



# DIAZINON 4-E

## INSECTICIDE

For Control of Household Pests, Pests in Food and Feed Handling Establishments, Pests on Home Lawns and Pests of Ornamentals Outside the Home as Specified in Label Directions

Reformulated for Commercial/Industrial Use Only

**THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOO FARMS**

**ACTIVE INGREDIENT:**

DIAZINON: (O,O, diethyl O-(2-isopropyl 6-methyl-4-pyrimidinyl) phosphorothioate) 47.50%

**INERT INGREDIENTS:** 52.50%

TOTAL 100.00%

\*Contains Xylene Range Aromatic Petroleum Distillate - Contains 4 lbs. Diazinon per gallon.

### KEEP OUT OF REACH OF CHILDREN WARNING

"PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente"

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE. Vomiting may cause aspiration pneumonia as product contains petroleum distillate. If it is necessary to induce vomiting give victim 1 or 2 glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing. **IF INHALED:** Remove victim to fresh air and apply artificial respiration if indicated. **IF ON SKIN:** Wash promptly with soap and water. Rinse thoroughly. **IF IN EYES:** Rinse eyes with plenty of water and call a physician immediately.

**Note To Physician:** Solvent may present aspiration hazard. Gastric lavage may be indicated if product was taken internally. This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** May be fatal if swallowed, inhaled or absorbed through the skin. Do not breathe spray mist. Do not get on skin or on clothing. Causes substantial but temporary eye damage. Do not get into eyes. Wear goggles, or safety glasses when mixing or handling the concentrate. Wash thoroughly after handling and before smoking or eating. May cause contact sensitization following repeated contact with skin in susceptible individuals. Avoid repeated contact with skin. If sensitization reactions occur consult a physician. Avoid contamination of food and feed. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. 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 treated areas until spray has dried. Do not contaminate ornamental fish ponds.

### ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Because of the migratory behavior of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York between November 1 and May 20th. Do not exceed maximum permitted label rates. Rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. If waterfowl, i.e. ducks or geese, can be expected in the treated area after treatment (except spot treatment) water lawn with at least 1/4 inch of water immediately after spraying with this product. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming plants. Do not apply this pesticide or allow it to drift to blooming plants if bees are visiting the treatment area.

### PHYSICAL & CHEMICAL HAZARDS

Do not use near, over, or near open flame.

(06-30-81 EPA accept. revoket. with amend. to delete word "inhaled" in 1st sentence in Precautionary Stmt.)

SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO 6720-191

EPA EST. NO. 6720-FL-2

NET CONTENTS 1 GALLON

**SOUTHERN MILL CREEK PRODUCTS CO., INC.**

6414 North 56th Street

TAMPA, FLORIDA 33610 U.S.A.

**BEST AVAILABLE COPY**

**ACCEPTED**  
MAR 17 1993  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 6720-191

Transferred to  
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H. R. MCLANE INC.

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This product is highly toxic to bees exposed to direct treatment or residues on blooming plants. Do not apply this pesticide or allow it to drift to blooming plants if bees are visiting the treatment area.

### PHYSICAL & CHEMICAL HAZARDS

Do not use near open flame or near heat or open flame.

(98-3891 EPA accept. review; with amend. to include word "labeled" in 1st sentence in Precautionary Statement.)

SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO 6720-191

EPA EST. NO. 6720-FL-2

CONTENTS 1 GALLON

## SOUTHERN MILL CREEK PRODUCTS CO., INC.

5414 North 56th Street  
TAMPA, FLORIDA 33610 U.S.A.

# ACCEPTED

MAR 17 1993

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 6720-191

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not use this product through any type of irrigation system.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original labeled container in a cool, dry, locked place out of reach of children. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance. **CONTAINER DISPOSAL:** (Metal) Triple rinse (or equivalent). Then offer for recycling or reconditioning or, purchase and dispose of in a sanitary landfill or by other procedures approved by State and local authorities. (Plastic) - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or purchase and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by low-temperature pyrolysis, if burned stay out of smoke.

