

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.



Bidrin® 8

Water Miscible Insecticide

ORGANIC PHOSPHATE COMPOUND MIXTURE, LIQUID,
POISON B, NA-2783

CONTAINS 2 LB. ACTIVE INGREDIENT PER QT.

ACTIVE INGREDIENT	BY WEIGHT
Dimethyl phosphate of 3-hydroxy N.	
N-dimethyl-cis-crotonamide	82%
INERT INGREDIENTS	18%
TOTAL	100%

ACCEPTED

EPA Reg. No. 201-274

AUG 5 1986

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



KEEP OUT OF REACH OF CHILDREN

DANGER POISON

See other precautions.

U.S. Patent Number 2,802,855

PELIGRO

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

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 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.

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

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.

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. This product has a strong skin sensitizing potential. 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. Wash thoroughly with soap and water after handling and before eating or smoking. 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 pesticide disposal instructions.

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.

WILDLIFE PROTECTION IS EVERYONE'S RESPONSIBILITY

PHYSICAL OR CHEMICAL HAZARDS

Keep away from heat and open flame.

DIRECTIONS FOR USE

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

FOR END-USE ONLY. DO NOT REPACKAGE OR REFORMULATE WITHOUT MANUFACTURER'S WRITTEN APPROVAL.

REENTRY STATEMENTS

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 forty-eight (48) hours unless appropriate protective clothing is worn.

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. *(Indicate specific oral warnings which 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.)*

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 BIDRIN[®] Insecticide on *(date of application)*. Do not enter without appropriate protective clothing until sprays have dried. *(Insert here actions to take in case of accidental exposure. See STATEMENT OF PRACTICAL TREATMENT for details.)*"

STORAGE AND DISPOSAL

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

STORAGE: Do not store in or around the home. Store in a secure, dry and temperate area. Store in original container. Keep away from heat and open flame. If spilled, avoid exposure. If significant spill, do not attempt to clean up; call CHEMTREC (800) 424-9300 or (713) 473-9461. Spill can be contained by covering with a sufficient amount of absorbent (sand, soil, sawdust, etc.) to collect all liquid. Contaminated waste must be disposed of according to pesticide disposal below. **CAUTION:** Wear a pesticide respirator and protective clothing.

PESTICIDE DISPOSAL: 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 (or equivalent). Then 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. If container is emptied, triple rinse adding rinsate to the spray tank.

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.

USE AND DIRECTIONS FOR APPLICATION ON COTTON

Insect	Dosage, Fluid Ounces per Acre	Directions for Application
Appids, 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	
Appids, Stinkbugs, Cotton Fleahopper, Spider Mites, Grasshoppers, Boll Weevil, Black Fleahopper, Plant Bugs (Lygus), Saltmarsh Caterpillars, Leaf Perforators	For Mid or Late Season Control: 4.0-8.0	