ID UNDER EPA REG. NO. 3776-42 SUBJECT TO ATTACHED COMMENTS.

DIRECTIONS FOR USE

FOOD HANDLING ESTABLISHMENTS: Places other than private residences, in which food is held, processed, prepared and/or served.

For control of Resistant and Non-resistant Cockroaches (Waterbugs), Ants, Spiders, Scorpions, Silverfish, Pantry Pests (exposed stages), Sawtooth Grain Beetle, Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle and Indian Meal Moth.

FOOD AREAS: Includes receiving, serving, storage (dry, cold, frozen, raw), packaging (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage, enclosed processing systems (mills, dairies, edible oils, syrups).

Apply 0.5% — 1.0% Diazinon spray in small amounts to cracks and crevices where insects hide or through which they may enter buildings. Includes expansion joints, spaces between equipment and floors, and openings leading to voids and hollow spaces in walls, equipment legs and bases.

NON-FOOD AREAS: Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, garages, locker rooms, boiler rooms, mop closets, and storage (after canning or bottling).

Apply 0.5% — 1.0% Diazinon as a coarse spray or apply with a paint brush 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.

Insecticide
Diazinon® 4E

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	30.1%
Inert Ingredients:	22.4%
Total:	100.0%

Diazinon 4E contains 4 lbs. Diazinon per gallon.

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 cothing. 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°F.

EPA Reg. No. 3776-42

Net Contents_____Gallons

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 **MERCURY** or the Seller. All such risks shall be assumed by the Buyer.

MERCURY 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. **MERCURY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty.** In no case shall **MERCURY** or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. **MERCURY** and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions Of Sale And Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of **MERCURY**.

Manufactured and Distributed By

MERCURY CHEMICAL CO., INC.

2443 NORTH CLYBOURN AVENUE **CHICAGO, ILLINOIS 60614**

ACCEPTED WITH COMMENTS

IN ORDER NO. 3776-42 SUBJECT TO ATTACHED COMMENTS.

Insecticide
Diazinon® 4E

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	30.1%
Inert Ingredients:	22.4%
Total:	100.0%

Diazinon 4E contains 4 lbs. Diazinon per gallon.

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 cothing. 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°F.

EPA Reg. No. 3776-42

Net Contents_____Gallons

Manufactured and Distributed By

MERCURY CHEMICAL CO., INC.

2443 NORTH CLYBOURN AVENUE **CHICAGO, ILLINOIS 60614**

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 **MERCURY** or the Seller. All such risks shall be assumed by the Buyer.

MERCURY 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. **MERCURY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty.** In no case shall **MERCURY** or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. **MERCURY** and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions Of Sale And Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of **MERCURY**.

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 oil base sprays. Pest control operators who prefer oil base sprays should use Diazinon 4S.

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.

Directions For Use

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 4E 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)

*2½ 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, [illegible] areas where the [illegible]

For heavy [illegible] make the first spray [illegible] strength of 1% Diazinon [illegible] by monthly applications [illegible] Diazinon.

Carpet Beetles

Apply a 1% Diazinon spray [illegible] spot applications along baseboards and edges of carpeting, under carpeting and rugs and [illegible] closets and on shelving and wherever these insects are seen or suspected.

Spiders and Scorpions

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

[illegible] 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 and Bugs

Make thorough application of a 1% Diazinon spray to infested areas, including baseboards, walls, floors and door frames, wall [illegible] 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, Dogwood, Fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce and Willow apply the rates of application 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 for 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

Insects	Amount Diazinon 4E to use per 3 gal water	per 100 gal water
Aphids, Beetles, Carnation Bud Mites, Carnation Short Mites, Clover Mites, Cyclamen Mites, Dipterous Leaf Miner, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Lesser Bud Weevils, Omnivorous Leaf Tiers, Privet Mites, Scale Crawlers (Cottony Cushion, Lecanium, Pine Needle, San Jose, Soft Scales), Thrips, Two-Spotted Mites, Webworms, Whiteflies	1 tbsp* or 1/2 fl oz	1 pt
Apple and Thorn (See stonizers), Colorado Potato Beetle, Webworms, Fall Webworms, Hemlock Chermes, Gypsy Moth, Oak Leafrollers, Oblique Banded Leaf Rollers, Pear Slugs, Tent Caterpillars	1 tbsp or 1/2 fl oz	3 pts

*1 fl oz = 2 tbsp

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.

Bluegrass Bugs

Spray bugs outside the home with 1 fl oz (2 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 Diazinon 4E	water	Remarks
Lawn Chinch Bugs	2.3 fl oz or 2.6 fl oz	2 gals*	Use higher rate for emergences due to [illegible] dim lawns of dense growth such as St. Augustine lawns
Ants, Armyworms, Clover Mites, Collembola (Springtails), Crickets, Cutworms, Digger Wasps, Earwigs, Fruit Flies, Lawn Rootworms, Sod Webworms (Lawn Moths), Sowbugs	4 fl oz	3 gals	[illegible]
Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers, Ticks	1½ fl oz	3 gals	[illegible] Toxic to animals. [illegible] brown dog ticks spray grass and [illegible] shrubbery particularly in doghouse
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 of water per 1000 sq ft and thoroughly water in immediately following application.

Diazinon® trademark of CIBA-GEIGY
U.S. Patent No. 2,754,243