

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.  
34874-21

DATE OF ISSUANCE  
AUG 16 1988

NOTICE OF PESTICIDE: ☒ REGISTRATION  
☐ REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

TERM OF ISSUANCE  
Until Reregistration  
NAME OF PESTICIDE PRODUCT  
25% DIAZINON Insecticide

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Bishop Chemical  
Route 12, Box 303  
Tyler, TX 75708

12/1/209673  
18/1

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase "EPA Registration No. 34874-21."
  - b. Also, place the EPA Establishment Number near the EPA Registration Number on the front panel.
  - c. State the Net Contents of the container on the front panel.
  - d. Please put the statement "Manufactured by Bishop Chemical . . . (etc.)," which was on previous submitted labels, back on the front panel.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosures

LAWN & GARDEN INSECT CONTROL

This product must not be used on golf courses and sod farms

KILLS:

ANTS	CHINCH BUGS	SOD WEBWORMS
ARMYWORMS	CRICKETS	WHITE GRUBS OF:
BERMUDAGRASS MITES	CUTWORMS	*JAPANESE BEETLE
BILLBUGS	EARWIGS	*EUROPEAN CHAFER
BROWN DOG TICKS	FIRE ANTS	*SOUTHERN CHAFER
CHIGGERS	FLEAS	WIREWORMS
	ONION MAGGOTS	and others as listed under the
	ROOT MAGGOTS	Directions for Use.

SEE DIRECTIONS FOR USE

Kills certain outdoor insects which destroy lawns, roses, flowers, trees and shrubs or annoy pets or people. Contains DIAZINON insecticide which provides control of many "hard to kill" sucking and chewing insects.

ACTIVE INGREDIENTS:

Diazinon: 0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate.....25.0%

\*INERT INGREDIENTS:.....75.0%

TOTAL 100.0%

\* Contains aromatic petroleum derivative solvent.

KEEP OUT OF REACH OF CHILDREN

WARNING

Statement of Practical Treatment

If Swallowed: Call a physician immediately. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled: Remove victim to fresh air. Apply respiration if indicated.

If on Skin: Wash immediately with soap and water. Rinse thoroughly.

If in Eyes: Rinse eyes with plenty of water and call a physician immediately.....

NOTE TO PHYSICIAN: Solvent may present aspiration hazard. Gastric lavage may be indicated if product was taken internally. Diazinon is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

SEE SIDE PANEL FOR ADDITIONAL WARNINGS

ACCEPTED  
 with COMMENTS  
 in EPA Letter Dated:

AUG 16 1983

-1-

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

34874-21

4 4 9

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## WARNING

Do not use in home - Keep out of reach of children. May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Avoid contact with skin, eyes, and clothing, wash thoroughly after handling. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not permit children or pets to go onto the sprayed grass until the spray has completely dried. Keep out of reach of children and domestic animals.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting to crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

### PHYSICAL OR CHEMICAL HAZARDS

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME

### DIRECTIONS FOR USE

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

## STORAGE & DISPOSAL

**STORAGE:** Store in original container in safe, dry place. Do not contaminate other pesticides, fertilizers, seeds, food or feed.

**PRODUCT DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. Soak up spilled product in absorbent material before disposal.

**CONTAINER DISPOSAL:** Do not reuse empty container. Wrap container and put in trash.

## HOW TO MIX AND APPLY

**Number One:**

Determine size of spraying job. For lawns and vegetables, measure the area to be sprayed. For all other applications, apply as a thorough cover spray. Make applications when insects first appear, or in advance of an expected infestation. Repeat applications as needed or as noted in the rate chart.

**Number Two:**

Use clean sprayer. Carefully measure and mix the amount of Diazinon and water as suggested in the chart.

**Number Three:**

Spray as directed in the rate chart. Use coarse drenching sprays for lawns, soil and other surface applications. Use medium fine mist sprays for trees and plants. Thorough coverage is important. Flush sprayer with clean water after each use.

## DIRECTIONS FOR APPLYING

## FIRE ANTS

To aid in the control of fire ants in lawns and other recreation areas, apply 1 fl. oz. (2 tbsp.) in a minimum of 1 gal. of water as a drench. Apply over and 6 inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the diluted products as a gentle rain at the rate of 1 gal. per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness.

Note: For best results, apply in cool weather, 65° - 80° F, or in early morning or late evening hours. Treat new mounds as they appear.

