PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. 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 OR CHEMICAL HAZARDS

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

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

DIAZINON® 5-4 Insecticide

ACTIVE INGREDIENTS:

O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	47.5%
Aromatic petroleum derivative solvent	30.4%
INERT INGREDIENTS:	22.1%
Total	100.0%

ONLY FOR SALE TO, USE AND STORAGE BY PEST CONTROL OPERATORS

Diazinon E-4 contains 4 lbs. Diazinon per gallon

DIAZINON® is a registered trademark of CIBA-GEIGY CORP.

ACCEPTED
DEC 8 1983
EPA Reg. No. 148-1130

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

EPA Reg. No. 148-1130 EPA Est. No. 655-GA-1

NET CONTENTS GAL. (litres)

P.O. BOX 2383, KANSAS CITY, KANSAS 66110

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

FOR CONTROL OF COCKROACHES, CERTAIN OTHER HOUSEHOLD PESTS, AND TURF AND ORNAMENTAL PESTS.

GENERAL INFORMATION

Diazinon E 4 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 E 4 is not intended for use in preparing oil base sprays Pest control operators who prefer oil base sprays should use Diazinon OS-4

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 wall paper and fabrics When used in dwelling 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

FEED AND FOOD HANDLING ESTABLISHMENTS CRACK AND CREVICE AND SPOT TREATMENTS—Places other than private residences in which food is held processed prepared and or served

For control of [illegible] (Waterbugs), Ants, Spiders, Silverfish and as an aid in the control of Pantry Pests (exposed stages of Saw-Tooth Grain Beetle, Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth)

FOOD AREAS—To [illegible] Raw), packaged (cleaning, shining, [illegible] storage, and processing systems (walls, [illegible] syrups)

FEED AN[illegible] PANTRY [illegible] other [illegible]

SPOT TREATMENT—For [illegible] where pests have [illegible] Exterminate [illegible] Treat [illegible] Place [illegible] contaminate [illegible]

CRACK AND CREVICE TREATMENT—Apply [illegible] amounts directly into cracks and crevices using [illegible] of delivering a fine stream Force [illegible] joints, [illegible] Treat [illegible] Care [illegible] surfaces [illegible] treatment [illegible]

APPLICATION [illegible] EQUIPMENT—[illegible] MAINTAIN [illegible]

[illegible]

NONFOOD AREAS—SPOT TREATMENT—As a spot treatment, apply ½ % as a coarse, low pressure fan spray to floor surface areas around water pipes, beneath cabinets, refrigerators, sinks, stoves, storage areas, and similar areas where cockroaches, ants, spiders and silverfish hide These treatments also aid in the control of pantry pests (exposed stages of sawtooth grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle, and Indian meal moth) which come into contact with treated surfaces Repeat applications as necessary

DO NOT ALLOW CHILDREN IN TREATED AREAS UNTIL SURFACES ARE DRY

HOUSEHOLD INSECTS

Dilute Diazinon E 4 with water to make a ½% to 1% Diazinon spray and apply as indicated

Gals. of Finished Spray	AMOUNT DIAZINON E-4 TO USE FOR: ½% 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)

*2½ tablespoons 1 25 fl oz

Cockroaches (Waterbugs), Ants and Silverfish: Make spot applications of ½% 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 ½% Diazinon

Carpet Beetles Apply a ½% 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 ½% 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 ½% spray to shelves and cupboards where food containers suspected of being infested are stored Refill or discard food packages and spray has dried Cover shelves with shelving paper This treatment is supplemental to good housekeeping Sanitation measures [illegible] insects from getting into food packages Infested food packages should be destroyed

Brown Dog Ticks in Buildings Make thorough application of a ½% Diazinon spray to infested areas around baseboards window and door frames wall cracks sleeping quarters of household pets and wooden furnishings of floors and floor joists Fresh bedding should be provided in animal quarters following treatment Do not treat animals with this formulation

FIRE ANTS

To [illegible] areas apply a ½% Diazinon emulsion at the rate of one gallon of water as a drench Apply [illegible] Repeat as necessary Larger [illegible] Reapply as necessary

NOTE [illegible] weather [illegible] Do not [illegible]

ORNAMENTAL INSECTS

To control certain insects on ornamentals Arborvitae Azalea Birch Boxwood Camellia Carnation Chrysanthemum Douglas Fir Elm Gladiolı Hawthorn Holly Juniper, Lilac Locust Maple, Oak Pine Plum Poplar Rhododendron Rose Spruce and Willow apply the recommended rates indicated in the table

Do not use on certain Ferns, Poinsettia, Hibiscus Papaya Pilea and Gardenia since injury to the plants may occur

Mimosa Webworms: Mix ½ 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

RATES OF APPLICATION—ORNAMENTAL INSECTS

Insects	Amount Diazinon E-4 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 Crawlers Cottony - Cushion Lecanium Pine Needle San Jose Soft Scales Thrips Two Spotted Mites Webworms Whiteflies	½ fl. oz *	1 pt *
Apple and Thorn Skeletonizers Cankerworms Webworms Fall Webworms Hemlock Chermes Oak Leafrollers Obscure Banded Leaf Rollers Pear Slugs Tent Caterpillars	1½ fl oz *	3 pts *

* 16 oz = 2 lbs 16 fl oz = 1 pt

LAWN INSECTS

To control insects listed apply recommended rates as shown in the table 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 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 [illegible] (2½ 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

RATES OF APPLICATION—LAWN INSECTS

Insects	Rate per 1,000 sq ft Diazinon E-4	Water	Remarks
[illegible]	[illegible]	[illegible]	Use higher rate for [illegible] and [illegible]
Ants [illegible]	[illegible]	[illegible]	Spray [illegible] and mound [illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	Apply [illegible]