

Insecticide

For use in the home

For control of Cockroaches, Silverfish, Brown Dog Ticks, Crickets, Spiders, Earwigs and other insects as specified in label directions.

Ready-to-Use Formula in a Ready-To-Use Container

Active Ingredient:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate 0.50%

Inert Ingredients: 99.50%

Total: 100.00%

Residual Killing Power Formula

KEEP OUT OF REACH OF CHILDREN.

CAUTION ACCEPTED

See additional precautionary statements on back panel.

EPA Reg. No. 100-659
EPA Est.

JUN - 4 1990
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 100-659

**One Pint 6 fl. oz.
Net Contents**

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. CIBA-GEIGY makes no

other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

DIRECTIONS FOR USE

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

General information

D-z-n 0.5 RTU is a ready to use product in a ready to use container. No mixing is required. Hold the container upright and lightly spray surfaces until wet according to the directions for use. A slight film will appear upon drying, leaving residual killing power. This product may be used inside the home.

INDOOR USE

Controls

Cockroaches (waterbugs), ants, firebrats, silverfish, brown dog ticks, springtails, spiders, crickets, earwigs, sowbugs (pillbugs), carpet beetles.

Precautions: (1) Do not use this product indoors as an overall surface spray or as a space spray; take care not to introduce this product into the air during application. (2) Use only in well-ventilated areas. (3) Do not apply where children are likely to frequently contact treated surfaces. (4) Remove or cover fish bowls and remove pets before application. (5) Do not treat pets or plants with this product. (6) Do not allow children or pets in treated areas until spray has dried. (7) If clothing is sprayed during application, remove clothing immediately after spraying and launder before wearing again. (8) Avoid excessive wetting of carpets or floor coverings and unfinished materials. (9) Care should be taken to avoid spotting of walls, wall coverings, and fabrics. (10) Do not apply directly to upholstery, furniture, leather, draperies, or stained surfaces because damage may occur. (11) Do not apply to areas, surfaces, or utensils which will contact food or feed. (12) Exposed food should be covered or removed during application. (13) All food processing surfaces and utensils should be covered during application or thoroughly washed with soap and water before reuse. (14) Do not use in edible product areas of food processing plants, restaurants, or other areas where food or feed is commercially prepared or processed. Do not use in serving areas while food is exposed. (15) Do not use this product in outlets, motor housings or electrical switch boxes.

Application

Cockroaches (Waterbugs), Ants, Firebrats, Silverfish, Sowbugs (Pillbugs), Springtails, Spiders, Crickets, Earwigs: As a supplement to good housekeeping, spray until wet, surfaces behind and beneath cabinets, refrigerators, sinks and stoves, as well as ant trails, and other localized areas where insects tend to hide. Discard infested food packages.

BEST AVAILABLE COPY

crevices along baseboard moldings. Repeat as necessary.

Carpet beetles: Make localized application to areas of the floor and baseboards. Spray directly into cracks and under carpets where insects may be found. Treat crevices, cracks, and infested areas of shelving in closets. Repeat as necessary.

Brown dog ticks, Fleas*: Spray infested areas around baseboards, window and door frames, wall cracks, sleeping quarters of pets, and localized areas of floors and floor coverings. Repeat as necessary. Fresh bedding should be placed in animal quarters after treatment. Do not treat animals with this product or use as an overall surface spray.

*Controls adult fleas on areas treated.

Spiders: Apply spray around windows, doors, and along baseboards. Make spot applications to other areas over which these pests may crawl.

Do not use in edible product areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in areas where food is exposed.

Storage and Disposal

Storage

Keep from freezing. Store above 32°F. Store in an area inaccessible to children and pets.

Disposal

Do not reuse empty container. Rinse container thoroughly, then wrap securely in several layers of newspaper. Discard in trash collection.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during clean-up and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372 day or night.

