

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 or base sprays. Pest control operators who prefer to base spray 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.

DIRECTIONS FOR USE

HOUSEHOLD INSECTS

Dilute Diazinon 4E with water to make a 1% or a 1½% Diazinon spray and apply as indicated below.

GALLONS OF FINISHED SPRAY	AMOUNT DIAZINON 4E TO USE PER	
	1% SPRAY	1½% SPRAY
1.25	1 1/8 pts.	2 1/8 pts.
2.5	2 1/4 pts.	4 1/2 pts.
3.75	3 3/8 pts.	6 3/4 pts.
5.0	4 1/2 pts.	9 pts.
7.5	6 3/8 pts.	13 1/2 pts.
10.0	8 1/2 pts.	18 pts.

1 pt. = 16 tablespoons. 1 cup = 8 ounces.

COCKROACHES (WATERBUGS), ANTS and SILVERFISH:

Make spot applications of 1% 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.

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 rice, vegetable storage, packing, canning, bottling, wrapping, boxing, preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas where food is exposed and facility is in operation also would be considered a food area.

Apply 1 to 1½% Diazinon solution in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide in points between different elements of non-structure, between equipment and floors, openings leading to voids and low spaces in walls, equipment legs and bases where cockroaches, ants, spiders and silverfish hide. Also aids in control of pantry pests (exposed stages of sawtooth grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle, and Indian meal moth). Do not use this product in conduits, motor housings and electrical switch boxes.

Caution should be exercised to avoid depositing the product onto exposed surfaces of food and to avoid spraying into the air. Avoid contamination of food and 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.

NOTE: Crummett Diazinon 4E is not recommended for use in conduits, motor housing, junction or switch boxes, because of shock hazard. See directions for use for Crummett Diazinon 2D.

NON-FOOD AREAS —

Includes garages, porches, patios, lawns, lawn care, swimming pools, and washrooms, oil, fuel, water rooms, mechanical rooms, electrical rooms, attics, fire escapes and storage after painting and settling.

Apply 1 to 1½% Diazinon solution as a spot treatment to baseboard areas, around water pipes, surfaces behind and beneath sinks, counters, tables, chairs and stools, and areas around and beneath the front of the refrigerator.

CARPET BEETLES

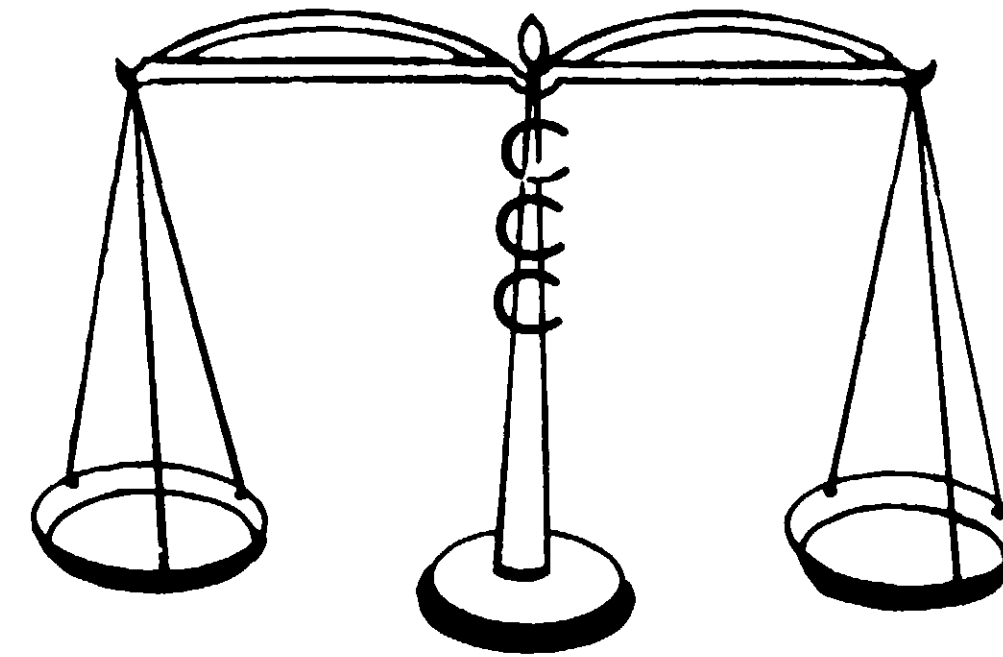
Apply a 1 to 1½% Diazinon spray or spot application to all exposed edges of carpeting, under carpeting and in and around furniture, especially in entry, hall, and wherever these insects are seen or suspected.

SPIDERS AND SCORPIONS

Apply a 1 to 1½% Diazinon spray around windows, doors, and other baseboards. Make spot applications in other areas where any of these insects are found.

