



**GENERAL INFORMATION
FOR PEST CONTROL OPERATOR USE ONLY**
Diazinon 4 EC 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 4 EC is not intended for use in preparing oil base sprays. Pest control operators who prefer oil base sprays should use Diazinon S. For use by pest control operators only in controlling cockroaches, certain other household pests and turf and ornamental pests. Follow directions on the Diazinon S product. When Diazinon S is used refer to specific pests and plants listed on label.
NOTE: The solvent used in this formulation is a petroleum distillate which may stain certain plastics, rubber and asphalt materials, 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 4 EC with water to make a 1/2% or 1% Diazinon spray and apply as indicated below:

Gals. of Fin. Spray	Amount of Diazinon 4 EC 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.

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 and stoves.

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.

Spiders and Scorpions:
Apply a 1/2% Diazinon spray around windows, doors, and along baseboards.

Pantry Pests—exposed stages (saw-toothed grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle, Indiana 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 by 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 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. Do not use on certain ferns, poinsettia, hibiscus, papaya, pilea and gardenia, since injury to the plants may occur.



EPA REG.

Diazinon[®] 4EC Insecticide

(Contains 4 lbs. Diazinon per gallon)

ACTIVE INGREDIENTS:	
O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	-----
INERT INGREDIENTS	-----
Diazinon [®] trademark of CIBA-GEIGY	TOTAL

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 skin or on clothing. Wash thoroughly after handling. Avoid contamination of food and feed. Keep out of domestic animals. Do not use on humans, household pets, or livestock. Do not allow children in treated areas until surfaces are dry.

Environmental Cautions:
This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply product only as specified on this label.
This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information be obtained from your cooperative agricultural Extension Service.
Do not reuse empty container. Destroy by perforating or crushing and burying in a safe place.
DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. Minimum Flash Point: 105°

W. R. GRACE & CO.
AGRICULTURAL CHEMICALS
MEMPHIS, TENNESSEE

NET CONTENTS (GALS)

N 19, 1974
2124-80

ACCEPTED WITH COMMENTS

NACO

EPA REG. NO. 2124-804

Diazinon[®] 4EC Insecticide

(Contains 4 lbs. Diazinon per gallon)

INGREDIENTS	BY WT.
O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	47.33%
Aromatic petroleum derivative solvent	30.60%
Other ingredients	22.07%
TOTAL	100.00%

[®] trademark of CIBA-GEIGY

WARNING!

KEEP OUT OF REACH OF CHILDREN

Fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, 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. Allow children in treated areas until surfaces are dry.

Environmental Cautions: This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor runoff in areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your cooperative agricultural Extension Service.

Use empty container. Destroy by perforating or crushing and burying in a safe place. **DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. Minimum Flash Point: 105° F.**

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NOV 19, 1974
2124-804

NET CONTENTS (GALS.)

Comments

Mimosa Webworms:

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

Mix 1/2 fl. oz. (1 tablespoon) of Diazinon 4 EC in 3 gals of water (or 1 pt. in 100 gals. water) for the following insects: Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leaf Mineis, 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.

Mix 1 1/2 fl. oz. per 3 gals. water (or 3 pts. per 100 gals. water) for the following insects: Apple-and-thorn skeletonizers, Cotton-easter Webworms, Fall Webworms, Oak Loopers, Oblique-banded leaf rollers, Pear slugs, Tent Caterpillars.

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 1/4 - 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 the insects hide.

Use the following rates per 1,000 sq. ft. of area:
Lawn Chinch Bugs, 2 - 3 fl. oz. or 3 - 6 fl. oz. in 25 gals.* water.
Use higher rate for longer residual control and in lawns or dense growth such as St. Augustine lawns.

NACO

For Ants, Armyworms, Clover mites, Collembola (Springtails), Crickets, Cutworms, Digger wasps, earwigs, frit flies, lawn billbugs, sod webworms (lawn moths), sowbugs: mix 4 fl. oz. of Diazinon 4 EC to 3 gals. water. Spot spray ant hills and wasp ground nest openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment. For frit flies, mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary.

For Brown dog ticks, Bermuda mites, Chiggers, fleas, leafhoppers, ticks mix 1 1/4 fl. oz. per 3 gals. water. Do not apply to animals. For brown dogs ticks spray grass and under shrubbery, particularly near house.

Millipedes: mix 8 fl. oz. per 3 gals. water.

Rhodes-grass scales: mix 5 fl. oz. per 25 gals. water*. Apply when crawlers first emerge.

*Alternatively, make applications in 3 gals. of water per 1,000 sq. ft. Thoroughly water the treated area immediately following application.

NOTICE: Seller warrants only that the material contained herein conforms to its chemical description and is reasonably fit for the purpose stated on this label when used in accordance with the directions under normal conditions of use. Seller expressly disclaims this warranty and any warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, for any use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to Seller and Buyer assumes the risk of any such use. Any damages arising from a breach of this warranty shall be limited to the purchase price. Seller shall have no responsibility for Buyer's incidental or consequential damages.

ACCEPTED WITH COMMENTS