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Sincerely yours,

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

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 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 4E.

Note: The solvent used in this formulation is a petroleum distillate which may stain certain plastic, rubber and nonmetal 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, feed containers or cooking utensils.

STORAGE & DISPOSAL

1. **Precautions** — DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE, DISPOSAL OR CLEANING OF EQUIPMENT. OPEN DUMPING IS PROHIBITED.

2. **Pesticide Disposal** — Pesticide spray mixture or residue that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

3. **Container Disposal** — a) Reuse drum and other for reconditioning or b) Triple rinse (or equivalent) and offer for recycling or reconditioning or dispose of in sanitary landfill or by other approved State and local procedures.

DIRECTIONS FOR USE CONTINUED:

For Ants

To aid in the control of fire ants in lawns and other recreation areas, apply 1/2 fl. oz. (1 fl. oz. in a minimum of 1 gal. of water as a drench. Apply over and 8 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 product 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.

**CAUTION
COMBUSTIBLE
MIXTURE**

N.Y.F.D. C. of A. No. 4148

DIRECTIONS FOR USE

HOUSEHOLD INSECTS

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

Size of Finished Spray	Amount Diazinon 4E to use for 1/4% spray	Amount Diazinon 4E to use for 1% spray
1	1.25 fl. oz.	5.0 fl. oz.
2	2.5 fl. oz.	10.0 fl. oz.
3	3.75 fl. oz.	15.0 fl. oz.
10	12.5 fl. oz.	50.0 fl. oz. (1.0 gal.)
25	31.25 fl. oz. (2.0 gal.)	125.0 fl. oz. (1.6 gal.)

*1% dilutions = 1.25 fl. oz.

Cockroaches (Waterbugs), Ants, and Silverfish — Make spot applications of 1/4% Diazinon as a contact spray or apply with a paint brush to baseboards, areas around water pipes, cracks and crevices, surfaces behind and between cabinets, refrigerators, sinks, stoves and similar areas where these insects hide.

For heavy cockroach infestations, make the first application of a strength of 1/4% Diazinon followed by monthly applications of 1/4% Diazinon.

Carpenter Bees — Apply a 1/4% Diazinon spray or spot applications along baseboards and edges of carpeting under carpeting and rugs and furniture in closets and on other areas and wherever these insects are seen or suspected.

**prentiss
DIAZINON 4E INSECTICIDE**

ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS

For Control of Cockroaches, Ants, Silverfish, Carpet Beetles, Spiders, Scorpions and Various Ornamental Pests.

ACTIVE INGREDIENTS:

O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate* 47.5%
Aromatic petroleum derivative solvent 30.0%

INERT INGREDIENTS:

TOTAL: 100.0%

DIAZINON 4E contains 4 lbs. Diazinon Per Gallon.
DIAZINON-REGISTERED TRADEMARK CIBA-GEIGY

E.P.A. REG. NO. 666-467
E.P.A. EST. NO. 666-NJ-1

**KEEP OUT OF REACH OF CHILDREN
WARNING**

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 the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. 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 — Remove contaminated clothing and wash affected areas with soap and water.
If in eyes — Flush eyes with plenty of water. Call a physician if irritation persists.

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. Keep children and pets off treated areas until spray has dried.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds and other wildlife feeding on treated areas may be killed. Keep out of lakes, streams and ponds.

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 product is highly toxic to birds exposed to direct treatment or residues remaining on crops. Do not apply when birds are actively nesting the crop, other 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 bird activity.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. MINIMUM FLASH POINT 105° F.

FOOD AND FEED HANDLING ESTABLISHMENTS — Places other than private residences in which exposed feed is held, processed, prepared or served. **NON-FOOD AREAS** — Includes garbage rooms, lavatories, floor drains (to cover, clean and maintain), office, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling). **FOOD AND FEED AREAS — APPLICATION LIMITED TO CRACKS AND CREVICES & SPOT TREATMENT ONLY** — Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing, etc.) preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation) also would be considered a food area. Apply Diazinon 4E as either a spot or crack and crevice treatment as directed below. Limit spot treatments to floor surfaces where pests have been seen or where they are suspected of hiding. Limit individual spot treatments to an area no larger than 20 per cent of the floor and wall surface. Do not apply to areas, surfaces, or materials which will come in contact with food. Take extreme care to avoid contamination of feed or feed contact surfaces or introducing the material into the air. **FOOD AND FEED AREAS — Spot Treatment** — As a spot treatment, apply 1/4-1% as a contact, low pressure fan spray to floor surfaces areas around water pipes, beneath cabinets, refrigerators, sinks, stove storage areas and similar areas where cockroaches, ants, spiders, and silverfish hide. **Crack and Crevice Treatment** — As a crack and crevice treatment, use equipment capable of delivering a fan stream of insecticide and apply 1/4-1% directly into such spaces as expansion joints between different elements of construction and between equipment bases and the floor, wall boards or in hollow equipment legs. These treatments also aid in the control of pantry pests (exposed stages of granivorous grain beetles, flour beetles, rice weevil, cigarette beetle, drugstore beetle, and Indian meal moth) which come into contact with treated surfaces. Do not use this product in conduits, meter housings, and electrical switch boxes. Repeat applications as necessary.

