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769-509

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 769-509	DATE OF ISSUANCE NOV 13 1981
	TERM OF ISSUANCE Initial Registration	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT Security and Protection	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
[] [] [] []		
<p>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.</p> <p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>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.</p>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

Household Insects
Dilute Diazinon 4E with water to make a 1/2% or 1% Diazinon spray and apply as indicated below:

gal. of finished spray	Amount Diazinon 4E to Use for	
	1/2% spray	1% spray
1	1 1/2 fl. oz.	2 1/2 fl. oz.
2	2 1/2 fl. oz.	5 fl. oz.
3	3 1/2 fl. oz.	7 1/2 fl. oz.
10	12 1/2 fl. oz.	25 fl. oz. (1 3/5 pts.)
25	32 fl. oz. (2 pts.)	84 fl. oz. (4 pts.)

*2 1/2 tablespoons = 1 1/2 fl. oz.

Cockroaches (Waterbugs), Ants, Sawflies: 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.

Pastry Pests—Exposed Stages (Sawtoothed 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, window frames and door frames, wall cracks, sleeping quarters of household pets, and localized areas of floors and floor coverings. Fresh bedding should be placed in animals quarters following treatment. Do not treat animals with this formulation.

Applications within Feed Areas of Feed Handling Establishments
Feed Handling Establishments: Places other than private residences in which exposed food is held, processed, prepared or served.

Limited to Cattle and Cattle treatment only: Apply a small amount of material in a 1/2-1% solution directly into cracks and crevices such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids and hollow equipment legs where cockroaches, ants, spiders, and silverfish hide. Aids in the control of pantry pests (exposed stages of sawtoothed grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle and Indian meal moth) which come in contact with treated surfaces. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

Applications of this product in the feed area of feed handling establishments, other than as a crack and crevice treatment, are not permitted.

Use: Diazinon 4E is not recommended for use in conduits, motor housing, junction or switch boxes because of shock hazard.

Ornamental Insects
To control certain insects on ornamentals, such as Arborescence, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce and Willow apply the recommended rates indicated below.

Insects	Amount Diazinon 4E to use	
	per 3 gals. water	per 100 gals. water
Aphids		1 pt.
Bagworms		
Carnation bud mites		
Carnation shoot mites		
Clover mites		
Cyclamen mites		
Dipterous mites		
European Pine Shoot Moths		
European Red Mites		
Flora beetles	1/2 fl. oz.	
Holly bug moths		
Leafhoppers		
Obscure root weevils		
Omnivorous leathers		
Privet mites		
Scale crawlers:		
Cottony-cotton		
Lecanium		
Pine needle		
San Jose scale		



DIAZINON® 4-E

For Control of Cockroaches, Certain Other Household Pests, and Turf and Ornamental Pests

Only For Sale To, Use And Storage By
Pest Control Operators

ACTIVE INGREDIENTS:
O,O-dimethyl O-(2-isopropoxy-6-methyl-4-pyrimidinyl) phosphorothioate..... 47%
Xylene range aromatic solvent..... 30%
INERT INGREDIENTS:..... 23%
Total 100%

EPA Est. No. 769-DA-1
EPA Reg. No. 769-509
This product contains 4 lbs. Diazinon per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material is taken internally. Do not induce vomiting unless other treatment is unavailable. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim 1 or 2 glasses of water and insert finger into 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 by mouth if indicated.

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

IF IN EYES: Flush eyes with plenty of water and get medical attention.

NOTE TO PHYSICIAN: Atropine is antidote. 2-PAM is antidotal and may be administered in conjunction with atropine sulfate.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING
Keep out of reach of children. 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 and before eating or smoking. Avoid contamination of food. Do not use on humans or permit children to go into sprayed areas until spray has completely dried.
Keep out of reach of domestic animals. Do not contaminate feed or use on household pets or livestock. Do not permit pets to go onto sprayed areas until spray has completely dried.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Birds feeding on the treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on this label.

PROTECT BEES: This product is highly toxic to bees exposed to direct treatment or 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 timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill 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.

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 specified on this label.

NOTE: The solvent used in this formulation is a petroleum distillate which may stain certain plastic, rubber and asphalt materials, such as tiles and floor coverings. Do not treat such materials. Care should be taken to avoid spilling 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

Insects	Rate per 1,000 sq. ft.	Remarks
Lawn Chinch Bugs	Diazinon 4E water 2-3 fl. oz. or 3-6 fl. oz.	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Armyworms, Clover mites, Springtails (Collembola), Crickets, Curlews, Doger wasps, Earwigs, Frit Flies, Lawn billbugs, Sod webworms (Lawn moth), Sowbugs	4 fl. oz.	Spot spray ant hills and wasp ground nest openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment. For frit flies, mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary.
Brown dog ticks, Bermuda mites, chiggers, Fleas, Leafhoppers	1 1/2 fl. oz. or 3 gals.	Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near houses.
Thistlegrass scales	8 fl. oz. or 3 gals.	Apply when crawlers first emerge.
Rhodgrass scales	5 fl. oz. or 2 1/2 gals.	Apply when crawlers first emerge.

1 fl. oz. = 2 tbsp. 16 fl. oz. = 1 pt.

Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur.
Mosses webworms: Mix 1/2 fl. oz. (1 tablespoon) in 3 gals. of water for 1 pt. in 100 gals. of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

Lawn insects
To control insects below, apply recommended rates. For insects, such as ants, Brown dog ticks, Clover mites, Crickets, Earwigs, Fleas, Killiflies, Sowbugs and Springtails (Collembola), which are commonly found near the house and may enter the house, spray 2-3 ft. band of soil around the house, as well as the house foundation wall to a height of 2-3 feet. Repeat application if necessary.

Beetle bags: Spray bugs outside the home with 1 1/2-2 1/2 fl. oz. (2 1/2-5 tablespoons) in 1 gal. of water. At the same time, spray thoroughly around foundation, windows, doors, fire trunks and into cracks and other places where the insects hide.

STORAGE AND DISPOSAL

Do not co- mix with water, food and feed by storage or disposal.
Pesticide Disposal: Pesticide, spray mixture or rinseate that cannot be used according to label instructions, must be disposed of according to Federal, State or local procedures under the Resources Conservation and Recovery Act.
Container Disposal: Triple rinse (or equivalent) and offer for recycling or reconditioning or dispose of in a sanitary landfill, or by other approved state and local procedures.

NOTICE:

DISCLAIMER OR WARRANTY, MERCHANTABILITY AND LIABILITY: If for any reason this product is not used, applied, stored, transported or disposed of in accordance with the instructions set forth on this label, then and thereafter Woolfolk Chemical Works, Inc. makes no warranty, express or implied, including the warranty of merchantability and fitness.

ACCEPTED

NOV 13 1981

NET CONTENTS 1 FL. GALLON

Under the Federal Insecticide, Fungicide, and Rodenticide Act

Registered under 769-509

Registered No. 769-509

WOOLFOLK CHEMICAL WORKS, INC.
Manufacturers
Fort Valley Georgia 31020

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