

655-584

09/06/2000

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SEP - 6 2000

Mr. Richard Miller  
Prentiss Incorporated  
C.B. 2000  
Floral Park, NY 11002-2000

Dear Mr. Miller:

Subject: Amendment - Update Storage & Disposal directions  
Prentox Diazinon 1E Insecticide  
EPA Registration Number 655-584  
Your FAX dated June 13, 2000

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable and a stamped copy of the label is enclosed for your records. The following revisions should be made when preparing the actual labeling:

- a) Outdoor pest control other than on home lawns and landscaped areas around the home would render this a Restricted Use Pesticide with the required RUP block at the top of the front panel. If this is not your intention, then you must add the limitation "For pest control indoors including food and feed handling establishments. Outdoors use only on home lawns and landscaped areas around the home.". This statement will take this product out of scope for WPS and therefore you should delete the previously recommended text from "Not for use on..." to "...and grounds."
- b) In the STATEMENT OF PRACTICAL TREATMENT, in the If swallowed advice add "or convulsing" between "unconscious" and "person".
- c) In the Statement of Practical Treatment, add "Get medical attention." at the end of the If Inhaled advice.
- d) In the Statement of Practical Treatment, add "Get medical attention." at the end of the If On Skin advice.

- e) Revise the Note to Physician text to read as follows:  
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. This product contains a xylene range aromatic solvent which may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.
- f) As noted in the Agency's March 30, 1990 letter, there is a lack of supporting product toxicology data for diazinon products at or around 12.5% due to Novartis' (previously Ciba Geigy's) decision to not support their 12.5% diazinon EC due to problems with eye corrosiveness. You have confirmed by FAX that you are not in possession of product specific toxicology data for diazinon products in this range of active ingredient. You will be expected to have a full set of product specific toxicology studies to qualify for reregistration after the RED is issued. The Agency suspects that the signal word for this product will need to be upgraded because of the high percentage of potentially eye corrosive solvent. Until you have generated and submitted those studies and they have been reviewed and accepted by the Agency, the following interim revisions to the beginning of the Hazards to Human & Domestic Animals text is recommended: Replace "Keep out of reach of children. harmful if swallowed. May be absorbed through skin." with "Keep out of reach of children. Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye injury.". Also, at the end of this section add "Do not contaminate food or feed. Food utensils such as spoons or measuring cups should not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds.

Sincerely,

George T. LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division (7505C)

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Prentox Diazinon 1E Insecticide  
EPA Reg. No. 655-584

# P DIAZINON 1E INSECTICIDE

## INSECTICIDE RECOMMENDED FOR COMMERCIAL/INDUSTRIAL USE ONLY.

This product must not be used on golf courses and sod farms.  
Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climate modification and being grown in interior plantcases, ornamental gardens or parks, or on lawns and grounds.  
For control of cockroaches, ants, silverfish, carpet beetles, spiders, scorpions, and turf and ornamental pests.

<b>ACTIVE INGREDIENT:</b>	Diazinon [O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate]	13.20%
<b>INERT INGREDIENTS*</b>		86.80%
	<b>TOTAL</b>	<b>100.00%</b>

\*Contains Xylene Range Aromatic Solvent  
DIAZINON 1E contains 1 lb. Diazinon per gallon.  
PRENTOX® — Registered Trademark of Prentiss Incorporated

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician immediately. Gastric Lavage is indicated if material was taken internally. DO NOT INDUCE vomiting unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one of two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. If inhaled: Remove person to fresh air and apply 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: If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered with atropine.

E.P.A. REG. NO. 655-584

E.P.A. EST. NO. 655-GA-1

Manufactured by:

**PRENTISS INCORPORATED**

Plant: Kaelin Road, Sandersville, GA 31082  
Office: C.B. 2000, Floral Park, NY 11007-2000

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**STORAGE:** If container is damaged: Stop any leaks by repositioning the container or by patching or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required to prevent contact with the product or its vapors. Cover the spilled areas with generous amounts of absorbent material, such as clay, diatomaceous earth, sand, or sawdust. Sweep the contaminated absorbent on to a shovel and put the sweepings into a salvage drum. Dispose of wastes as below. Do not store, use, pour or spill near heat or open flame.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. To avoid harming aquatic organisms in rivers and other surface waters, do not pour the concentrate, spray mixture, or rinse water into sanitary drains (for example, toilets, floor drains, and sinks) or into storm water sewers (for example, street drains). 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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local Authorities.