BEST DOCUMENT AVAILABLE

NET CONTENTS

LOT #



Manufactured by
prentiss
Drug & Chemical Co., Inc.

Plant: 338 Wilson Avenue
Newark, N.J. 07106
Office: 363 7th Avenue

Directions
Spiders and
doors, and
which these

Pantry Pests
Bee Swarms
Apply a 1/4%
suspected a
paper before
dried. Cover
to good luck
within feed

Brown Bag
Diazinon spr
humans, in
areas of the
animal que
formulation
DIAZINON 4E
To control:
Silverfish,
Gloster, Ma
Pantry, etc.
recommend
Do not use
Gardens, in
streams. Use
in 100 gal. a
appear fresh

RATES OF

INSECTS

Aphids
Begrone
Carnation B
Carnation S
Cyclamen M
Detero L
European F
Moth
Surrey P
Pest Beetle
Holly Bud I
Leafminer

Apple-Red
-Stem
Colorado
worms,
Fall Web
Lyonet C

LAWN INSE
To control
Turf, Clay
California
enter the h
house from
Bumble B
blister on
foundation,
where the I

Insects

Lawn Ch

Use High
such as:
Ants, An
Colorado
Cucumber
Earwig,
Red Wet
Beech
Spot (gr
For Law
For Pe
prentiss
Brown C
Chigger
Do not
For Use
near to
blister
Tweezer
April

prentiss DIAZINON-4E INSECTICIDE

ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS

For Control of Cockroaches, Ants, Silverfish, Carpet Beetles, Spiders, Scorpions and 11 of our Ornamental Pests.

ACTIVE INGREDIENTS:

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

DIAZINON-4E contains 48% Diazinon Per Gallon.
DIAZINON-4E REGISTERED TRADEMARK CIBA-GEIGY

E.P.A. REG. NO. 955-657
E.P.A. EST. NO. 955-NJ-1

KEEP OUT OF REACH OF CHILDREN WARNING

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 the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. 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 — Remove contaminated clothing and wash affected areas with soap and water.
If in eyes — Flush eyes with plenty of water. Call a physician if irritation persists.

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. Keep children and pets off treated areas until spray has dried.

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 product is highly toxic to bees exposed to direct treatment or residues remaining on crops. 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding on treated areas may be killed. Keep out of lakes, streams and

PHYSICAL OR CHEMICAL HAZARDS
DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME
MIXTURE FLASH POINT 100°F

FOOD AND FEED HANDLING ESTABLISHMENTS — Places other than private residences in which exposed food is held, processed, prepared or served. **NON-FOOD AREAS** — Includes garbage rooms, lavatories, floor drains (in lower areas and vestibules), office locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling). **FOOD AND FEED AREAS — APPLICATION LIMITED TO CRACKS AND CREVICE & SPOT TREATMENT ONLY** — Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing, etc.) preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation) also would be considered a food area. Apply Diazinon 4E as either a spot or crack and crevice treatment as directed below. Limit spot treatments to floor surfaces where pests have been seen or where they are suspected of hiding. Limit individual spot treatments to an area no larger than 20 per cent of the floor and wall surface. Do not apply in areas, surfaces, or utensils which will come in contact with food. Take extreme care to avoid contamination of food or food contact surfaces or introducing the material into the air. **FOOD AND FEED AREAS — Spot Treatment** — As a spot treatment, apply 1-1½% as a coarse, low pressure fan spray to floor surface areas around water pipes, beneath cabinets, refrigerators, sinks, stove, storage areas and similar areas where cockroaches, ants, spiders, and silverfish hide. **Crack and Crevice Treatment** — As a crack and crevice treatment, use equipment capable of delivering a pin stream of insecticide and apply 1-1½% directly into such spaces as expansion joints between different elements of construction and between equipment bases and the floor, wall boards or in hollow equipment legs. These treatments also aid in the control of pantry pests (exposed stages of stored grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle, and Indian meal moth) which come into contact with treated surfaces. Do not use this product on conduits, water hangings, and electrical switch boxes. Repeat applications as necessary.

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NET CONTENTS

LOT #



Manufactured by

prentiss

Dun & Chemical Co. Inc.

Plant: 338 Wilson Avenue
Newark, N.J. 07108

Office: 363 7th Avenue

Directions For Use (Cont'd.)

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

Pantry Pests—exposed stages (flour-beetle, grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle, Indian meal moth) — Apply a 1% 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 shoving 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% 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. — Arbutus, Apple, Birch, Blackberry, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Holly Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce and Winter apply the recommended rates indicated below. Do not use on certain forms, Forsythia, Hibiscus, Peppercorn, Pines, and Quince, since injury to the plants may occur.

