

201-274

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SHELL CHEMICAL COMPANY
A Division of Shell Company
Agricultural Division

San Ramon, California



ACCEPTED

JAN 3 - 1972
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
AND UNDER THE POISON REGISTERED
SUBSTANCE NO. 201-274 SUBJECT
TO APPLICABLE REGULATIONS.

BIDRIN® 8 WATER MISCIBLE INSECTICIDE
Contains 8 lb. Active Ingredient Per Gallon
(ORGANIC PHOSPHATE COMPOUND, LIQUID, E.O.S.)

ACTIVE INGREDIENTS

% BY WEIGHT

Dimethyl phosphate of 3-hydroxy N, N-dimethyl-
cis-crotonamide

82

INERT INGREDIENTS

Total

18

100

USDA Reg. No. 201-274

Net Contents _____

DANGER

KEEP OUT OF REACH OF CHILDREN
AND DOMESTIC ANIMALS



SEE ANTIDOTE AND OTHER
PRECAUTIONS ON SIDE PANEL

POISON

Read the Directions Carefully and Follow Them at all Times

GENERAL DIRECTIONS

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

USE AND DIRECTIONS FOR APPLICATION

CROPS	INSECT	DOSAGE, FLUID OUNCES PER ACRE	DIRECTIONS FOR APPLICATION
SEED CROPS Soybeans	Grasshoppers, Stinkbugs, Treehoppers, Leafhoppers, Colorado Potato Beetles, Potato Flea beetle Mexican Bean Beetle	4.0	Apply to give uniform coverage. Repeat as necessary. Do not apply within 30 days of harvest. Do not graze livestock on treated fields, or feed treated trash or seed. Do not apply during peak bee activity. Do not use BIDRIN in this crop unless grown for seed.

BIDRIN[®] INSECTICIDE

CROPS	INSECT	DOSAGE, FLUID OUNCES PER ACRE	DIRECTIONS FOR APPLICATION
	Aphids	8.0	: : : : : : : : : : : : : : :
	Lygus Bugs	8.0-16.0	
FIELD CROPS Cotton	Aphids, Thrips Spider mites Cotton Fleahopper	For Early Season Control 1.6-3.2	Apply to give uniform cover- age. Repeat as necessary. 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, Stink Bugs Cotton Fleahopper Spider mites Grasshoppers Boll Weevil Black fleahopper Lygus Bugs Salt Marsh Cater- pillars Leaf Perforators	For Mid or Late Season Control 4.0-8.0	

PRECAUTIONS IN USING

DANGER! KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS.

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. RAPIDLY ABSORBED THROUGH SKIN. REPEATED INHALATION OR SKIN CONTACT MAY, WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO BIDRIN POISONING.

Do not swallow or get in eyes, on skin, or on clothing. Do not breathe vapors.

Do not contaminate food or feed products. Keep away from heat and open flame.

This product is toxic to wildlife. Keep out of lakes, ponds and streams. Do not apply in any manner not specified on the label. Birds and other wildlife in treated areas may be killed.

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 mask or respirator of a type adequate against BIDRIN vapors and gases. Workers entering field within sixteen hours of treatment should be protected. 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 at least ten minutes and get medical attention. In case of contact, remove all contaminated clothing and wash skin with soap and water; wash clothing before re-use. In case of spillage, wash down with large amounts of water. Decontaminate areas and equipment by washing with concentrated solution of alkali and detergent and rinse with water.

NOTE: "DANGER" Avoid skin and eye contamination when handling strong caustic solutions.

DECONTAMINATE AND DESTROY USED CONTAINERS: Do not re-use for any purpose. Decontaminate containers by rinsing thoroughly with water and alkaline detergent. Destroy containers by breaking and burying fragments in isolated area. Dispose of rinsings in a way as not to constitute a hazard, or contaminate water supplies.

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BIDRIN[®] INSECTICIDE

ANTIDOTE AND FIRST AID TREATMENT

ATROPINE IS THE EMERGENCY ANTIDOTE FOR BIDRIN POISONING.

INTERNAL: If the material has been swallowed, induce vomiting immediately. This may be done by introducing a finger into the throat or by giving warm salt water (1 tablespoon of salt to a glass of water). NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

EXTERNAL: If the material has been spilled on the skin, immediately remove patient from the vicinity of the BIDRIN, remove all contaminated clothing, and wash skin with soap and running water. If the material gets into the eyes, wash immediately with running water for at least ten minutes. IF WARNING SYMPTOMS APPEAR: See WARNING SYMPTOMS below.

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 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.

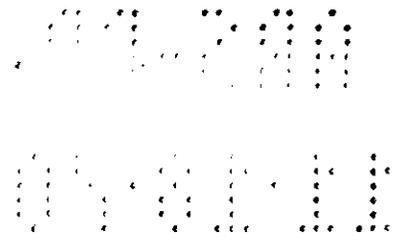
Pralidoxime chloride (2-PAM chloride) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferable as an infusion in 250 cc of saline over a 15 to 30 minute period. If this is not practical, 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.

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