

FEB 24 1997

Stan Iversen
Cardinal Chemical Company
1233 E. Beamer Street, Suite G
Woodland, CA 95776

Dear Mr. Iversen:

Subject: Revised Product Labeling
Cardinal Food Plant Concentrate Fogging Insecticide
EPA Registration Number 5440-117
Submission Dated January 27, 1997

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the following comment:

1. In the Directions for Use as a Space Spray, revise the application rate to read "one ounce per 1000 cubic feet of space" rather than "1/2 ounce per 1000 cubic feet of space". Reducing the application rate by 50 percent would require the submission of new efficacy/product performance data.

A stamped copy of the label is enclosed. Submit three copies of revised final printed labeling prior to releasing product for shipment.

If you have any questions or comments, please contact me at (703) 305-6788.

Sincerely yours,

RPK

Richard P. Keigwin, Jr.
Product Manager 10
Insecticide-Rodenticide Branch
Registration Division

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CARDINAL

FOOD PLANT CONCENTRATED FOGGING INSECTICIDE

DESIGNED FOR USE IN EDIBLE PRODUCT AREAS OF OFFICIAL ESTABLISHMENTS OPERATING UNDER THE MEAT, POULTRY, SHELL EGG GRADING AND EGG PRODUCTS INSPECTION PROGRAM AND OTHER FOOD PROCESSING PLANTS. APPLY WITH EQUIPMENT DESIGNED AND ADJUSTED TO DELIVER A TRUE AEROSOL MIST.

| | |
|--------------------------------|---------|
| ACTIVE INGREDIENTS | |
| Pyrethrins | 0.50% |
| Piperonyl Butoxide, Technical* | 5.00% |
| INERT INGREDIENTS** | 94.00% |
| TOTAL | 100.00% |

- * Equivalent to 4.0% (butylcarbityl) (5-propylpiperonyl) Ether and 1.0% related compounds.
- ** Contains Petroleum Distillates.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IF ON SKIN: Wash skin with plenty of soap and water. Get medical attention if irritation persists.-

See Side Panel For Additional Precautionary Statements.

CARDINAL CHEMICAL COMPANY

1233 E. Beamer Street, Suite G - Woodland, CA 95776

E.P.A. EST. NO. 5440-CA-1

E.P.A. REG. NO. 5440-117

ACCEPTED
with COMMENTS
in EPA Letter Dated

FEB 24 1997
Under the Federal Insecticide,
Fungicide and Rodenticide Act
and the Federal Insecticide
registered under EPA Reg. No.
5440-117

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

CAUTION

HARMFUL IF SWALLOWED OR INHALED. AVOID BREATHING VAPORS OR SPRAY MIST. AVOID CONTACT WITH SKIN, EYES, OR CLOTHING. WEAR MASK OR RESPIRATOR OF TYPE RECOMMENDED BY NIOSH (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH) TO GIVE ADEQUATE PROTECTION AGAINST THIS MATERIAL. WEAR PROTECTIVE CLOTHING. WASH EXPOSED SKIN WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING. REMOVE CONTAMINATED CLOTHING AND WASH CLOTHING BEFORE REUSE.

ALL FOOD PROCESSING SURFACES SHOULD BE COVERED DURING TREATMENT OR THOROUGHLY CLEANED WITH AN EFFECTIVE CLEANSER AND RINSED WITH POTABLE WATER BEFORE USING.

REMOVE PETS AND BIRDS AND COVER FISH AQUARIUMS BEFORE SPRAYING.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL/CHEMICAL HAZARDS

Combustible. Extinguish open flame before space spraying. 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.

Do not apply directly to food. In commercial food handling facilities, cover or remove any food and food processing equipment before application. Do not apply while food processing is underway. After space spraying in meat packing plants, bakeries, and other food processing plants, all equipment, benches, shelving, etc. where food will be handled must be washed with an effective cleaning compound and rinsed with potable water.

SPACE SPRAY: For control of accessible, exposed stages of flies, including cheese skippers, fruit flies, gnats, hornets, mosquitoes, small flying moths, wasps, and these common stored product pests: Angoumois grain moths, confused flour beetles, drugstore beetles, grain mites, granary weevils, Indian meal moths, meal worms, Mediterranean flour moths, rice weevils, and tobacco moths.

Directions Continued, Third Column

SPACE SPRAY, Continued: Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns).

Apply at a rate of 1/2 ounce per 1000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area and behind obstructions. For best control of wasps and hornets, apply directly to nests in the evening when the insects have returned to the nests. Vacate the treated area and ventilate before reoccupying.

After spraying, all equipment, benches, shelving, etc. where food will be handled must be washed with an effective cleaning compound and rinsed with potable water.

Repeat treatment as necessary.

SPACE AND CONTACT SPRAY: For control of accessible exposed stages of ants, cheese mites, clover mites, crickets, cockroaches, earwigs, scorpions, silverfish, spiders.

Cover or remove any food and food processing equipment before application. First, using equipment which can deliver a pin spray, direct spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects are known to seek shelter. Contact as many insects as possible, spray directly all ant trails. Then, closing all doors, windows and ventilating systems, proceed with space spraying directions as given above.

Use a dosage rate of 1 ounce per 1,000 cubic feet of space. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying.

After treatment, all equipment, benches, shelving, etc. where food will be handled must be washed with an effective cleaning compound and rinsed with potable water.

Repeat treatment as necessary.

STORAGE AND DISPOSAL

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

STORAGE: Store product in original 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 puncture 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 puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stand out of smoke.

STATEMENT OF WARRANTY AND LIABILITY: Seller warrants that this product complies with the specifications expressed in this label. SELLER MAKES NO OTHER WARRANTIES, AND DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE INTENDED PURPOSE. Seller's liability for default, breach or failure under this label shall be limited to the amount of the purchase price. Seller shall have no liability for consequential damages.

Jan. 1997