Pantry Pests — exposed stages (Sawtooth Grain Beetle, Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth).

Apply a 1 to 1½% spray to shelves and cupboards where food containers (suspected of being infested) are stored. Remove all food and empty paper before spraying. Do not repack the food packages until spray has dried. Cover shelves with shelving paper. This treatment is supplemental to good house-keeping, since it will have no effect on insects breeding within food packages. Infested food packages should be destroyed.



Crummett Chemicals, Inc.

DIAZINON-4E

INSECTICIDE

For use by Pest Control Operators Only.
For Control of cockroaches & other listed household pests,
and turf and ornamental pests.

Active Ingredients:	By Wt.
* O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	47.79%
Aromatic petroleum derivative	
Solvent	30.00
INERT INGREDIENTS	22.21
TOTAL	100.00%

Diazinon 4E contains 4 lbs. Diazinon per gallon.
Diazinon ® TM CIBA-GEIGY Corp.

WARNING

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.
4	5.0 fl. oz.	10.0	fl. oz.
5	6.25 fl. oz.	12.5	fl. oz.
10	12.5 fl. oz.	25.0	fl. oz.
20	25.0 fl. oz.	50.0	fl. oz.
40	50.0 fl. oz.	100.0	fl. oz.
80	100.0 fl. oz.	200.0	fl. oz.

COCKROACHES (WATERBUGS), ANTS and SILVERFISH:
 Make spot applications of 1% 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.

FOOD HANDLING ESTABLISHMENTS
 Places other than private residences in which exposed food is held, prepared, prepared for service, or held for sale.

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 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 1% - 1% Diazinon solution 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 cockroaches, ants, spiders and silverfish hide. Also, aids in control of pantry pests (exposed stages of sawtooth grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle, and Indian meal moth). Do not use this product in conduits, motor housings and electrical switch boxes.

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.

NOTE: Crummett Diazinon 4E is not recommended for use in conduits, motor housing, junction or switch boxes, because of shock hazard. See directions for use for Crummett Diazinon 2D.

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% - 1% Diazinon Solution as a spot treatment 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.

CARPET BEETLES:

Apply a 1% Diazinon spray in spot applications along baseboards and edges of carpeting, under carpeting and rugs and furniture, in closets, on shelves, and wherever these insects are seen or suspected.

SPIDERS AND SCORPIONS:

Apply a 1% Diazinon spray around windows, doors and other openings. Make spot applications to other areas over which they are seen or suspected.

Pantry Pests - Exposed stages (Sawtooth grain beetle, Indian Meal, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth)

Apply a 1% spray to shelves and cupboards where food packages suspected of being infested are stored. Remove all food and the cupboards before spraying. Do not replace the food packages until spray has dried. Cover shelves with shelving paper. This treatment is supplemental to good house-keeping, 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 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 the listed insects on ornamentals: Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorne, Holly, Juniper, Lilac, Rose, Maple, Oak, Pine, Pines, Poplar, Rhododendron, Elm, Spruce, and Willow, apply the formulation in quantities listed below.

Do not use on plants with flowers. Apply to foliage only. See directions for use on the label.

MIMOSA WEBWORMS:

Make 1% - 1% solution in 2 gallons water and spray thoroughly on and apply a thorough foliar spray when adults first appear. Make 1% - 1% and then apply to the foliage of the plant.

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INSECTICIDE

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For Control of cockroaches & other listed household pests, and turf and ornamental pests.

Active Ingredients:	By Wt.
* O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate	47.79%
Aromatic petroleum derivative	
Solvent	30.00
INERT INGREDIENTS	22.21
TOTAL	100.00%

Diazinon 4E contains 4 lbs. Diazinon per gallon.
 Diazinon ® TM CIBA-GEIGY Corp.