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapor and contact with eyes, skin and clothing. Wash thoroughly after handling and before smoking or eating. May cause contact sensitization following repeated contact with the skin of susceptible individuals. Avoid repeated contact with skin. If sensitization reactions result, consult a physician. Remove pets from area and cover fish bowls before spraying. Keep children and pets off treated areas until the areas are dry.

Statement of Practical Treatment

If swallowed: Call a physician or Poison Control Center immediately. Give milk or water. DO NOT INDUCE VOMITING unless no other treatment is available, and then preferably under medical supervision. If it is necessary to induce vomiting, give victim one or two 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. Get medical attention if irritation develops or persists.

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

D-z-n® trademark of CIBA-GEIGY for diazinon

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Agricultural Division
CIBA-GEIGY Corporation
Greensboro, North Carolina 27419
CGA 1L13B 040

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OCT - 4 1991

Ms. Carolyn Bussey
Ciba-Geigy Corporation
P.O. Box 18300
Greensboro, NC 27419-8300

Dear Ms. Bussey:

Subject: Revised Confidential Statement of Formula
D.z.n 0.5 RTU
EPA Reg. No. 100-659
Your submission dated June 21, 1991

The Agency has completed its review of the revised Confidential Statement of Formula (CSF) expressing the percentage of diazinon as pure active ingredient, rather than as the percentage of the manufacturing-use product used, which was submitted as a follow-up to your meeting with the Agency's Product Chemistry Section on May 8, 1991. The CSF dated 6/21/91 is the only CSF that is current. All previous CSFs are obsolete. The Agency assumes that you have efficacy data to show that this product will still be effective if produced at the revised lower certified limit.

As pointed out in the Agency's letter dated February 19, 1991, the Diazinon Registration Standard stipulated in the requirements for product specific chemistry data for end-use products (Table C) that the Discussion of the Formation of Impurities (61-3) must specifically address the formation of diazoxon, TEPP, and its sulfur derivatives. Furthermore, the requirement for Certification of Ingredient Limits (62-2) specifically requires that certified upper limits for each toxicologically significant impurity present at < 0.1% (w/w) must appear on the CSF (i.e., certified upper limits for the same impurities that must be specifically addressed under 61-3 [diazoxon, TEPP, and its sulfur derivatives] must appear on the CSF form if they are present in any amount). Ciba-Geigy indicated in the May 8, 1991 meeting that these impurities would indeed be present in very small amounts in diazinon end-use products, because they are present in small amounts in the manufacturing use product from which they are derived, and that detectable levels had been observed in the storage stability

studies on end-use products. Although you indicated at the May 8, 1991 meeting that Ciba-Geigy's chemistry section would begin work on these specific requirements immediately, to date the Agency has not received revised Discussions of Formation of Impurities (61-3) and revised CSFs including the upper certified limits for the toxicologically significant impurities (62-2) for your diazinon end-use products, including the subject product. Please respond to this deficiency **within 60 days** of the date of this letter. A revised Discussion of the Formation of Impurities (61-3), specifically addressing those toxicologically significant impurities identified in the Diazinon Registration Standard, must be submitted. A revised Confidential Statement of Formula, EPA Form 8570-4 (revised 2/85), including certified upper limits for any toxicologically significant impurities present, must also be submitted.

Sincerely yours,

George T. LaRocca
Product Manager (13)
Insecticide Rodenticide Branch
Registration Division (H7505C)

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Application

Cockroaches (Waterbugs), Ants, Firebrats, Silverfish, Sowbugs (Pillbugs), Springtails, Spiders, Crickets, Earwigs: As a supplement to good housekeeping, spray until wet, surfaces behind and beneath cabinets, refrigerators, sinks and stoves, as well as ant trails, and other localized areas where insects tend to hide. Discard infested food packages.

vice locations such as voids around water pipes, cracks, and crevices along baseboard moldings. Repeat as necessary.

Carpet beetles: Make localized application to areas of the floor and baseboards. Spray directly into cracks and under carpets where insects may be found. Treat crevices, cracks, and infested areas of shelving in closets. Repeat as necessary.

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Hazards to Humans and Domestic Animals

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