### GENERAL INFORMATION

This product is an available concentrate intended for use by pest control operators after dilution with water for the control of the following insects listed below. The product may be used indoors in households, apartments and other structures including schools (except classrooms in use), hospitals (except in patient rooms while occupied), office buildings, museums, libraries, sports facilities, stores, warehouses, and food and feed handling establishments. Read and follow the precautions listed below when applying this product in any of these indoor areas. This product is approved for use in USDA Meat and Poultry Plants. In food and feed areas of food/feed handling establishments, it may be applied only as a crack and crevice treatment or limited spot treatment. Use the specified directions for these uses.

### INDOOR USE - HOUSEHOLD PESTS

For control of Ants, Brown Dog Ticks, Carpet Beetles, Cockroaches (Waterbug), Scorpions and Spiders in households, and in food and feed areas of food handling establishments. This product also kills in the control of the following exposed stages of pantry pests which come into contact with treated surfaces: *Diaperina* Beetle, *Coprosma* Beetle, *Flour Beetle*, *Indian Meal Moth*, *Rice Weevil* and *Sawtoothed Grain Weevil*.

### SAFETY PRECAUTIONS WHEN USING THIS PRODUCT Indoors

- Do not use this product indoors as an overall surface or as a space spray, but use only to introduce the product into the air during application.
- The solvent in this product may soften asphalt, rubber and plastic tiles, baseboards or other such materials. If this is a problem test spray a small area of these materials first. If softening occurs and is undesirable do not treat, or apply sparingly and wipe off visible spray deposit.
- Use only in well ventilated areas.
- Do not apply where children are likely to frequently contact treated surfaces.
- Do not apply this product in patient rooms or in any rooms while occupied by the elderly or infirm.
- Do not apply to classrooms when in use. In institutions (including, but not limited to office buildings, museums, libraries, and sports facilities), do not apply this product where occupants are present in the immediate area.
- Remove or cover fish tanks and remove pets before application.
- Do not treat pets with this product.
- Do not allow children or pets into areas until spray has dried.
- If clothing is sprayed during application remove clothing immediately after spraying and launder before wearing again.
- Care should be taken to avoid soiling of walls, wall coverings, and fabrics.
- Do not apply directly to upholstery or furniture.
- Do not apply to areas, surfaces, or materials which will contact food or feed.
- Any exposed food should be covered or removed during application.
- All food processing surfaces and utensils should be covered during application or thoroughly washed with soap and water before use.
- Do not apply in serving areas while food is exposed or facility is in operation.
- Do not use this product in electrical conduits, meter housings or switches.
- Wear protective gloves when applying with a paint brush.

### HOW TO MIX

Mix this product with water to make a 1/2% or 1% spray solution. To make a 1/2% spray solution add 1 1/4 fl. oz. to each gallon of water. To make a 1% spray solution add 2 1/2 fl. oz. to each gallon of water. **INDOOR USE (Except Food & Feed handling Establishments) - Households, Apartments, and Non-Food areas of Offices, Schools (except classrooms in use), Libraries, Hospitals (except patient rooms while occupied), Museums, and Sports Facilities:** See "Food and Feed Handling Establishments" for special directions when applying this product in food handling or serving areas in non-residential buildings. **COCKROACHES, WATERBUGS, ANTS AND SILVERFISH:** Make spot applications of 1% Diazinon spray on a coarse spray or apply with a paint brush to baseboards, areas around water pipes, crack and crevices, surfaces behind and beneath cabinets, refrigerators, stoves, lockers, tables, tables, and similar areas where insects hide. For heavy cockroach infestations make the first application of a strength of 1% Diazinon spray followed by monthly applications of 1/2% spray.

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**BROWN DOG TICKS:** Apply a 1/2% spray to infested areas, expand household pets and localized areas of floors and floor coverings. Do not use as overall surface spray. Fresh bedding should be placed in animal quarters after treatment. Do not treat animals with this product.

