

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

EPA REGISTRATION
34874-24

DATE OF ISSUANCE
JUN 15 1987

TERM OF ISSUANCE
Until reregistered

NAME OF PESTICIDE PRODUCT
Diazinon 4F

NOTICE OF PESTICIDE: ☐ REGISTRATION
☐ REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Bishop Chemical, Inc.
Route 12, Box 203
Tyler, TX 75708

161 / 147222
18

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)(B) 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. 34874-24."

b. Change "Note to Physician" to "If symptoms of cholinesterase . . ." to "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 . . . only in conjunction with atropine."

c. Provide the following product chemistry information.

- Storage Stability - the formulated product must be analyzed for its active ingredient at time zero and during a year of storage.

☐ ATTACHMENT IS APPLICABLE

BEST AVAILABLE COPY

SIGNATURE OF APPROVING OFFICIAL

DATE

6/15/87

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.

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

DIAZINON® 4E

Recommended for Commercial/Industrial Use
This Product Must Not Be Used On Golf Courses Or Sod Farms
For control of cockroaches, ants, silverfish, carpet beetles, spiders, scorpions, and
turf and ornamental pests.

KEEP OUT OF REACH OF CHILDREN

WARNING

ACTIVE INGREDIENT:

Diazinon [O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate].....47.5%
INERT INGREDIENTS:.....52.5%
TOTAL:.....100.0%

DIAZINON 4E contains 4 lbs. Diazinon per gallon.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Avoid contamination of food. Do not use on humans or pets. Do not permit children or pets to go on treated areas until spray has completely dried. Keep out of reach of domestic animals. Do not contaminate ornamental fish ponds.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES: Flush eyes with plenty of water. Call a physician immediately.

NOTE TO PHYSICIAN: Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally. If symptoms of cholinesterase inhibition are present, atropine is antidotal. 2-PAM is also antidotal and may be used in conjunction with atropine.

IMPORTANT: Read the following DIRECTIONS FOR USE before using this product.

SEE ATTACHED BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS
READ COMPLETED USE DIRECTIONS ON TAG

Distributed By:

Bishop Chemical, Inc.
Rt. #12, Box 12020
Tyler, TX 75708

E.P.A. #

EST. NO. 34874-TX-1

BEST AVAILABLE COPY

ACQUITTED
with CONSENT
of STA Letter Dated

JUN 15 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
is prohibited for the pesticide
Diazinon under EPA Reg. No.
34874-24

DIAZINON® 4E

Recommended For Commercial &
Industrial Use

GENERAL INFORMATION

(FRONT COVER)

Precautionary Statements WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May be fatal if swallowed. May be fatal if absorbed through skin. May be fatal if inhaled. Do not get on clothes. Wash thoroughly after handling. Avoid contact with food. Do not feed animals. Do not permit children to play in treated areas until spray has completely dried. Do not ingest treated areas.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED — Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by rubbing the back of the throat with a finger. Do not induce vomiting if the person is unconscious or having convulsions.

or convulsions.

IF PERSON:

IF INHALED

IF ON SKIN — Remove contaminated clothing and wash affected areas with soap and water. **IF IN EYES** — Flush eyes with plenty of water. Call a physician immediately.

IF TO BE USED: Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally. If symptoms of cholinesterase inhibition are present, atropine is antistal. 2-PAM is also antidotal and may be used in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding in treated areas may be killed. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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 the crop, cover crop, or weeds blooming in the treatment area. Applications should be limited to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

PLEASE READ CAREFULLY AND DO NOT DISCARD UNTIL ALL PRODUCT IS USED.

GENERAL INFORMATION

Diazinon 4E is an emulsifiable solution containing 4 lbs. of Diazinon per gallon. It is intended for use by pest control operators after dilution with water for the control of those insects listed.

Diazinon 4E is not intended for use in preparing oil-bone soaps.

Note: The solvent used in this formulation is petroleum distillate, which may stain certain plastic, rubber and asphalt materials such as tiles and floor coverings. Do not treat such materials. Care should also be taken to avoid spotting of wallpaper and fabrics. When used in dwellings, care should be taken to avoid deposits which could be frequently contacted by children. Do not allow children in treated areas until surfaces are dry. Do not contaminate food, food containers or cooking utensils.

DIRECTIONS FOR USE

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

FOOD HANDLING ESTABLISHMENTS — Places other than private residences in which exposed food is held, processed, prepared or served.

FOOD AREAS — APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY — Includes areas for receiving, storage, packing, canning, bottling, wrapping, boxing, preparing edible waste.

(PAGE 3)

BEST AVAILABLE COPY

PAGE 1

storage and enclosed processing systems (mills, dairies, edible oils, syrups) Serving areas, when food is exposed and facility is in operation, would also be considered a food area. Apply 1/2% Diazinon spray in small amounts directly into cracks and crevices using equipment capable of delivering a fine stream of insecticide in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment, legs and bases, etc.

Cockroaches (Waterbugs), Ants and Silverfish hide. Do not use this product in areas with housings and electrical switch boxes. APPLICATION OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

NON FOOD AREAS — Includes garbage rooms, lavatories, floor drains (to sewer), entries and vestibules, office locker rooms, machine rooms, boiler rooms, garages, mop closets and storage after canning or bottling. Apply 1/2% Diazinon 4E to baseboard area around water pipes, sinks, behind and beneath sinks, lockers, tables, gauges and similar areas where insects hide or through which they may enter.

