTIVE INGREDIENT		
Dimethylphosphate of 3-hydroxy-N, N-dimethyl- <u>cis</u> -crotonamide		82%
INERT INGREDIENTS		18%
	TOTAL	100%

CONTAINS 2 LB. ACTIVE INGREDIENT PER QT.

NET CONTENTS:
1 QT. (32 FL. OZ.)

KEEP OUT OF REACH OF CHILDREN

DANGER! POISON } Skull/
} Crossbones

Red Print →

See other precautions on side panel.

STATEMENT OF PRACTICAL TREATMENT

ATROPINE IS THE EMERGENCY ANTIDOTE FOR BIDRIN INSECTICIDE POISONING. 2-PAM is also antidotal and may be used in conjunction with atropine. CALL A PHYSICIAN IN ALL CASES OF SUSPECTED POISONING.

IF SWALLOWED, induce vomiting immediately by giving two glasses of water and sticking a finger down throat. Call a physician. NEVER INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR DROWSY PERSON.

IF ON SKIN, immediately remove patient from the vicinity of the insecticide, remove all contaminated clothing, and wash skin with soap and running water.

IF IN EYES, wash immediately with running water for fifteen minutes.

2/6

2
(Front Panel)

IF WARNING SYMPTOMS APPEAR (See "Warning Symptoms," left panel) keep patient prone and quiet. Start artificial respiration immediately if patient is not breathing. Transport the patient immediately to the nearest hospital.

SHELL CHEMICAL COMPANY, A Division of Shell Oil Company, AGRICULTURAL CHEMICALS, HOUSTON, TX 77001

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! Poisonous if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin. Inhalation or skin contact may, without symptoms, progressively increase susceptibility to BIDRIN Insecticide poisoning. Do not swallow or get in eyes, on skin, or on clothing. Do not breathe vapors. Keep out of reach of children. Do not contaminate food or feed products.

PRECAUTIONS IN USING

Wear clean natural rubber gloves, clean protective clothing, and goggles. Replace gloves frequently and destroy used gloves. During commercial or prolonged exposure in spray mixing and loading operations, wear a pesticide respirator approved by the National Institute for Occupational Safety and Health. Workers entering field within 48 hours of treatment must be protected with clean protective clothing. Wash thoroughly with soap and water after handling and before eating or smoking. If the material gets into the eyes, immediately flush with water for 15 minutes and get medical attention. In case of contact, remove all contaminated clothing and wash skin with soap and water. Wash clothing before reuse.

In case of spillage, cover spill area with sufficient amount of absorbent material (sand, sawdust, soil, etc.) to collect all of liquid. Next, decontaminate areas and equipment by washing with a dilute solution of alkali (less than 5% in water) and detergent. Absorb waste solution. Dispose of collected waste materials according to Federal, State, or local procedures under the Resource Conservation and Recovery Act.

NOTE TO PHYSICIAN

Warning Symptoms: Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

Treatment: Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10-minute intervals, in doses of 1 to 2 milligrams, until complete atropinization has occurred.

Pralidoxime chloride (2-PAM chloride) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion in 250 cc of saline over a 15- to 30-minute period. If

this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5 percent solution in water over not less than two minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children, the dose of 2-PAM is 0.25 grams.

Morphine is an improper treatment.

Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been attained as determined by blood test.

For 24-hour emergency medical assistance, call (713) 473-9461.

ENVIRONMENTAL HAZARDS

WILDLIFE PRECAUTIONS

This pesticide is extremely toxic to fish, birds, and other wildlife. DO NOT SPRAY BORDER AREAS. Keep border areas within 25 feet of field free of bird feed and shelter. Birds feeding on treated area may be killed. Do NOT use whenever large flocks of birds are in the vicinity or when they are noted feeding in or around fields. Avoid spray drift. To minimize spray drift, do NOT spray when windy. Do not apply directly to lakes, streams, ponds, or wetlands. 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 highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARDS

Keep away from heat and open flame.

In case of a significant spill, call (713) 473-9461 or CHEMTREC (800) 424-9300.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE DISPOSAL: Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State, or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and dispose of in a sanitary landfill or by other approved state and local procedures.

GENERAL DIRECTIONS

BIDRIN 8 Insecticide is a water-miscible product which contains 2 pounds of active ingredient per quart. For foliage applications, mix the required amount of BIDRIN in sufficient water to provide uniform coverage.

USE AND DIRECTIONS FOR APPLICATION

Crop	Insect	Dosage, Fluid Ounces per Acre	Directions for Application
COTTON	Aphids, Thrips, Spider mites, Cotton fleahopper	For Early Season Control 1.6-3.2	Apply to give uniform coverage. Repeat as necessary, but do not apply more than three times per season. Do not apply within 30 days of harvest. Do not graze livestock on treated fields or feed treated gin trash.
	Grasshoppers, Boll weevil	4.0	
	Aphids, Stinkbugs, Cotton fleahopper, Spider mites, Grasshoppers, Boll Weevil, Black flea- hopper, Plant bugs (Lygus), Salt marsh caterpillars, Leaf perforators	For Mid or Late Season Control 4.0-8.0	

6/6

6
(Side Panel)

NOTICE OF WARRANTY

SHELL CHEMICAL COMPANY MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

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