Problem Area	Pests - Rate and Area Covered
LAWNS	
Bent, Bermuda, Bluegrass, Dichondra, Fescue, Merion, St. Augustine	<p>Ants, Armyworms, Bermudagrass Thrips, Brown Dog Ticks, Chiggers, Crickets, Cutworms, Earwigs, Fleas, Fruit Flies, Lawn Billbugs, Chinch Bugs, Lawn Moths (Sod Webworms), Leafhoppers, Mites (Bermuda, Clover), Sowbugs (Pillbugs), Springtails (Collembola).</p> <p>1 fl. oz. in 3 gals. of water covers 125 sq. ft.</p> <p>8 fl. oz. in 24 gals. of water covers 1,000 sq. ft.</p> <p>Thoroughly wet down grass a few hours before applying.</p> <p><u>Brown Dog Ticks</u> - Do not apply to animals in particular, spray under snrubbery and the grass next to house.</p> <p><u>Lawn Billbugs</u> - Water the lawn thoroughly immediately after treatment.</p> <p>In the North, if chinch bugs are the only lawn insect problem, a lower rate of application can be used.</p> <p>½ fl. oz. in 3 gals. of water covers 125 sq. ft.</p>
	<p><u>Millepedes</u> - 2 fl. oz. in 3 gals. of water covers 125 sq. ft.</p> <p>Thoroughly wet grass a few hours before applying.</p>
	<p><u>Rhodegrass Scales</u></p> <p>1 fl. oz. in 3 gals. of water covers 100 sq. ft.</p> <p>Apply when scale crawlers first emerge.</p>
	<p><u>Ants, Digger Wasps</u></p> <p>1 fl. oz. in 3 gals. of water covers 125 sq. ft.</p> <p>Spot spray ant hills and wasp ground nest openings.</p> <p>Make the application when the wasps are not active.</p>
	<p><u>Billbugs, White Grubs of Japanese Beetle, European Chafer, Southern Chafer</u></p> <p>1 fl. oz. in 3 gals. of water covers 125 sq. ft.</p> <p>Water grass thoroughly after application.</p> <p><u>Billbug control</u> - Apply when activity is first observed or when chewed or brown grass is present, indicating damage from the insect.</p> <p><u>Grub control</u> - Make application any time between late July and early October.</p>
	<p><u>Hyperodes Weevil (New York only)</u></p> <p>¾ fl. oz. in 3 gals. of water covers 125 sq. ft.</p> <p>Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.</p>

## TREES &amp; SHRUBS

Wet leaves and branches to the dripping point. Try to penetrate dense foliage.

Arborvitae,  
Azalea, Birch,  
Boxwood,  
Camellia,  
Douglas Fir, Elm,  
Hawthorn, Holly,  
Juniper, Lilac,  
Locust, Maple,  
Mimosa, Oak,  
Pine, Plum,  
Poplar,  
Rhododendron,  
Spruce, Willow

Aphids, Bagworms, European Pine Shoot Moths, Holly Bud Moths, Dipterous Leaf Miners (Arborvitae, Azalea, Birch, Boxwood, Holly, Oak), Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European Red, Privet, Two-spotted Spider), Obscure Root Weevils, Omnivorous Leaf Tiers, Scale Crawlers (Cottony-cushion Euonymus, Lecanium, Pine Needle, Pit Scale, San Jose, Soft)

1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

Webworms, (Juniper, Mimosa), Whiteflies

1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

Mimosa Webworms - Apply as a thorough foliar spray when adults first appear. Make two additional applications at 4-5 week intervals.

Apple-and-Thorn Skeletonizers, Hemlock Chermes, Oak Loopers, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars, Webworms (Cotoneaster, Fall)

3 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

## ROSES &amp; FLOWERS

Wet the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.

Azaleas,  
Camellias,  
Chrysanthemums,  
Carnations,  
Gladioli, Lilac,  
Rhododendron,  
Roses

Aphids, Euonymus Scale Crawlers, Flea Beetles, Dipterous Leaf Miners, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Two-spotted Spider), Thrips, Whiteflies

1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

## FRUITS &amp; NUTS

Start spraying after blooming. Applications should be made according to infestation or when aphids, mites, and crawler stages of scale insects are first noted. If infestations warrant, repeat application at 7 to 10 day intervals.

Almonds, Fiberts,  
Pecans, Walnuts,

Aphids, Nut Casemaker (pecans), Scale Crawler, Spider Mites

1/3 fl. oz. in 3 gals. of water. Apply as a full cover spray.

Do not apply after husks open or split.

Apples, Pears

Aphids, Codling Moths, Eye-spotted Bud Moths, Fruit Tree Leaf Rollers, Leafhoppers, Tentiform Leaf Miners (pears), Maggots (apples), Mealybugs, Mites (European Red, Clover [brown], Pacific, Two-spotted Spider), Psylla (pears), Scale Crawlers (Cottony-cushion, San Jose, Forbes, Soft)

1 fl. oz. in 3 gals. of water. Apply as a full cover spray.

On apples, slight russeting may occur on some varieties such as Golden Delicious.