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
**SEP - 6 2000**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
655-584

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

Keep out of reach of children. harmful if swallowed. May be absorbed through the skin. Do not breathe spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of food and foodstuffs. Do not use on household pets or humans. Do not permit children or pets to go on treated areas until the spray has completely dried. Keep out of reach of domestic animals.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and wildlife. Do not apply directly to water. Do not apply when weather favors drift from treated areas. 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 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.

**HOW TO MIX AND APPLY**

**Number One:**

Determine size of spraying job. For lawns, measure the area to be sprayed. For all other applications, apply as a thorough cover spray. Make application when insects first appear. Repeat application as needed or as noted in the rate chart.

**Number Two:**

Use clean sprayer. Carefully measure and mix the amount of Diazinon and water as suggested in the chart.

**Number Three:**

Spray as directed in the rate chart. Use coarse drenching sprays for lawns, soil and other surface applications. Use medium fine mist sprays for trees and plants. Thorough coverage is important. Flush sprayer with clean water after each use.

**GENERAL INFORMATION**

Diazinon 1E is an emulsifiable solution containing 1 lb. of Diazinon per gallon. It is intended for use after dilution with water for the control of those insects listed below. 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.

**Household Insects\*\***

Dilute Diazinon 1E with water to make a 1/2% or 1% Diazinon spray and apply as indicated below.

Gals. of Finished Spray	Amount Diazinon 1E to use for	
	1/2% spray	1% spray
1	5 fl. oz.	10 fl. oz.
2	10 fl. oz.	20 fl. oz.
3	15 fl. oz.	30 fl. oz.
10	50 fl. oz.	100 fl. oz. (6.4 pts.)
25	125 fl. oz. (8 pts.)	250 fl. oz. (16 pts.)

\*2 1/2 tablespoons = 1.25 fl. oz.

\*\*Do not use in commercial food preparation areas or in edible product areas of food processing plants. Do not apply in serving areas while food is exposed.

**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, 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 1/2% Diazinon.

**Carpet Beetles** — Apply a 1/2% 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 1/2% 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 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 in Buildings** — Make thorough application of a 1/2% Diazinon 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.

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**ORNAMENTAL INSECTS**

To control listed insects on ornamentals — Arbovitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow, apply the recommended rates indicated below. Do not use on certain Ferns, Foinactia, Hibiscus, Papaya, Ficus, and Cordonia, since injury to the plants may occur.

Minness Webworms: Mix 1/2 fl. oz. (1 tablespoon) in 3 gals. of 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 FOR APPLICATION**

INSECTS	Amount Diazinon 1E to use	
	per 3 gal. water	per 100 gal. water
Aphids, Bagworms, Carnation Bud Mites, Cyclamen Mites, Diplarous 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 Scale), Thrips, Two-Spotted Spider Mites, Webworms Whiteflies	2 fl. oz.*	4 pts.
Apple-and-Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hornlock Chermes, Oak Looper, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars	6 fl. oz.*	12 pts.

\*1 fl. oz. = 2 tablespoons

16 fl. oz. = 1 pint

**FIRE ANTS**

To aid in the control of fire ants in lawns and other recreation areas, apply 2 fl. oz. (4 teap.) in a minimum of 1 gal. of water as a trench. Apply over and 6 inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the diluted product as a gentle rain at the rate of 1 gal. per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness. NOTE: For best results, apply in cool weather, 65-80° F, or in early morning or late evening hours. Treat new mounds as they appear.

**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.

**BOXELDER BUGS**

Spray bugs outside the home with 1 1/2 - 2 1/2 fl. oz. (2 1/2 - 5 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/1,000 sq. ft.		Timing/Special Directions
	Diazinon 1E	Water	
Lawn Chinch Bugs	8-12 fl. oz. or 12-24 fl. oz.	25 gals.	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Armyworms, Clover Mites, Collembola (Springtails), Crickets, Cutworms, Digger Wasps, Earwigs, Frit Flies, Lawn Billbugs, Sod Webworms (Lawn Moths), Sowbugs	16 fl. oz.	3 gals.	Spot spray Ant hills and Wasp ground nest openings.  For Lawn Billbugs, irrigate the lawn thoroughly immediately after treatment.  For Frit Flies, mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary.
Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers	5 fl. oz.	3 gals.	Do not apply to animals.  For Brown Dog Ticks spray grass and under shrubbery, particularly near house.
Millipedes	32 fl. oz.	3 gals.	Apply when Crawlers first emerge.
Rhodes Grass Stalks	20 fl. oz.	25 gals.	