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OCT 15 1986

Mr. Gary Hutton
Hub States Corporation
419 East Washington Street
Indianapolis, IN 46204

Dear Mr. Hutton:

Subject: Amendment - Update Formula and Label
EPA Registration No. 5602-97
Your Applications Dated November 7 and December 27, 1985 and
January 27 and April 15, 1986

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

A. Please make the following changes at the next printing of your label.

1. Present first active ingredient as "Chlorpyrifos: O,O-Diethyl O-(3,5,6-trichlor-2-pyridyl)phosphorothioate."
2. Present second active ingredient as "Dichlorvos: 2,2-Dichlorovinyl dimethyl phosphate."
3. Add "artificial" before "respiration" in the If Inhaled section.
4. The respirator advice should be revised to reflect the current names of the regulating agencies as follows:

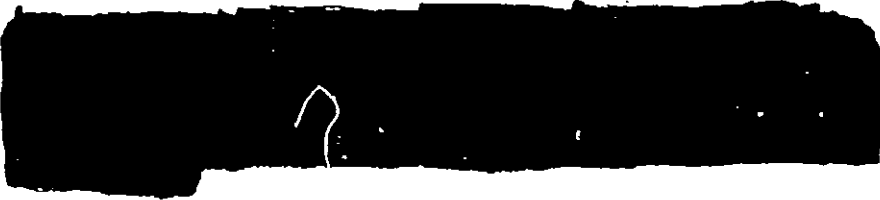
Wear a respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health for pesticide application under the provisions of 30 CFR Part 11.

86063:Newkirk:LR-9:KENCO:5/30/86:6/5/86:MCF:ejh
R:86127:Newkirk:LR-9:KENCO:6/30/86:7/10/86:DAA:VO

CONCURRENCES

SYMBOL ▶								
SURNAME ▶	Newkirk, G							
DATE ▶	7-2-86							

5.



Inert Ingredients* 75.38%

*Contains xylene

- B. Please provide a corrected Confidential Statement of Formula. The figures in the "percent by weight" column should be in proportion to those in the "amount as added" column.
- C. The information from your supplier, Alpine Aromatic International, Inc., has been received and made a part of the registration record for this product.

Sincerely yours,

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

Enclosure

Hub States Corporation
 EVERY PRODUCT . . . "Always A Winner"
 Indianapolis, IN 46204

DI-TOX E



CONTROLS PESTS OF HOUSEHOLDS (COCKROACHES, ANTS, BROWN DOG TICKS, SILVERFISH, SPIDERS), CRICKETS, FLEAS, FIRE-
 BRATS, SAWTOOTH GRAIN BEETLE, FLOUR BEETLE, RICE WEEVIL, CIGARETTE BEETLE, DRUGSTORE BEETLE, INDIAN MEAL MOTH.

To Be Applied Only By or Under the Supervision of Pest Control Operators, Public Health Organizations, and
 Other Trained Personnel Responsible for Insect Control Programs.

ACTIVE INGREDIENTS	BY WT.
O, O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate	12.31%
2,4-Dichlorovinyl dimethyl phosphate	11.45%
Related compounds	0.88%
INERT INGREDIENTS	75.36%
	Total 100.00%

DANGER KEEP OUT OF REACH OF CHILDREN

POISON

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 respiration if indicated.
IF ON SKIN • Remove contaminated clothing and wash affected areas with soap and water.
IF IN EYES • Flush eyes for at least 15 minutes with water. Call a physician immediately.

NOTE TO PHYSICIAN: DI-TOX E is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote. 2-PAM is also antidotal and may be administered in conjunction with Atropine.
 (See side panels for additional precautions.)

PRODUCT OF: HUB STATES CORP.
 INDIANAPOLIS, IN.
 EPA EST. NO. 5602-11-01 EPA REG. NO. 5602-97 NET CONTENTS: 1 GALLON

DIRECTIONS FOR USE
 IT IS A VIOLATION OF FEDERAL LAW TO USE THIS
 INCONSISTENT WITH ITS LABELING.

SPOT TREATMENT ONLY
 Di-Tox E insecticide mixes readily with water or amount of Di-Tox E in water or in a base oil such as No. 2 fuel oil. Mix according to the following: 0.25% Chlorpyrifos and 0.25% DDVP Vapona for cockroach infestations and the lower concentration of Chlorpyrifos on light infestations.

(A) Conc. Desired	WATER EMULSION	
	Amount Required for 1 Gal.	6 Gals.
0.25% Chlorpyrifos & 0.25% DDVP Vapona	2 3/4 Oz.	1 Pt.
0.5% Chlorpyrifos & 0.5% DDVP Vapona	5 1/2 Oz.	1 Qt.
(A) Conc. Desired	OIL SOLUTION	
	Amount Required for 1 Gal.	6 Gals.
0.25% Chlorpyrifos & 0.25% DDVP Vapona	2 1/2 Oz.	13 1/2 Oz.
0.5% Chlorpyrifos & 0.5% DDVP Vapona	4 1/2 Oz.	1 Pt. 10 Oz.

