

Net Contents:
One Gallon (3.79 L)



3-12-84

abatement

ONLY For Sale To: Use & Storage by Serviceperson.

To Be Applied Only by or Under the Supervision of Pest Control Operators, Public Health Organizations, Mosquito Abatement Districts and Other Trained Personnel Responsible for Insect Control Program.

Diazinon® 4E

INSECTICIDE

For control of cockroaches, certain other household pests, and turf and ornamental pests.

ACTIVE INGREDIENTS:

O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate*	<u>76% Wt</u> 47.50%
Aromatic petroleum derivative solvent	30.02%
INERT INGREDIENTS:	22.48%

TOTAL:	100.00%
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*Diazinon® trademark of CIBA-GEIGY Corporation
DIAZINON® 4E contains 4 lbs. Diazinon per gallon

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: ...

IF IN EYES: ...

IF ON SKIN: ...

IF ON CLOTHING: ...

IF ON FEED: ...

IF ON TURF: ...

IF ON ORNAMENTALS: ...

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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 and feed. Keep out of reach of domestic animals. Do not use on humans, household pets, or livestock. Do not permit children or pets to go onto the sprayed grass until spray has completely dried.

ENVIRONMENTAL HAZARDS

FISH AND WILDLIFE CAUTION: This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

See side & back panels for additional precautions.

LAWN INSECTS:

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

Insects	Rate per 1,000 sq. ft.		Remarks
	DIAZINON 4E Water		
Lawn Chinch Bugs	2-3 fl. oz. Or 3 G fl. oz.	25 gals.*	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustae Lawns.
Ants, Armyworms, Clover Mites, Collared-wee (Spring-tails), Crickets, Cutworms, Digger Wasps, Earwigs, Flea, Lawn Billbugs, Sod Webworms (Lawn Moths), Sowbugs	4 fl. oz.	3 gals.	Spot spray ant hills and wash ground nest openings. Treat ant trails and where ants may enter premises. For lawn billbugs, irrigate lawn thoroughly immediately after treatment. For flea, 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, Ticks	1 1/4 fl. oz.	3 gals.	Do not apply to animals. For brown dog ticks spray grass and under shrubbery, particularly near house.
Millipedes	8 fl. oz.	3 gals.	
Rhodes-Grass Scales	5 fl. oz.	25 gals.*	Apply when crawlers first emerge.

*Alternatively, make application in 3 gals. of water per 1,000 sq. ft. and thoroughly water immediately following application

Boxelder Bugs:

Spray bugs outside the house with 1 1/4-2 1/2 fl. oz. (2 1/4-5 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.

h.d.c.

STORAGE AND DISPOSAL

STG-111
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 state and local authorities.

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 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

HOUSEHOLD INSECTS**

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

Spray Dilution Chart

Gals. of Finished Spray	Amount DIAZINON® 4E to use for:	
	1/2% Spray	1% Spray
1	1.25 fl. oz.*	2.5 fl. oz.
2	2.5 fl. oz.	5.0 fl. oz.
3	3.75 fl. oz.	7.5 fl. oz.
10	12.5 fl. oz.	25.0 fl. oz. (1.6 pts.)
25	32.0 fl. oz. (2.0 pts.)	64.0 fl. oz. (4.0 pts.)

*2 1/4 tablespoons = 1.25 fl. oz.

**NOTE: DO NOT USE IN SERVING AREAS WHILE FOOD IS EXPOSED.

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. Treat ant trails and places where ants may enter premises. 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 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% Diazinon 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.

(Directions continued back panel)

BEST DOCUMENT AVAILABLE

Brown Dog Ticks in Buildings:

Make thorough application of a 1/2% Diazinon spray to infested areas around baseboards, window and door frames, wall cracks, sleeping quarters of household pets, and localized areas of floors and floor covering. Fresh bedding should be placed in animal quarters following treatment. Do not treat animals with this formulation.

FOOD HANDLING ESTABLISHMENTS**

Places other than private residences, in which food is held, processed, prepared and/or served. For the control of Resistant and Non-Resistant Cockroaches (Waterbugs), Ants, Spiders, and Silverfish. Also as an aid in the control of Pantry Pests — exposed stages (Sawtooth Grain Beetle, Flower Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth).

**NOTE: DO NOT USE IN SERVING AREAS WHILE FOOD IS EXPOSED.

Food Areas — includes receiving, serving, storage (dry, cold, frozen, raw), packaging (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage, enclosed processing systems (mills, dairies, edible oils, syrups).

Limited to Crack and Crevice Treatment Only — Apply a 1/4 to 1% Diazinon spray (see Spray Dilution Chart under HOUSEHOLD INSECTS) in small amounts directly into cracks and crevices such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids, or hollow equipment legs where the above listed insects hide. 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 food areas of food handling establishments, other than a crack or crevice treatment, are not permitted.

CAUTION: Do not use TASC0 BRAND Diazinon 4E in conduits, motor housings, junction or switch boxes because of shock hazard.

Non-Food Areas - Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling)

Apply 1/2 - 1% Diazinon (see Spray Dilution Chart under HOUSEHOLD INSECTS) as a coarse spray or apply with a paint brush to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets and similar areas where insects hide or through which they may enter

ORNAMENTAL INSECTS:

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

Rates of Application

Insects

Aphids, Bagworms, Carnation Bud Mites, Clover Mites, Cyclamen Mites, Dotted Leaf Miners, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leaf Tiers, Privet Mites, Cottony Cushion Scale Crawlers, Lecanium Scale Crawlers, Pine Needle Scale Crawlers, San Jose Scales, Soft Scales, Thrips, Two-Spotted Mites, Webworms, Whiteflies

Apple and-Thorn Skeletonizers, Colneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Oblique Banded Leaf Rollers, Pear Slugs, Tent Caterpillars

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

Mimosa Webworms:

Mix 1/2 fl oz (11 tablespoons) in 3 gallons water (or 1 pt in 100 gallons water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 weeks intervals

Amount DIAZINON 4E To Use:	
Per 3 Gal. Water	Per 100 Gal. Water
1/2 fl oz*	1 pt*
1 1/2 fl oz*	3 pts.*

TOBACCO STATES CHEMICAL CO., INC.
LEXINGTON, KENTUCKY

LRP

88.111N
(6/12/84)

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17 / 3

Mr. Michael Meredith
Tobacco States Chemical Co., Inc.
P.O. Box 12530
Lexington, KY 40583

Dear Mr. Meredith:

Subject: Amendments - Alternate Source, Updated and
Revised Labeling
Gargo Brand Diazinon 4F
EPA Registration No. 226-230
Your Application Dated April 5, 1984

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. Delete "Mosquito Abatement District" from the Serviceperson restriction. There are no mosquito control directions.
2. Please note that according to our calculations (based on your figures) the Diazinon content is 17.31%.
3. Add the name DIAZINON in front of the formula name, which should be enclosed in brackets.
4. We suggest the following revised text for the Statement of Practical Treatment; however, if your toxicological data suggest otherwise, please submit a draft Statement of Practical Treatment for prior approval:

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 roughing the back of throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

