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APR 6 1987

Mr. Kevin Miller  
B and G Company  
P.O. Box 20372  
Dallas, TX 75220

Dear Mr. Miller:

Subject: Amendment - Label Update/Solvent Substitution  
B and G Diazinon 4S  
EPA Registration No. 8612-61

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. Submit/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.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. Xylene cannot be included in the Active Ingredient section unless you have information that would support it as an active. Assuming you do not have this supporting information the xylene must be incorporated as part of the Inert Ingredient section. It should appear as follows:
 

INERT INGREDIENTS\* . . . . . 51.3%

\* Contains xylene range aromatic.
  - b. Add the sentence "DO NOT INDUCE VOMITING" to the subheading section "If Swallowed."

86466:Shell:LR-10:KENCO:4/2/87:4/9/87:kim:VO:EK:kim

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CONCURRENCES

SYMBOL	ORIGINATOR						
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- c. Add to the Statement Of Practical Treatment the following subheading and wordings:

**Note to Physicians:** Diazinon 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.

- d. Revise the last sentence of the Precautionary Labeling section to read "Do not allow children or pets in treated . . . ."

Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

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

Enclosure

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COMPANY

# DIAZINON<sup>®</sup> 4S

INSECTICIDE

FOR CONTROL OF COCKROACHES, ANTS, SILVERFISH, SPIDERS, SCORPIONS,  
AND CERTAIN OTHER HOUSEHOLD PESTS AS GIVEN UNDER LABEL DIRECTIONS

ACTIVE INGREDIENTS:

Diazinon-0,0-Diethyl 0-(2-Isopropyl-Methyl-4-Pyrimidinyl) Phosphorothioate ... 78

Xylene Derivative ..... 39.58

INERT INGREDIENTS: ..... 11.83

100.03

Diazinon 4S contains 4lbs. Diazinon per gallon  
Diazinon is a Registered Trademark of Ciba-Geigy

FOR SALE TO, USE AND STORAGE BY COMMERCIAL APPLICATORS ONLY

**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 the 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 PRECAUTIONS

EPA REG. NO. 8612-81  
EPA EST. NO. 8612-TX-1



NET CONTENTS

Label No. 1114731-09

COMPANY  
DALLAS, TEXAS 75220

GALLONS

REGISTERED  
with COMMENTS  
in EPA Letter 7/87

APR 6 1987

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
this product is registered for the pesticide  
classification under EPA Reg. No.  
8612-61

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**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**WARNING**

May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of food and feed. Do not allow children in treated areas until surfaces are dry.

**PHYSICAL OR CHEMICAL HAZARDS**

**WARNING - COMBUSTIBLE MIXTURE.** Minimum flash point - 105° Fahrenheit. Do not 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. **IMPORTANT:** Read these entire directions before using B6G Diazinon 4S.

**GENERAL INFORMATION:** Diazinon 4S is an oil solution containing 4lbs. of Diazinon per gallon. It is intended for use by pest control operators after dilution with insecticidal base oils for the control of those insects listed below. Diazinon 4S is not intended to use in the manufacture of finished products for resale.

**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. 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.

**SPRAY DILUTION CHART**

GALLONS OF FINISHED SPRAY	AMOUNT OF DIAZINON 4S TO USE FOR:	
	1/2% SPRAY	1% SPRAY
1	1 fl. oz.*	2 fl. oz
2	2 fl. oz	4 fl. oz
3	3 fl. oz	6 fl. oz
10	10 fl. oz	(1.25 pts) 20 fl. oz
25	25 fl. oz (1.6 pts)	(3.1 pts) 50 fl. oz
55	55 fl. oz (3.5 pts)	(7.0 pts) 110 fl. oz

\* 2 Tablespoons = 1 fl. oz.      16 fl. oz = 1 pint

**TO CONTROL HOUSEHOLD INSECTS:** Dilute Diazinon 4S with deodorized kerosene or other suitable base oil to make a 1/2% or 1% Diazinon spray and apply as indicated below. Repeat application as necessary.

**COCKROACHES (WATERBUGS), ANTS, 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 baseboards. Make spot applications to other areas over which these pests may crawl.

**DIRECTIONS FOR USE (continued)**

**PANTRY PESTS - EXPOSED STAGES (Saw-toothed Grain Beetle, Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth:** Apply a 1/2% Diazinon 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 covering. Fresh bedding should be placed in animal quarters following treatment. Do not treat animals with this formulation.

**NOTE:** Diazinon 4S is not recommended for use in conduits, meter housings, junction or switch boxes because of shock hazard.

Before using Diazinon 4S, read and carefully observe the warning and notice statements and all other information appearing on the product label.

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

**APPLICATIONS WITHIN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS:** 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) would also be considered a food area.

Apply a 1/2% to 1% Diazinon 4S spray in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases, where cockroaches, ants, silverfish, spiders, scorpions and the exposed stages of saw-toothed grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle and Indian meal moth hide.

Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

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

**STORAGE AND DISPOSAL**

**DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL**

**STORAGE** Store in original container in an area inaccessible to children and pets.

**PESTICIDE DISPOSAL** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or misate 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.** Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state or local authorities, by burning. If burned, stay out of smoke.

**NOTICE**

Seller's guarantee shall be limited to the terms of this label, and subject thereto, the buyer assumes any risks to persons or property arising out of the use or handling and accepts the product on these conditions.

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