**CARPET BEETLES:** Apply a 1/2% spray in spot applications along baseboards and edges of carpeting, under carpeting, eggs, larvae, in closets and on shaving and wherever these insects are seen or are suspected.

**SPIDERS AND SCORPIONS:** Apply a 1/2% spray around windows, doors, and baseboards. Make spot applications to other areas where these pests may occur.

**PANTRY PESTS:** **EMERALD GREEN SAW TOOTHED GRIN BEETLES, FLOUR BEETLES, RICE WEEVILS, CIGARETTE BEETLES, DRUG STORE BEETLES, INDIAN MEAL MOTHS** apply a 1/2% spray to shelves and cupboards where food containers suspected of being infested are stored. Remove all food and shaking paper before spraying. Do not replace the food packages until the spray has dried. Cover shelves with fresh shaking paper. This treatment is supplemental to good housekeeping, since it will have no effect on insects breeding in food packages. Infested food packages should be destroyed.

**FOOD AND FEED HANDLING ESTABLISHMENTS (FOR CONTROL OF THE ABOVE LISTED PESTS)**

Places other than remote residences in which exposed food is held, processed, prepared or served, (including restaurants, canteens, bakeries, food processing plants, mills, dairies, USDA Meat and Poultry Plants, etc.) This product may be used in the food/food areas and the non-food/food areas of these establishments. Apply either as a limited spot crack and crevice treatment as directed below.

**FOODFEED AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS** Includes areas for receiving, storage, dry, cold, frozen or melted, freezing (canning, bottling, grading), enclosed processing systems (mills, dairies, and systems for processing edible oils and syrups).

**APPLICATION OF THIS PRODUCT IN THE FOOD/FEED AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A CRACK AND CREVICE TREATMENT OR LIMITED SPOT TREATMENT IS NOT PERMITTED.**

**LIMITED SPOT TREATMENTS**  
Apply this product diluted to 1/2% or 1% as a coarse, low pressure, fan spray around water pipes and door frames, to surfaces beneath cabinets, refrigerators, sinks, stoves, storage areas and similar floor areas. Limit the size of all individual spot treatments to an area no larger than 20% of the surface area where insects are suspected of infesting. Any individual spot treatment must not exceed 2 square feet.

**CRACK AND CREVICE TREATMENT**  
Apply this product diluted to 1/2% or 1% with equipment capable of delivering a pin stream of insecticide. Apply in small amounts directly into cracks and crevices in such areas as expansion joints, spaces between equipment and the floor, openings leading to voids, and hollow spaces in walls and equipment legs and bases.

**NON FOOD/NON-FEED AREAS OF FEED/FOOD HANDLING ESTABLISHMENTS**  
Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage areas (after canning or bottling).

**SPOT TREATMENT**  
Apply this product diluted to a 1/2% or 1% spray. Apply as a coarse, low pressure, fan spray as a spot treatment along baseboards, to areas around water pipes, beneath cabinets, to surfaces behind and beneath sinks, lockers and pallets, and to storage areas where cockroaches, ants, silverfish and spiders hide.

**OUTDOOR USES**

For pests on lawns & ornamental plants around the outside of homes. **SAFETY PRECAUTIONS WHEN USING THIS PRODUCT OUTDOORS**

\* Do not use this product on ornamentals or on turf areas other than around the home. \* Read and follow the ENVIRONMENTAL HAZARDS statements on this label in regards to the safety and the protection of Birds, Fish, Wildlife, Waterfowl and Bees. \* Wear a long-sleeved shirt and long legged pants when spraying. Spray with the wind to your back. Do not spray on windy days. If clothing becomes wet from spray during use remove clothing after spraying. Wash affected areas thoroughly with soap and water, and launder clothing before wearing again.

**MINOR PESTS OUTSIDE THE HOME:** For Ants, Ground Squirrels, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Cicadas, Earwigs, Fleas, Millipedes, Sawbugs, Spiders & Springtails; mix 3 fl. oz. in 3 gals. water.

