

PRENTISS PEST-CONTROL PRODUCTS

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 below.

Diazinon 4E is not intended for use in preparing oil base sprays. Pest control operators who prefer oil base sprays should use Diazinon 4S.

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 3/4% or 1% Diazinon spray and apply as indicated below:

Gals. of Finished Spray	Amount Diazinon 4E to use for	
	3/4% 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 1/2 tablespoons = 1.25 fl. oz.

Cockroaches (Waterbugs), Ants and Silverfish - Make spot applications of 3/4% 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 3/4% Diazinon.

Carpet Beetles - Apply a 3/4% 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 3/4% 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 3/4% 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 3/4% 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 coverings. Fresh bedding should be placed in animal quarters following treatment. Do not treat animals with this formulation.

ORNAMENTAL INSECTS

To control listed 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.

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



DIAZINON® 4E INSECTICIDE

FOR USE BY PEST CONTROL OPERATORS ONLY

For control of cockroaches, ants, silverfish, carpet beetles, spiders, scorpions, and turf and ornamental pests.

Active Ingredients: SEE ATTACHMENT #1

0,0-dimethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	47.8%
Aromatic petroleum derivative solvent	30.0%
Inert Ingredients:	22.5%
Total	100.0%

DIAZINON 4E contains 4 lbs. Diazinon per gallon.
DIAZINON-REGISTERED TRADEMARK CIBA-GEIGY

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. 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.

Do not use in edible products areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed. SEE ATTACHMENT #3

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.

DO NOT REUSE EMPTY CONTAINER. DESTROY BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE. SEE ATTACHMENT #4

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. SEE ATTACHMENT #5

MINIMUM FLASH POINT: 105° F.

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY
IMPORTANT: READ THE OTHER DIRECTIONS FOR USE AND THE CONDITIONS OF SALE AND WARRANTY BEFORE USING THIS PRODUCT.

WARNING FOR USE - Household Insecticide - 4E - See Handling Instructions

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

DIRECTIONS FOR USE - Food Handling Establishments

DO NOT HANDLE - EAT - DRINK - SMOKE - OR USE TOBACCO PRODUCTS - WHILE HANDLING, PREPARING AND/OR APPLYING THIS PRODUCT.

DO NOT USE ON - OR STORE NEAR HEAT OR OPEN FLAME. SEE ATTACHMENT #5

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Mimosa Webworms - Mix 1/2 fl. oz. (1 tablespoon) in 3 gals water (or 1 pt. in 100 gals. water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

Rates of application

INSECTS	Amount Diazinon 4E to use	
	per 3 gal. water	per 100 gal. water
Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leaf Miners, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leaf Tiers, Privet Mites, Scale Crawlers-Cottony-Cushion, Lecanium, Pine Needle-San Jose-Soft Scales-Thrips, Two-Spotted Mites, Webworms, Whiteflies	1/2 fl. oz.*	1 pt.
Apple-and-Thorn Skeltonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Looper, Oblique-Banded Leaf Rollers, Pear Slugs, Tent Caterpillars	1 1/2 fl. oz.*	3 pts.*

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

LAWN INSECTS

To control insects listed below, apply recommended rates. For insects such as 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.

Boxelder Bugs - Spray bugs outside the home with 1 1/2-2 fl. oz. (2 1/2-5 tablespoons) in 1 gal. 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	Remarks
Lawn Chinch Bugs	2-3 fl. oz. or 3-6 fl. oz.	25 gals. Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Armyworms, Clover Mites, Collembola (Springtails), Crickets, Cutworms, Dog Flies, Fleas, Ground Squirrels, Leafhoppers, Millipedes, Sowbugs, and Whiteflies	1 1/2 fl. oz.	3 gals. Spot spray ant hills and wasp ground nest openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment. For whiteflies, spray the plants and soil well. For ground squirrels, spray the soil around the hole. DO NOT WATER PLANTS until necessary.
Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers, Ticks.	1 1/2 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.

CAUTION-COMBUSTIBLE MIXTURE N. Y. F. D., C. of A. No. 4146
SEE ATTACHMENT #6

E.P.A. Reg. No. 655-457



Contents ___ Gals.

Prentiss Drug & Chemical Co., Inc.

NEW YORK, N.Y.

NEW YORK, N.Y.

655-457 8/20/1974

ATTACHMENT #1

ACTIVE INGREDIENTS:		
0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate	47.5%	
Aromatic petroleum derivative solvent	30.0%	
INERT INGREDIENTS:	22.5%	
		TOTAL: 100.0%

ACCEPTED
AUG 20 1974
UNDER THE FEDERAL FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. SUBJECT TO ATTACHED COMMENTS.

655457

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ATTACHMENT #2

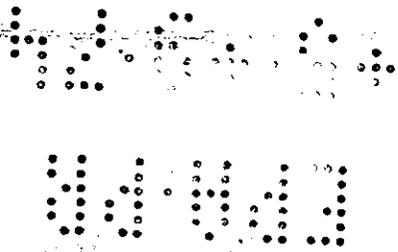
DIRECTIONS FOR USE

APPLICATIONS WITHIN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS

LIMITED TO CRACK AND CREVICE TREATMENT ONLY - Apply a samll

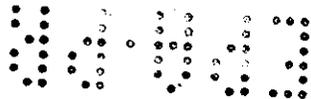
amount of material directly into cracks and crevices, such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids, motor housing, junction boxes, hollow equipment legs where Resistant and Non-Resistant Cockroaches, (Waterbugs), Ants, Spiders, Silverfish hide. Aids in the control of Pantry Pests - exposed stages (Sawtoothed Grain Beetle, Confused Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth) coming in contact with treated surfaces, will be killed. 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 as a crack and crevice treatment, are not permitted.



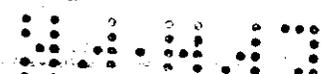
ATTACHMENT #3

Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes.



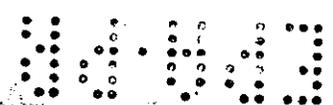
ATTACHMENT #4

DO NOT REUSE EMPTY CONTAINER. DESTROY IT BY PERFORATING
OR CRUSHING. BURY OR DISCARD IN A SAFE PLACE AWAY FROM
WATER SUPPLIES.



ATTACHMENT #5

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.



ATTACHMENT #6

NON-FOOD AREAS - DIRECTIONS FOR USE (SPOT APPLICATIONS)

NOTE: PRENTOX DIAZINON 4E is not recommended for use in conduits, motor housings, junction or switch boxes because of shock hazard.

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 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 thorough which they may enter.