Apricots, Peaches, Nectarines	Aphids, Apricot Mealybug (apricot), Mites (Clover [brown], Two-spotted), Scale Crawlers (Olive, San Jose 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Cherries	Black Cherry Aphid, Cherry Fruit Fly, Cherry fruitworm (Maggot), Fruit Tree Leaf Roller, Mites (Cherry Rust), Scale Crawlers (San Jose) 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Figs	Dried Fruit Beetle, Vinegar Flies (Drosophila spp) 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Plums, Prunes	Aphids (Leaf Curl, Plum, Mealy Plum, Thistle), Mites (Clover [brown], European Red) 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Caneberries, (blackberries; boysenberries, dewberries, loganberries, raspberries)	Aphids, Leafhoppers, Raspberry Sawfly, Raspberry Fruitworm, Two-spotted Mites, Thrips 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Blueberries	Aphids, Blueberry Maggot, Cranberry Fruitworm, Cherry Fruitworm, Cherry Fruitworm (Maggot), Two-spotted Mites, Thrips 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Strawberries	Aphids, Two-spotted Mites, Strawberry Leaf Roller 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Grapes	Aphids, Grape Berry Moths, Grape Leaffolders, Leafhoppers, Scale Crawlers 1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Grapefruit, Lemons, Oranges,	Citrus Thrips, Scale Crawlers (Citrus Snow* Cottony-cushion)... 1 fl. oz. in 3 gals. of water. Apply as a full cover spray,... * 2 fl. oz. in 3 gals. of water. Apply as a full cover spray after..... blooming and again in the summer. Thorough spray coverage of tree trunk, limbs and twigs is essential.

Do not spray Fruit within:

- 5 days - Strawberries, Figs
- 7 days - Blueberries, Caneberries
- 10 days - Apricots, Cherries, Grapes, Nectarines, Plums, Prunes
- 14 days - Apples, Pears
- 21 days - Grapefruit, Lemons, Oranges, Peaches

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VEGETABLES      Foliar Application

Thoroughly spray all plant parts. Generally, applications at 7 to 10 day intervals may be required. Do not feed treated vines to livestock.

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Beans, Peas      Aphids, Cucumber Beetles, Grasshoppers, Leafhoppers, Mexican Bean Beetle, Mites  
1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden

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Cabbage,      Aphids, Diamondback Moths, Flea Beetles, Imported Cabbage Worms, Dipterous  
Cauliflower,      Leaf Miners  
Collards,      1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.  
Broccoli,  
Kale,  
Radishes,  
Turnips

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Carrots,      Aphids, Flea Beetles, Leafhoppers, Dipterous Leaf Miners, Mites  
Celery,      1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.  
Endive,  
Lettuce,  
Parsnip,  
Spinach

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Cantaloupes,      Aphids, Thrips, Mites  
Cucumbers,      1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.  
Muskmelon,  
Squash,  
Watermelon

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Peppers,      Aphids, Colorado Potato Beetles, Fall Armyworms (tomato), Flea Beetles, Leaf-  
Potatoes,      hoppers, Southern Armyworms (potato and tomato), Vinegar Flies (*Drosophila*  
Tomatoes      spp [tomato])  
1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.

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Onions      Onion Thrips  
1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.

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Sweet Corn      Aphids, Flea Beetles, Grasshoppers, Mites  
1 fl. oz. in 3 gals. of water covers approximately 1,000 sq. ft. of garden.

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VEGETABLES

Preplant Soil Application

Cabbage, Carrots, Corn, Lettuce, Peas, Pole Beans, Radishes, Red Beets, Snap Beans, Tomatoes, Turnips

Cutworms (Surface, Subterranean)

6 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.

Apply broadcast just before planting. Immediately work into soil 2-3 inches for Surface Cutworms, 3-6 inches for Subterranean Cutworms

Garden Symphylans (Garden Centipedes)

15 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.

Apply broadcast just before planting. Immediately work into soil 4-8 inches.

Mole Crickets: Carrots, Corn, Peas, Pole Beans, Red Beets, and Snap Beans Only.

1.5 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.

Apply broadcast just before planting. Apply 1-2 days before sowing or transplanting. Immediately work into soil 1-2 inches.

Root Maggots: Cabbage Only

4.5 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.

Apply broadcast just before planting. Immediately work into soil 3-4 inches before seeding, either in seed bed or in field or before transplanting.

Wireworms: Cabbage, Carrots, Corn, Lettuce, Peas, Snap Beans, and Tomatoes Only

6 fl. oz. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.

Apply broadcast just before planting. Immediately work into soil 4-8 inches.

Do not spray Vegetables within:

- 1 day - Peas, Tomatoes, Sweet Corn
- 3 days - Cantaloupes, Muskmelons, Squash, Watermelons
- 5 days - Broccoli, Cauliflower
- 7 days - Beans, Cabbage, Cucumbers, Peppers
- 10 days - Carrots, Celery, Collards, Endive, Kale, Lettuce, Onions, Parsnips, Radishes, Spinach, Turnips
- 35 days - Potatoes

NUISANCE  
PESTS IN  
OUTSIDE  
AREAS

Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (Collembola)

8 fl. oz. in 3 gals. of water.

Thoroughly spray window and door screens sills, foundations, porch and patio walls and ceilings, entranceways, walks, garbage cans, tree trunks, and into cracks and other places where insects can hide.

Do not treat plants or animals.

Spray a 5 ft. band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet.

See lawn recommendations for other control measures for these pests.