HOUSEHOLD INSECTS**

Dilute Diazinon 4E with water to make 1/2% solution. Diazinon spray and apply as indicated below.

Gals. of Finished Spray	Amount Diazinon 4E to use	1/2% Spray
1	1.5 fl. oz.	2.5 fl. oz.
2	3 fl. oz.	5.0 fl. oz.
3	4.5 fl. oz.	7.5 fl. oz.
10	15 fl. oz.	25 fl. oz. (1.6 pts.)
25	37.5 fl. oz.	62.5 fl. oz. (4.0 pts.)

* To control insects listed apply recommended rates. For Ants, Brown Dog Ticks, Clover Mites, Chiggers, Fleas, Millipedes, Sowbugs, and Centipedes (Springtails), which are commonly found near the house and may enter the house, spray a 5 ft. band of soil around the houses as well as the house foundation wall, to a height of 2-3 feet. Repeat application if necessary.

Ornamental

Mimosa Webworms on Mimosa

Cockroaches (Waterbugs), Ants and Silverfish — Make spot applications of 1/2% Diazinon as a coarse spray or apply with a paint brush to baseboards, areas around water pipes, cracks and crevices, surfaces behind and beneath cabinets, refrigerators, sinks, stoves, and similar areas where these insects hide. For heavy cockroach infestations, make the first application at a strength of 1% Diazinon, followed by monthly applications of 1/2% Diazinon.

Carpet Beetles — Apply a 1/2% Diazinon spray in spot applications along baseboards and edges of carpeting, under carpeting and rugs and furniture in closets and on shelving, and wherever these insects are seen or suspected.

Spiders and Scorpions — Apply a 1/2% Diazinon spray around windows, doors, and along baseboards. Make spot applications to other areas over which these pests may crawl.

Pantry Pests — exposed stages (Saw-toothed Grain Beetle, Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth) — Apply a 1/2% spray to shelves and cupboards where food containers suspected of being infested are stored. Remove all food and shelving paper before spraying. Do not replace the food packages until spray has dried. Cover shelves with shelving paper. This treatment is supplemental to good housekeeping, since it will have no effect on insects breeding within food packages. Infested food packages should be destroyed.

Brown Dog Ticks in Buildings — Make thorough application of a 1/2% Diazinon spray to infested areas around baseboards, windows and door frames, wall cracks, sleeping quarters of household pets, and other areas of floor and floor coverings. Fresh bedding should be placed in animal quarters following treatment. Do not treat animals with this formulation.

ORNAMENTAL INSECTS

To control insects on ornamentals — Azalea, Birch, Boxwood, Camellia, Fern, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow — apply the recommended rates indicated below.

Do not use on certain Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia. Some injury to these plants may occur.

Mimosa Webworms on Mimosa — Mix 1/2 fl. oz. (1 tablespoon) in 3 gals. water for first application and apply as a thorough foliar spray.

BEST AVAILABLE COPY

When adults first appear. Make a second and third application at 4-6 week intervals.

RATES OF APPLICATION

INSECTS		Amount Diazinon 4E to use	
		per 1 gal. water	per 100 gal. water
Adults	Outside Root		
Beetles	Weevils		
Carnation Bud	Common Green Leaf		
Mites	Spider Mites		
Carnation Shoot	Webworms		
Mites	Scale Crawlers		
Cystalline Mites	Cottony Cushion	1/2 fl. oz.	1 pint
Chrysanthemum Leaf	Lebanon		
Mites	Pine Needle		
European Pine	San Jose Soft		
Shoot Moths	St. Anns		
European Red Mites	Tree		
Leaf Beetles	Two Spotted Mites		
Red Bird Moths	Chrysanthemum		
Leaf Hoppers			
Apple and Thorn	Oak Looper		
Shorelarks	Temple Caterpillar		
Contender	Orange Banded	11 oz.	1 pint
Webworms	Leaf Rollers		
Van Webworms	Phyllis		
Hamrick Chermes			

LAWN INSECTS

To control insects listed apply recommended rates. For Ants, Brown Dog Ticks, Clover Mites, Chiggers, Fleas, Millipedes, Sowbugs, and Centipedes (Springtails), which are commonly found near the house and may enter the house, spray a 5 ft. band of soil around the houses as well as the house foundation wall, to a height of 2-3 feet. Repeat application if necessary.

Boxelder Bugs — Spray bugs outside the home with 1% to 2% fl. oz. (2 1/2 to 5 tablespoons) in 1 gallon of water. At the same time, spray thoroughly around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

INSECTS

	Rate per 1,000 sq. ft.	
	Diazinon 4E	Water

Lawn Chinch Bugs
Use higher rate for longer residual control and in lawns of dense growth. Such as St. Augustine lawns.

Ants, Armyworms, Clover Mites, Collembola (Springtails), Chiggers, Cutworms, Digger Wasps, Earwigs, Lawn Billbugs, Sod Webworms (Lawn Moths), Sawbugs.

Spot spray Ant Hills and wasp ground nest openings.

For Lawn Billbugs, irrigate the lawn thoroughly immediately after treatment.

Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers, Ticks.

Do not apply to animals. For Brown Dog Ticks, spray grass and under shrubbery, particularly near house.

Millipedes
Rhodes Grass Scales

Apply when Ceanothus first emerge.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a dry place. Do not store where children or animals may gain access.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.