WARNING

KEEP OUT OF REACH OF CHILDREN

See Right Panel for Additional Warnings

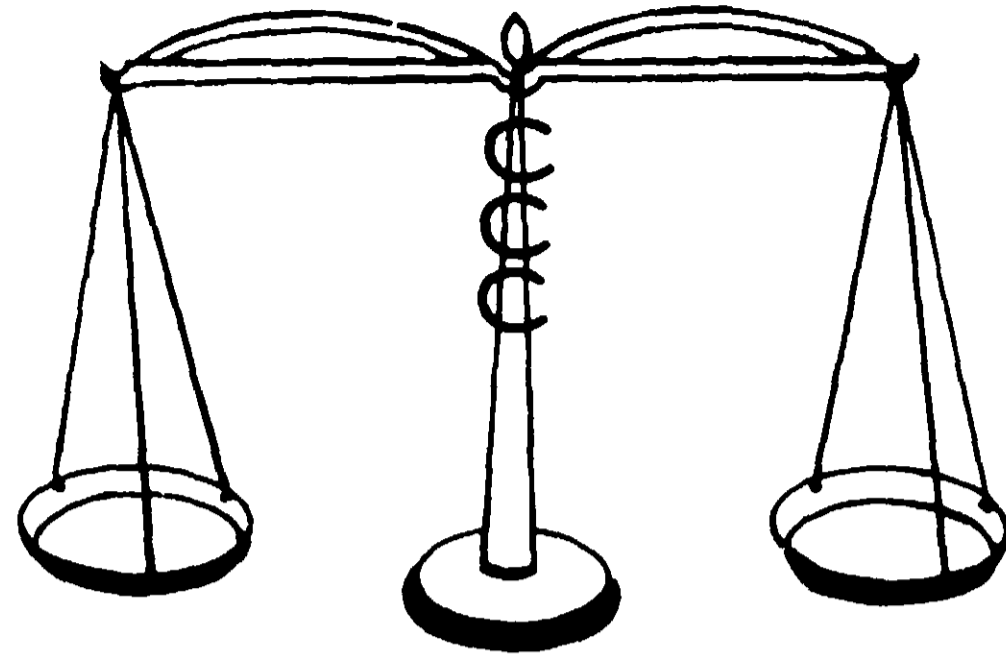
E.P.A. Reg. No. 23304-1

CRUMMETT CHEMICAL, INC.

ORLANDO, FLORIDA 32807

NET CONTENTS

GAL.



Crummett Chemicals, Inc.

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RATES OF APPLICATION

INSECTS	Amt. 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	1/2 fl. oz.	1 pt.
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		
Apple - and Thorn Skeletonizers		
Contoneaster Webworms		
Fall Webworms		
Hemlock Chermes	1/2 fl. oz. *	3 pts.
Oak Loopers		
Oblique - Banded Leaf Rollers		
Pear Slugs		
Tent Caterpillars		

* 1 fl. oz. = 2 tbsps. 1/2 fl. oz. = 1 pt.

LAWN INSECTS

To control insects listed below, apply recommended rates. For Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, 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, to a height of 2-3 ft. Repeat application if necessary.

INSECTS	Rate per 1,000 sq. ft.		Remarks
	DIAZINON 4E	WATER	
Lawn Beach Bugs	2-3 fl. oz. or 2-6 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, Leaf Webworms, Lawn Moths, Sowbugs	4 fl. oz.	3 gals.	Spot spray anthills 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, Leafhoppers, Ticks	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.	
Phores-Grass Scales	5 fl. oz.	25 gals. *	Apply when crawlers first emerge.

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

BOXELDER BUGS

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, tree trunks, and into cracks and other places where insects hide.

WARNING

KEEP OUT OF REACH OF CHILDREN. May be fatal if swallowed. May be fatal if inhaled. Do not breathe spray mist. Do not get in eyes. Do not

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 ORLANDO, FLORIDA 32807

NET CONTENTS

GAL.

Omnivorous Leaf Tiers Pririt Mites Scale Crawlers: Cottony-Cushion Lecanium Pine Needle San Jose Soft Scales Thrips Two-Spotted Mites Webworms Whiteflies	Apple- and Thorn Skeletonizers Contoneaster Webworms Fall Webworms Hemlock Chermes Oak Loopers Oblique-Banded Leaf Rollers Pear Slugs Tent Caterpillars	1 fl. oz. * 3 pts.
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* 1 fl. oz. = 2 tbsp. 16 fl. oz. = 1 pt.

LAWN INSECTS

To control insects listed below, apply recommended rates. For Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, 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. DIAZINON 4E	WATER	Remarks
Lawn Cinch 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, Frit Flies, Lawn Billbugs, Sod Webworms, Lawn Moths, Sowbugs	4 fl. oz.	3 gals.	Spot spray ant hills and wasp ground nest openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment. For fritflies, 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, Leafhoppers, Ticks	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 applications in 3 gals. water per 1,000 sq. ft. and thoroughly water immediately following application.

BOXELDER BUGS

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, tree trunks, and into cracks and other places where insects hide.

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 pet to go into the sprayed area until spray has completely dried.

FISH, WILDLIFE AND ENVIRONMENTAL CAUTION

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Keep out of lakes, streams, and ponds. Do not contaminate water by cleaning of equipment.

This product is highly toxic to bees, except for 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.

Combustible Mixture. Do not use, pour, spill, or store near heat or open flame. Minimum Flash Point: 82°F.

NOTICE OF WARRANTY

Crummett Chemicals makes no warranty, expressed or implied, concerning this product or its use, which extends beyond the statement on this label. Read all directions carefully before use.