




DIAZINON[®] 4E

INSECTICIDE

FOR COMMERCIAL-INDUSTRIAL USE ONLY

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

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%

DIAZINON[®] 4E contains 4 lbs. Diazinon per gallon.
DIAZINON — REGISTERED TRADEMARK CIBA-GEIGY

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUTIONARY STATEMENTS

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

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

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. 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.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 10370-39

EPA Est. No. 10370-TX-1

NET CONTENTS: ONE GALLON

LOT # _____

Manufactured by



Chemical & Service, Inc.

8-82

2739 PASADENA BLVD., PASADENA, TEXAS 77502

DIRECTIONS FOR USE

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

HOUSEHOLD INSECTS**

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

Gals. of Finished Spray	Amount Diazinon 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 1/2 tablespoons = 1.25 fl. oz.

**Do not use in commercial food preparation areas or in edible product areas of food processing plants.

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, window and door frames, wall cracks, sleeping quarters of household pets, and localized 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 listed insects on ornamentals — Arborvitae, 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. Do not use on certain Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur.

Mimosa Webworms — Mix 1/2 fl. oz. (1 tablespoon) in 3 gals. water (or 1 pint 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 gals. water
Aphids Bagworms Carnation Bud Mites Carnation Shoot Mites Cyclamen Mites Dipterous Leaf Miners European Pine Shoot Moths European Red Mites Flea Beetles Holly Bud Moths Leaf Hoppers Obscure Root Weevils Omnivorous Leaf Tiers Privet Mites Webworms Scale Crawlers: Cottony-Cushion Lecanium Pine Needle San Jose Soft Scales Thrips Two-Spotted Mites Whiteflies	1/2 fl. oz.	1 pint
Apple-and-Thorn Skeletonizers Conionester Webworms Fall Webworms Hemlock Chermes Oak Looper Tent Caterpillars Oblique-Banded Leaf Rollers Pear Slugs	1 1/2 fl. oz.*	3 pints*

*1 fl. oz. = 2 tbsp.

16 fl. oz. = 1 pint

CONTINUED ON SIDE PANEL

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding on treated areas may be killed. Do not apply directly to 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.

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 timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL AND CHEMICAL HAZARDS

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

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 on the back and side panels.

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 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.

GENERAL DIRECTIONS

It 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 storage and enclosed process 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 $\frac{1}{4}$ % Diazinon spray in small amounts directly into cracks and crevices using equipment capable of delivering a pin 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 where Resistant and Non-Resistant Cockroaches (Waterbugs), Ants, Spiders, and Silverfish hide. Do not use this product in conduits, motor 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 $\frac{1}{4}$ %-1% Diazinon 4E 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.

CONTINUED FROM BACK PANEL

LAWN INSECTS

To control insects listed, 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 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 $1\frac{1}{2}$ to 2 fl. oz. (2½ 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	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, Digger Wasps, Earwigs, Fruit Flies, Lawn Billbugs, Sod Webworms (Lawn Moths), Sowbugs	4 fl. oz.	3 gals.
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Spot spray Ant Hills and Wasp ground nest openings.

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

For Fruit 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, Ticks	1½ fl. oz.	3 gals.
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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.

STORAGE AND DISPOSAL

See Attached Revision
which complies with
P.R. Notice #83-3

COMFILE B:WRNST&DS.LAB #4

PRODUCT: DIAZINON 4-E EPA REG. NO. 10370-39
SIGNAL WORD WARNING:

STORAGE AND DISPOSAL STATEMENT IN LINE WITH PR. NOTICE 83-3
PRODUCT IN A METAL AND/OR PLASTIC CONTAINER:

REVISION**STORAGE AND DISPOSAL**

Do not contaminate water food or feed by storage or disposal. STORAGE: Store product in its original container in a cool, dry, locked, place out of reach of children. PESTICIDE DISPOSAL: Pesticide wastes are toxic. proper disposal of 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 Wastes representative at the nearest EPA Regional Office for guidance. CONTAINER DISPOSAL: Metal or Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill,(Plastic>..or incineration, or, if allowed by State and local authorities by burning. If burned stay out of smoke); or by other procedures approved by State and local authorities.