



# DIAZINON® E-4 INSECTICIDE

FOR USE BY PEST CONTROL OPERATORS ONLY.

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

**WARNING: Keep Out of Reach of Children**

SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.

**ACTIVE INGREDIENTS:**

O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate 47.5%  
Aromatic petroleum derivative solvent 30.4%

**INERT INGREDIENTS:**

Total: 22.1%  
100.0%

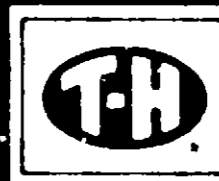
Diazinon E-4 contains 4 lbs. Diazinon per gallon

DIAZINON® is a registered trademark of CIBA-GEIGY CORP.  
U. S. Patent No. 2,754,243

EPA Reg. No. 148-1130

CC-9-74

EPA Est. No. 148-KS-1



THOMPSON HAYWARD  
CHEMICAL COMPANY

P.O. BOX 2383 KANSAS CITY KANSAS 66110

**WARNING: DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME**

May be fatal if swallowed. May be absorbed through skin. Irritates eyes, nose, throat. 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 children. Do not use in homes, houses, or pets, or livestock. Do not permit children to play in the sprayed area until spray has completely dried.

**ENVIRONMENTAL CAUTIONS:**

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife treated areas may be killed. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. 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 product is highly toxic to bees exposed to direct treatment or residue. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Do not use empty containers. Destroy by perforating with a sharp knife and place in a safe place.

**GENERAL INFORMATION**

Diazinon E-4 is a non-flammable liquid containing 4 lbs. of Diazinon per gallon. It is a contact insecticide for use by pest control operators against cockroaches, turkeys, and other household pests.

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**DIRECTIONS FOR USE**

**HOUSEHOLD USE:** For cockroaches, turkeys, and other household pests, apply 1/2 to 1 quart of Diazinon E-4 per gallon of water to the areas where the pests are present.

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**FOOD AREA:** Includes reach-in refrigerators, storage packaging, cleaning, utility, laundry, painting, electrical systems, mills, boilers, and feeders, syring.

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**NOTE:** Use equipment appropriate for the application of this product.

Care should be taken to avoid depositing the product in or on food. Do not contaminate food.

**APPLICATIONS OF THIS PRODUCT IN THE FOOD ESTABLISHMENTS, OTHER THAN AS A CRACK TREATMENT, NOT PERMITTED.**

**DO NOT ALLOW CHILDREN IN TREATED AREAS OF HOUSEHOLD INSECTS**

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**OR OPEN FLAME**

Do not breathe spray mist. After handling, avoid contact with animals. Do not use on or near pets.

For control of Resistant and Non-Resistant Cockroaches (Kleberellas), Ants, Spiders, Silverfish, and as an aid in the control of Pantry Pests - exposed stages Sawtooth Grain Beetle, Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth.

**FOOD AREAS** - Includes: feeding, feeding, storage (Dry, Cold, Frozen, Raw), processing (cleaning, slicing, cooking, grinding), edible waste storage, enclosed processing systems (mills, dairies, edible oils, synaps).

Apply 1/2 - 1% Diazinon sprays as a thin stream to cracks and crevices only where insects hide or through which they may enter the building. Includes expansion joints, spaces between equipment and floors, and openings leading to voids and hollow spaces in walls, equipment legs and bases. Do not use this product in conduits, motor housings, and electrical switch boxes.

**NOTE:** Use equipment capable of delivering a plain stream of insecticide. Care must be taken to avoid depositing the product onto exposed surfaces or into opening the material into the air. Avoid contamination of table or food processing surfaces.

**APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT IS NOT PERMITTED.**

**DO NOT ALLOW CHILDREN IN TREATED AREAS UNTIL SURFACES ARE DRY**

**HOUSEHOLD INSECTS**

Dilute Diazinon 1-4 in water to make a 1/2 to 1% Diazinon spray and apply as follows:

Concentration	AMOUNT DIAZINON PER GALLON OF WATER	PER SQUARE FOOT
1% (1 pt. per gal.)	1.00 pt. (12.8 fl. oz.)	1.00 pt. (12.8 fl. oz.)
1/2% (1/2 pt. per gal.)	0.50 pt. (6.4 fl. oz.)	0.50 pt. (6.4 fl. oz.)
1/4% (1/4 pt. per gal.)	0.25 pt. (3.2 fl. oz.)	0.25 pt. (3.2 fl. oz.)
1/8% (1/8 pt. per gal.)	0.125 pt. (1.6 fl. oz.)	0.125 pt. (1.6 fl. oz.)
1/16% (1/16 pt. per gal.)	0.0625 pt. (0.8 fl. oz.)	0.0625 pt. (0.8 fl. oz.)

1 qt. = 32 fl. oz. = 4 cups

Cockroaches (Waterbugs), Ants and Silverfish. Make spot applications of 1/2 - 1% Diazinon as a coarse spray or apply with a paint brush to baseboards, areas around water pipes, cracks and crevices, spaces 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 two applications of 1/2% Diazinon.

**Carpet Beetles:** Apply a 1/2% Diazinon spray in spot applications along baseboards, under carpeting, under carpeting and under furniture, in closets, under clothing, and wherever these insects are seen or suspected.

**Spiders and Scorpions:** Apply a 1/2% Diazinon spray in spot applications along baseboards, under furniture, and in closets. Make spot applications to the walls, ceiling, and other pertinent areas.

**Pantry Pests - exposed stages:** Sawtooth Grain Beetle, Flour Beetle, Indian Meal Moth, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth. Apply a 1/2% spray to the exposed stages where they are seen or suspected. The infested area should be removed and the product destroyed. Do not replace the food packages until the infestation is completely eliminated. This treatment is supplementary to good housekeeping, which includes regular cleaning of the area and removal of infested material.

**Brown Dog Tick:** Apply a 1/2% Diazinon spray to the baseboards, window sills, and other areas where they are seen or suspected. This treatment is supplementary to good housekeeping, which includes regular cleaning of the area and removal of infested material.

**ORNAMENTAL INSECTS**

To control certain insects on ornamentals, apply a 1/2% Diazinon spray to the foliage, flowers, and other parts of the plant. Do not use on plants in bloom. Do not use on plants in bloom.

**Mimosa Weevil:** Mix 1/2 fl. oz. of Diazinon in 1 gallon of water and apply as a fine spray to the plant. Make spot applications of 1/2% Diazinon at 4-6 week intervals.

**LAWN INSECTS**

To control certain insects on lawns, apply a 1/2% Diazinon spray to the lawn. Do not use on lawns in bloom. Do not use on lawns in bloom.

**RATES OF APPLICATION — ORNAMENTAL INSECTS**

Concentration	AMOUNT DIAZINON PER GALLON OF WATER	PER SQUARE FOOT
1% (1 pt. per gal.)	1.00 pt. (12.8 fl. oz.)	1.00 pt. (12.8 fl. oz.)
1/2% (1/2 pt. per gal.)	0.50 pt. (6.4 fl. oz.)	0.50 pt. (6.4 fl. oz.)
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1/8% (1/8 pt. per gal.)	0.125 pt. (1.6 fl. oz.)	0.125 pt. (1.6 fl. oz.)
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