

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

DEC 6 1982

**WARNING**

Keep out of reach of children.  
May be fatal if swallowed  
May be absorbed through skin.  
May be injurious to eyes and skin.

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

Do not wear contaminated clothing. Do not breathe vapor or spray mist. Wash thoroughly after handling and before eating or smoking. 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 into treated areas until spray has completely dried.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding in treated areas may be killed. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

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. 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 use this product in conduits, motor housings, and electrical switch boxes.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

Storage: Combustible. Keep container closed. Do not store near heat or open flame.

Pesticide Disposal: Pesticide, spray mixture or rinseate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

Container Disposal: Triple rinse or equivalent and offer for recycling or reconditioning, or dispose of in a sanitary land fill, or by other approved State and local procedures.

# PROFESSIONAL ORKIN-AID 4E

Only for sale to, use and storage by Professional  
Pest Control operators, to control cockroaches, cer-  
tain other household pests, as well as lawn pests.

**ACTIVE INGREDIENTS:**

O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	47.5%
Xylene Range Aromatic Solvent	30.4%
<b>INERT INGREDIENTS</b>	<b>22.1%</b>
<b>TOTAL</b>	<b>100.0%</b>

\*Diazinon R—Trademark of CIBA-GEIGY CORPORATION  
U. S. Patent No. 2,754,243

**KEEP OUT OF REACH OF CHILDREN  
WARNING**

**STATEMENT OF PRACTICAL TREATMENT**

If Swallowed—Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled—Remove victim to fresh air. Apply artificial respiration if indicated.

If on Skin—Remove contaminated clothing and wash affected areas with soap and water.

If In Eyes—Flush eyes with plenty of water. Call a physician immediately.

See Side Panel for Additional Precautionary Statements

COMBUSTIBLE LIQUID

NET CONTENTS ( ) GALLONS

EPA Reg. No. 6754-53

EPA Est. No. 6754-GA-1

**NOTICE:**

Because Dettelbach Pesticide Corporation has no control over storage, handling, and conditions of use, which are of critical importance, Dettelbach Pesticide Corporation makes no representation or warranty, either expressed or implied, for results due to misuse, improper handling, or storage of this material. Nor does Dettelbach Pesticide Corporation assume any responsibility for injury to persons, crops, animals, soil, or property arising out of misuse, improper handling, or storage of this material.

**Dettelbach Pesticide Corporation**

4111 PEACHTREE ROAD, N.E. ATLANTA, GEORGIA 30319

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4111 PEACHTREE ROAD, N.E. ATLANTA, GEORGIA 30319

### DIRECTIONS FOR USE

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

#### APPLICATIONS WITHIN FOOD HANDLING ESTABLISHMENTS

Food Handling Establishments—Places other than private residences in which exposed food is held, processed, prepared or served.

#### FOOD AREAS APPLICATION LIMITED TO SPOT AND CRACK AND CREVICE TREATMENT ONLY

Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing) preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups).

Serving areas, (when food is exposed and facility is in operation) also would be considered a food area.

Apply Orkin-Aid 4E as either a spot or crack and crevice treatment as directed below. Limit spot treatments to floor surfaces where pests have been seen or where they are suspected of hiding. Limit individual spot treatments to an area no larger than 20 percent of the floor and wall surface. Do not apply to areas, surfaces, or utensils which will come in contact with food. Take extreme care to avoid contamination of food or food contact surfaces or introducing the material into the air.

**Spot Treatment**—As a spot treatment, apply 0.5-1% 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.

**Crack and Crevice Treatment**—As a crack and crevice treatment, use equipment capable of delivering a pin stream of insecticide and apply 0.5-1% directly into such spaces as expansion joints between different elements of construction and between equipment bases and the floor, wall boards or in hollow equipment legs. These treatments also aid in the control of pantry pests (exposed stages of saw-toothed 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.

#### HOUSEHOLD INSECTS:

Dilute Orkin-Aid 4E with water as indicated by the table to obtain the desired concentration.

Gals of Finished Spray	Fluid Ounces of Diazinon 4E to Use	
	For 0.5% Spray	For 1% Spray
1	1.25	2.5
2	2.5	5.0
3	3.75	7.5

Apply mixed solution as indicated below:

**Cockroaches (Waterbugs) Ants and Silverfish**—Make spot applications of 0.5% Orkin-Aid 4E 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 ants, spray all trails and hills. For heavy cockroach infestations, make the first application at a strength of 1% Orkin-Aid 4E, followed by monthly applications of 0.5% Orkin-Aid 4E.

#### Carpenter Beets

Apply a 0.5% Orkin-Aid 4E 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 0.5% Orkin-Aid 4E 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, Confused Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth)

Apply a 0.5% Orkin-Aid 4E 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 0.5% Orkin-Aid 4E 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.

#### Lawn Insects

To control insects listed below apply recommended rates. 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.

#### Basement Bugs

Spray bugs outside the home with 1.25-2.50 fl. oz. (2.5-5.0 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.		Remarks
	Diazinon 4E	water	
Lawn Chinch Bugs	2-3 fl. oz.	25 gals.	Use higher rate for longer residual control and in lawns of dense growth such as St. Augustine lawns.
	3.6 fl. oz.		
Ants, Armyworms, Clover Mites, Collembola (Springtails), Crickets, Cutworms, Digger Wasps, Earwigs, Fire Fly, Lawn Beetle, Millipedes, Sowbugs, Springtails	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 fire flies mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary.
Brown Dog Ticks, Brown Dog Ticks, Chiggers, Fleas, Millipedes	1.25 fl. oz.	3 gals.	Do not apply to animals. For Brown dog ticks spray grass and other shrubbery particularly near house.
Millipedes	8 fl. oz.	3 gals.	
Red-Backed Grass Stems	5 fl. oz.	25 gals.	Apply when crawlers first emerge.

ACCEPTED with COMMENTS in EPA Letter Dated DEC 6 1982 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 6754-53

vapor or spray drifting or smoking, each of domestic livestock. Do not spray has com-

Birds and other animals should not be applied directly to drift from areas of treatment or disposal.

Do not apply to bees or other beneficial insects in the treatment area to avoid maximum possible bee activity.

The solvent may stain ceilings and floor coverings. Care should be taken to avoid contact with surfaces are dry.

and electrical

disposal.

Do not store near heat

Do not use in areas that cannot be cleaned according to the Conservation and

offer for recycling or by other ap-

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DRP  
11/17/82

DEC 6 1982

Mr. Robert Vallowe  
Dettelbach Pesticide Corporation  
4111 Peachtree Road  
Atlanta, GA 30319

Dear Mr. Vallowe:

Subject: Amendment - Add Spot Treatment in Food Areas  
Professional ORKIN-AID 4E  
EPA Registration No. 6754-53  
Your Application Dated August 9, 1982

The amendment referred to above, submitted in connection with registration under Section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, will be acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If the conditions of this amendment are not complied with after acceptance, the registration will be subject to cancellation in accordance with Section 6(e) of the Act.

2. Make the following revision prior to release for shipment:

Delete "and wall" from the spot application directions in food areas (third paragraph). This is necessary since the food additive petition for diazinon spot application was limited to floor application only due to possible residue considerations. These directions should be modified to read "Application is limited to floor surfaces only and to 20 percent of the surface area. Any individual spot treatment shall not exceed 2 square feet."

Sincerely yours,

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

TS-767C:GTLarocca:DCR-39808:WANG-0858C:rfr:Raven:479-2013:10/26/82  
REVISED 11/4/82:DCR-39812:WANG-1019C:qam  
REVISED 11/12/82:DCR-39820:WANG-1132C:ert