

DANGER!

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. RAPIDLY ABSORBED THROUGH SKIN. Wear a mask or respirator of a type adequate against Bidrin vapors and gases. Repeated inhalation or skin contact may, without symptoms, progressively increase susceptibility to BIDRIN poisoning. Do not swallow or get in eyes, in skin, or on clothing. Do not breathe vapors.

Keep out of reach of children and domestic animals. Keep children away from working areas.

Do not allow untrained personnel to handle containers before or after use. Collect empty containers immediately following injection of BIDRIN into the tree. Do not contaminate food or feed products. Destroy empty containers by incineration or burying on the day of use.

Wear clean natural rubber gloves, clean protective clothing, and safety face shield. Replace gloves frequently and destroy used gloves. 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: Caution! Avoid skin and eye contamination when handling strong caustic solutions.

ANTIDOTE AND FIRST AID TREATMENT

ATROPINE IS THE EMERGENCY ANTIDOTE FOR BIDRIN POISONING. Consult your physician about obtaining an adequate supply of 1/100-grain atropine tablets for emergency use. **CALL A PHYSICIAN IN ALL CASES OF SUSPECTED 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:** Administer two 1/100-grain atropine tablets immediately. **NEVER ADMINISTER ATROPINE UNLESS 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 physician.

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 para-sympathetic nervous stimulation. If there are signs of para-sympathetic stimulation, atropine sulfate should be injected at 10-minute intervals, in doses of 1 to 2 milligrams, until complete atropinization has occurred. Morphine is contraindicated. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeat exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by blood test.

For control of leaf feeding insects on elm and other trees implant BIDRIN Insecticide in accordance with the following directions:

CROP OR USE	INSECT	DOSEAGE, ml BIDRIN AT 5-6" SPACING	DIRECTIONS FOR APPLICATION
Elms	Elm Leaf Beetle and Aphids	Trees less than 20' tall — 1 ml Trees 20-40' tall — 2 ml Trees over 40' tall — 3 ml	Inject when first generation larvae or aphids begin leaf feeding.
	European Elm Scale	Trees less than 40' tall — 2 ml Trees 40-50' tall — 3 ml	Inject when crawlers appear.
Maples, Ash, Linden	Aphids	Trees less than 20' tall — 1 ml Trees 20-40' tall — 2 ml Trees over 40' tall — 3 ml	Inject when Aphids appear.
Hackberry	Nipple Gall Psyllid Hackberry Psyllid	Trees less than 40' tall — 1 ml Trees 40-60' tall — 2 ml Trees over 60' tall — 3 ml	Inject when psyllid eggs have hatched and leaves have expanded.
Sycamore (Plane Tree)	Sycamore Scale	Trees less than 20' tall — 1 ml Trees 20-40' tall — 2 ml Trees over 40' tall — 3 ml	Inject when crawlers appear.
Oaks	Pit-Making Scale Obscure Scale Myzocallis Aphid	Trees less than 20' tall — 1 ml Trees 20-40' tall — 2 ml Trees over 40' tall — 3 ml	Inject when crawlers appear. Inject when Aphids appear.
Pine	Red Spider Mite European Pine Sawfly Southern Pine Beetle Spp. Pine Spittlebug	Trees less than 20' tall — 1 ml Trees 20-40' tall — 2 ml Trees over 40' tall — 3 ml	Inject when insects and mites first appear.

NOTE: (a) If trees have been topped or heavily pruned, reduce dosage 1 ml per injection site.

(b) If more than 50% of root system is obstructed or damaged, reduce dosage 1 ml per injection site.

(c) After correction for topping, pruning, and physical root obstructions, trees with determinations of less than 1 ml per injection site are not to be treated. All training instructors must be approved by Shell Chemical Company. All governmental and private applicator organizations must be approved by Shell Chemical Company.

TECHNICAL Bidrin INSECTICIDE

(ORGANIC PHOSPHATE COMPOUND, LIQUID, N.O.S.)

ACTIVE INGREDIENT Dimethyl phosphate of 3-hydroxy N, Ndimethyl-cis-crotonamide 86%
INERT INGREDIENTS 14%
TOTAL 100%

USDA REG No. 201-151

DANGER!



POISON

Keep out of reach of children

GENERAL DIRECTIONS

BIDRIN[®] Insecticide is a systemic insecticide for the control of smaller European elm bark beetles, attacking elm trees. BIDRIN does not have fungicidal action against the fungi of Dutch elm disease but controls the vector of the disease. It is for use by or under the supervision of personnel specifically trained in the use of BIDRIN Insecticide as an implant in elm trees as specified in Shell Chemical Company's Instruction Manual ACD 64-100 "Implantation of Bidrin Insecticide Into Elm Trees."



SHELL CHEMICAL COMPANY

A DIVISION OF SHELL OIL COMPANY, NEW YORK, N.Y. 10020

Agricultural Chemicals Division

NET CONTENTS: _____



WARNING
KEEP AWAY from FEED or FOOD PRODUCTS

POISON
CAUTION—DO NOT DROP

IF LEAKING DON'T BREATHE FUMES TOUCH CONTENTS SWALLOW

This is to certify that the contents of this package are properly described by name and are packed and marked and are in proper condition for transportation according to the Regulations prescribed by the Interstate Commerce Commission.

SHELL CHEMICAL COMPANY
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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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