FOOD HANDLING ESTABLISHMENTS: Places other in which exposed food is held, processed, prepared, held for sale, or offered for sale. **FOOD AREAS APPLICATION LIMITED TO CRACK AND CREVICES:** Includes areas for receiving, storage, packaging, wrapping, boxing) preparing, edible waste storage systems (mills, dairies, edible oils, syrups) where food is exposed and facility is in operation as a food area).

Apply a small amount of material in a .25% oil stream of insecticide in points between different pieces of equipment and floors, openings in low spaces in walls, equipment legs and bases, junctions of switch boxes where cockroaches, and silverfish hide. Prior to application de-energize electrical equipment. After application, allow time for oil to evaporate or place electrical equipment in the "ON" position. Use around electrical equipment. Do not use water motor housing and electrical switch boxes. Aids pests (exposed stages of sawtooth grain beetle, cigarette beetle, drugstore beetle and Indian meal moth) contact with treated surfaces. Care should be taken to avoid contact with treated surfaces or into the air. Avoid contamination of food processing areas. **APPLICATIONS OF THIS PRODUCT IN THE FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.** Directions continue on side panels.

ACCEPTED
with COMMENTS
by EPA Letter Dated:

OCT 15 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
56002-97

 **Hub States Corporation**
EVERY PRODUCT ... "Always A Winner"
Indianapolis, IN 46204

DI-TOX E



CONTROL PESTS OF HOUSEHOLDS (COCKROACHES, ANTS, BROWN DOG TICKS, SILVERFISH, SPIDERS, CRICKETS, FLEAS, FIREBRATS, SAWTOOTH GRAIN BEETLE, FLOUR BEETLE, RICE WEEVIL, CIGARETTE BEETLE, DRUGSTORE BEETLE, INDIAN MEAL MOTH,

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INDIANAPOLIS, IN.

FPA EST. NO. 8602-IN-01 EPA REG. NO. 6602-97 NET CONTENTS: 1 GALLON

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (& DOMESTIC ANIMALS) DANGER

Fatal if swallowed, inhaled or absorbed through skin. Do not wear contaminated clothing. May be irritating to eyes and skin. Wash thoroughly after handling. Do not breathe vapor or spray mist. Keep away from food, feed-stuffs and water supplies. Do not let children or pets contact treated area until thoroughly dry. Mix the concentrate outdoors or in a well ventilated room. Wash all contaminated clothing with soap & hot water before reuse. Wear natural rubber gloves, protective clothing, goggles and mask or respirator of the type approved for use by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 115 for protection against DDVP when handling the concentrate to prepare emulsions.

DIRECTIONS FOR USE CONTINUED

INDOOR APPLICATION: Residential and Commercial — Use as a spot treatment by applying as a coarse spray or with a paint brush to areas where cockroaches normally are found. These areas include dark corners of rooms and closets, at the base of walls, in cracks in the wall, behind baseboards, behind and beneath sinks, refrigerators, stoves and cabinets and around drainpipes. Spraying unloading docks and outside areas (when no food is exposed) where insects congregate will aid in preventing re-infestations. Good sanitation and proper disposal of wastes is essential in any effective insect control program. **NOTE:** A period of 4 to 7 days after treatment is normally required for maximum effect on cockroaches. **ANTS/CRICKETS, FLEAS, FIREBRATS, SILVERFISH, SPIDERS:** Use a 0.25% spray to control light infestations and a 0.5% spray to quickly reduce heavy infestations. Apply as a coarse spray or with a paint brush to localized areas where these pests are found or normally occur, including dark corners of rooms and closets, cracks and crevices in walls, along and behind baseboards; beneath and behind sinks, stoves, refrigerators and cabinets; around plumbing and other utility installations. For ants apply to ant trails, also around doors and windows and wherever else these pests may find entrance. **BROWN DOG TICKS:** Thoroughly apply a 0.5% spray as a spot treatment to infested areas such as pet beds and resting quarters; nearby cracks and crevices along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. **DO NOT TREAT PETS WITH THIS PRODUCT.**

STORAGE AND DISPOSAL

- 1) PROHIBITIONS:** DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED.
- 2) PESTICIDE STORAGE:** Do not store with food, feed, drugs, or clothing. Store securely, away from children and animals. Do not store with other pesticides and fertilizers. Store in original container in a closed container. Store above 50°F.
- 3) PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or dilute solution 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.
- 4) CONTAINER DISPOSAL:** 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, stay out of smoke. METALS: 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.

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes risk of any such use.

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