

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT:

Read the entire DIRECTIONS FOR USE and the CONDITIONS OF SALE AND WARRANTY before using this product.

CONDITIONS OF SALE AND WARRANTY:

The DIRECTIONS FOR USE of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Hub States. All such risks shall be assumed by the buyer.

Hub States warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the DIRECTIONS FOR USE, subject to the inherent risks referred to above. HUB STATES MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. In no case shall Hub States be liable for consequential, special or indirect damages resulting from the use or handling of this product.

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.

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.

Do not use or store near heat or open flame. Minimum Flash Point: 105 Degrees F.

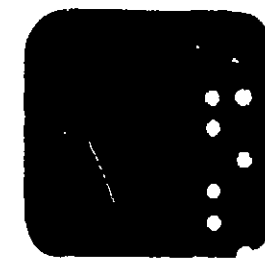
DO NOT USE IN COMMERCIAL FOOD PREPARATION AREAS OR IN EDIBLE PRODUCT AREAS OF FOOD PROCESSING PLANTS.

GENERAL DIRECTIONS:

4 Lb. Emulsifiable Diazinon 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.

4 Lb. Emulsifiable Diazinon is not intended for use in preparing oil base sprays. Pest control operators who prefer oil base sprays should use 4 Lb. Oil Soluble Diazinon.

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.



Hub States Corporation

ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION
2900 North Illinois St., Indianapolis, Ind. 46202 • Phone 317/925-1431

4 LB. EMULSIFIABLE DIAZINON *

For Use by Pest Control Operators Only

For control of cockroaches, certain other household pests, and turf and ornamental Pests

ACTIVE INGREDIENTS:

O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	47.5%
Aromatic petroleum derivative solvent	26.2%
INERT INGREDIENTS:	26.3%
TOTAL	100.00%

Diazinon® trademark of Ciba-Geigy Corporation.

4 Lb. Emulsifiable Diazinon contains 4 lbs. Diazinon per gallon

WARNING: KEEP OUT OF REACH OF CHILDREN
See Side Panel for Additional Cautions

EPA Reg. No. 5602-132 NET CONTENTS

WA-123-73

5602-132
ACCEPTED
JUL 26 1973
THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
REGISTERED
SUBJECT
TO ATTACHED COMMENTS



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 ENVIRONMENTAL SANITATION
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For control of cockroaches, certain other household pests, and turf and ornamental Pests

5602-132
 P T E D
 61973
 FEDERAL INSECTICIDE
 DISTRIBUTION ACT
 REGISTERED
 SUBJECT
 INSECTS

ACTIVE INGREDIENTS:

O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	47.5%
Aromatic petroleum derivative solvent	26.2%
INERT INGREDIENTS:	26.3%
TOTAL	100.00%

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 4 Lb. Emulsifiable Diazinon contains 4 lbs. Diazinon per gallon

WARNING: KEEP OUT OF REACH OF CHILDREN
 See Side Panel for Additional Cautions

EPA Reg. No. 5602-132 NET CONTENTS

WA-123-73

DIRECTIONS FOR USE:

Household Insects: Dilute 4 lb. Emulsifiable Diazinon with water to make a 1/2% or 1% Diazinon spray and apply as indicated below:

GALS. OF FINISHED SPRAY	AMOUNT 4 LB. EMULSIFIABLE 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.

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 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.

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.

INSTRUCTIONS FOR USE:

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

GALS. OF FINISHED SPRAY	AMOUNT 4 LB. EMULSIFIABLE 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.)

*1 teaspoon = 1.25 fl. oz.

Waterbugs, Ants and Silverfish: Make spot applications of 1/2% Diazinon as a coarse spray or apply with a paintbrush to baseboards, areas around water pipes, cracks and crevices, surfaces behind and beneath cabinets, refrigerators, sinks, and similar areas where these insects hide.

Heavy cockroach infestations: make the first application at a strength of 1% Diazinon, followed by monthly applications of 1/2% Diazinon.

Bedbugs: Apply a 1/2% Diazinon spray in spot applications along baseboards and edges of carpeting, under carpeting and under furniture, in closets and on shelving, and wherever these insects are seen or suspected.

Scorpions: Apply a 1/2% Diazinon spray around windows, doors, and along baseboards. Make spot applications to other areas where these pests may crawl.

Foodstuffs - 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. Re-wrap all food and shelving paper before spraying. Do not replace the food packages until spray has dried. Cover shelves with wax 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.

Dog Ticks in Buildings: Make thorough application of a 1/2% Diazinon spray to infested areas around baseboards, window 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.

PLANT INSECTS

Apply to certain insects on ornamentals, such as Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Dogwood, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Yew. Apply the recommended rates indicated below.

Apply to certain Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur.

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 they first appear. Make a second and third application at 4-5 week intervals.

Rates of Application	Amt. of 4 Lb. Emulsifiable Diazinon 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 Scrawlers; Cottony-Cushion Lecanium Pine Needle San Jose Soft Scales Thrips Two-Spotted Mites Webworms Whiteflies	1/2 fl. oz.*	1 pt.
Apple-and-Thorn Skeletonizers Cotoneaster Webworms Fall Webworms Hemlock Cagmes Oak Loopers 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, 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.

Insects	Rate/per 1,000 sq. ft. 4 Lb. Emulsifiable Diazinon Water		Remarks
	per 3 gal. water	per 100 gal. 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, Cotworms, 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 frit 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	1-1/4 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.