Spray window & door screens, furniture, porch and patios, entranceways, walls, garage area, tree trunks, and cracks and other places where insects can hide. Spray a 5-ft. band of soil around and next to the house foundation and from 2 to 3 ft. high on the foundation wall. Repeat as needed for control.

**PESTS OF ORNAMENTAL PLANTS**

To control certain pests on listed ornamentals, Azaleas, Birch, Boxwood, Camellia, Caroleana, Chrysanthemum, Dogwood, Elm, Gladiolus, Hosta, Iron Holly, Juniper, Lilac, Lizard, Maple, Oak, Pine, Ornamental Plant, Paper, Rhododendron, Rose, Spirea, and Willow apply the recommended rates as indicated in the following chart. Do not use on Ferns, Poinsettias, Hibiscus, Peppers, Pines and Quercus, since injury to the plants may occur. Try to spray prior to the flowering and parasite damage stages.

PESTS	Rate For 3 Gals.	Rate For 100 Gals.
Aphid, Bagworm, Cabbage Root Mite, Cactus Sheet Mite, Clover Mite, Cyclical Mite, Distant Leafminer, European Pine shoot moth, European Red Mite, Flea Beetle, Holly Bud Moth, Leafhopper, Mayfly, Oblique Root Weevil, Ornamental Leafminer, Privet Mite, Scale Crawlers (Cottony-stalked), European Leafminer, Pine needle Sawfly, Thrips, Two Spotted Spider Mite, Juniper Webworm, Whiteflies.	1/2 fl. oz.	1 pint

Apply and Thrip Skeletonizer, Hurdock-Chambers, Oak Looper, Orange-banded Leaf-miner, Pear-Slug, Tort-Cat-worm, Weevils (Colorado and Fall).	1 1/2 fl. oz.	3 pints
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Miscellaneous: Mix 1 tsp. in 3 gals. of water (1 pint in 100 gals. water) and apply as a thorough foliar spray when adults (moths) first appear. Make a second and third application at 4 to 5 week intervals.

**HOME LAWNS**

Includes Bermudagrass, Bermudagrass, Bluegrass, Centipede, Dichondra, Fescue, Maize, Ryegrass, St. Augustine, Zoysia and similar.

Pests	Rate Per 1,000 sq. ft. Area 4-E	Remarks
Lawn Chinch Bug	2-3 fl. oz. 3 gals.	Use the higher rate for longer residual control and in areas of dense growth such as St. Augustine grass.
Yellow Weevil, European Weevil, Flea Beetle, Springtails (Collembola), Cicadas, Caterpillars, Digging Wasp, Earwig, Fall Flea, Lawn Billbug, Leafhopper, Sod Webworm, Sawfly (Pillbug)	2-3 fl. oz. 3 gals.	Spot spray and use and mix ground soil openings. For Digging Wasps, apply at dusk when wasps are not active.
Brown Dog Tick, Chigger, Flea	3 fl. oz. 3 gals.	For Flea Fleas, mow grass and water well before treatment, delay spraying until grass is dry.
Hyperion Weevil	3 fl. oz. 3 gals.	Treat problem areas in mid-April and again in mid-May. Repeat as needed.
Millipede	3 fl. oz. 3 gals.	Apply when scale crawlers first emerge.
White Grubs (such as larvae of Japanese Beetle, European Chaffer, Southern Chaffer)	3 fl. oz. 3 gals.	Water grass thoroughly after application. For all grub control apply when grubs are young and near the surface in late July and early October.

**Fire Ants:** To aid in the control of Imported Fire Ants mix 1 fl. oz. in 1 gal. of water and apply as a second drench. Apply gently over and 6 inches around each mound. Avoid disturbing ants. Reapply as necessary. Use equipment capable of delivering the diluted product as gentle rain at the rate of 1 gallon per mound. High pressure spray may disturb the ants and cause migration reducing product effectiveness. For best results, apply in cool weather, 65 to 80 degrees F or in early morning or late evening hours. Treat new mounds as they appear.

**NOTICE:** This product conforms to its chemical description and is responsibly fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer under either the label or the terms of any such use.