Whitefly — Mix 1/8 oz (1 tablespoon) in 3 gal. water (or 1 qt. in 100 gal. water) and apply as a thorough leaf spray when adults first appear. Make a second and third application at 4-5 week intervals.

RATES OF APPLICATION

INSECTS	Amount of Diazinon 4E to use	per 100 gal. water	
		per 1 gal. water	per 100 gal. water
Aphids	Obscure Root Weevils	1/8 oz *	1 qt.
Begonia	Omivorous Leaf Ties		
Carnation Bud Moths	Pine Weevils		
Carnation Shoot Moths	Scale Crawlers		
Cyclamen Moths	Cottony-Cushion		
Diptera's Leaf Miners	Lichium		
European Pine Shoot	Pine Weevils		
Moths	San Jose Soft Scales		
European Red Mites	Thrips		
Pine Weevils	Two-Spotted Mites		
Holly Bud Moths	Webworms	1/2 oz *	3 pts. *
Leafhoppers	Webworms		
Apple and Thorn Spawners	Oak Looper	1/2 oz *	3 pts. *
Caterpillar Webworms	Obscure-Banded Leaf Miner		
Fall Webworms	Pear Slug	1/2 oz. + 2 bags	10 qt. + 1 qt.
Hemlock Sawflies	Tom Caterpillars		

LAWN INSECTS

To control insects listed, apply recommended rates. For Ants, Brown Dog Ticks, Clover Mites, Cicadas, Earwigs, Fleas, Millipedes, Scabbards, and Caterpillars (Springtails) which are commonly found near the house and may enter the house, spray a 1/2% band of soil around the house, as well as the house foundation with a height of 2-3 ft. Repeat application if necessary. **Beetle Blugs** — Spray bugs outside the house with 1 1/2-2 1/2 oz. (2 1/2-3 1/2 tablespoons) in 1 gal. of water. At the same time, spray thoroughly around foundation, windows, doors, fire holes, and into cracks and other places where the insects hide.

Insects	Rate per 1,000 sq. ft.	
	Diazinon 4E	Water
Lawn Chinch Bugs	2-3 1/2 oz.	20 gals.
	3-6 1/2 oz.	
Use higher rate for larger residual control and in areas of dense growth, such as St. Augustine lawns.		
Ants, Armyworms, Clover Mites, Culex (Springtails), Crickets, Cutworms, Dog Wags, Earwigs, Fire Beet, Lawn Billbugs, Red Webworms (Lawn Moths), Sawflies	4 1/2 oz.	5 gals.
Spot spray Ant Hills and Weevils ground near lawns.		
For Lawn Billbugs, irrigate the lawn thoroughly immediately after treatment. For Fire Beet, 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 oz.	3 gals.
Do not apply to animals.		
For Brown Dog Ticks spray grass and under shrubbery particularly near lawns.		
Milkyweed	8 R. oz.	3 gals.
Phorox Grass Scales	5 R. oz.	20 gals.
Apply when Crawlers first emerge		

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STORAGE AND DISPOSAL

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

Open dumping prohibited.

STORAGE: If container is damaged: STOP any leaks by repositioning the container or by patching or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required to prevent contact with the product or its vapors. Cover the spilled areas with generous amounts of absorbent material, such as clay, diatomaceous earth, sand or sawdust. Sweep the contaminated absorbent on to a shovel and put the sweepings into a salvage drum. Dispose of wastes as below. Place any leaking container into a similar drum or class container. Mark the container with name of product, ingredient statement, precautionary statements, and signal word. Contact us for replacement label. Do not store, use pour or spill near heat or open flame.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, burn. If burned, stay out of smoke.

Do not reuse empty container.

PLASTIC CONTAINERS ONLY: DO NOT STORE IN CAR TRUNK WHERE TEMPERATURES MAY EXCEED 120°F.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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17/9

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Prentiss Drug & Chemical Co., Inc.
C.B. 2000
Floral Park, NY 11001

Attn: Mr. Nick Sanchez

Dear Mr. Sanchez:

Subject: Update Storage and Disposal
Prentox DDVP-Diazinon Bug Killer Pressurized
EPA Reg. No: 655-626
Prentox Residual Concentrate DV-One
EPA Reg. No: 655-441
Prentox Diazinon Diazinon 4E Insecticide
EPA Reg. No: 655-457
Prentox Diazinon 25% E.C.
EPA Reg. No: 655-475
Prentox Diazinon 12 Solution
EPA Reg. No: 655-449
Your Letters of August 1983

The labeling for the product registrations referred to above, submitted in connection with amended registration under PR Notice 83-3 are acceptable, subject to the following comment, and stamped copies are enclosed for your records.

At the next printing of the Prentox Diazinon 12 Solution (EPA Reg. No. 655-449) revise the "If swallowed" STATEMENT OF PRACTICAL TREATMENT as follows:

"If swallowed-Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING: vomiting may cause aspiration pneumonia.

Also revise the "NOTE TO PHYSICIAN" as follows:

"Note to Physician-Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally. If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine."