

1057

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

45385-64

DATE OF ISSUANCE

JUN 3 1987

TERM OF ISSUANCE

Until Reregistered

NAME OF PESTICIDE PRODUCT

Chem-Tox DDVP-Five-X

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Chem-Tox, Inc.  
21 North 988 Pepper Road  
Barrington, IL 60010

1057/173792  
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NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others. This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

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 to the you receive your product for shipment:
  - a. Add the phrase "EPA Registration No. 45385-64."
  - b. Change "Stationery Trucks" to "Stationary Trucks."
  - c. Delete the claim "For Use in Federally Inspected Meat and Poultry Establishments" until you receive approval from the United States Department of Agriculture. You must file a separate application with:

Compound Evaluation Laboratory  
Scientific Services, FSQ  
Food Ingredient Assessment Division  
U.S. Department of Agriculture  
Building 300, BARC-East  
Beltsville, MD 20705

**BEST AVAILABLE COPY**

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

- d. Correct the spelling of "phosphate" in the active ingredient. Uppercase "Dichlorovinyl."
- e. Move the Statement of Practical Treatment to the front panel below the ingredient statement.
- f. Although grammatically correct, we believe substitution of the participle "during" with a preposition "before" in the sentence "food should be removed or covered during treatment" to "before treatment" makes for greater clarity. This is true for the next sentence in the Use and Application Directions.
- g. Revise posting signs directions to:
- Place DANGER signs at all entrances stating: "Pesticide treatment in progress. This building must be opened and aired prior to reentry of unprotected workers, or remain unoccupied by unprotected workers for at least 6 hours after treatment. Do not enter prior to (time) o'clock on (date) without proper protection." If facility employs personnel not able to understand or read English, the supervisor should be sure to fully explain to them label precautions and uses and the above described sign.
- h. Specify the solvent needed to dilute to 1% to 3% in the Space Spray and Contact Spray and for use as a Contact Spray.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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 constitutes acceptance of these conditions.

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

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

Enclosures

NEW PRODUCT LABEL APPLICATION - FOR E.P.A.

FOR: CHEM-TOX, INC., Barrington, Il. 60010

DATE: 6/6/86

(( ( FRONT PANEL )))

Net Contents:  
1 gal. 5 gal.  
30 gal. 55 gal.

CHEM-TOX  
DDVP-FIVE-X

TO BE APPLIED ONLY BY OR UNDER THE SUPERVISION OF PEST CONTROL OPERATORS, AND PUBLIC HEALTH ORGANIZATIONS.

FOR USE IN WAREHOUSES, RAILROAD CARS, AND STATIONERY TRUCKS, FLOUR MILLS, GRAIN MILLS, RICE MILLS. FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY ESTABLISHMENTS

*Stationary*

Kills: Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Cigarette Beetles, Indian Meal Moths, Cocoa Bean Moths, Roaches, Silverfish, Fleas, Waterbugs, Earwigs, Ants, Spiders.

ACTIVE INGREDIENTS:

2,2-dichlorovinyl dimethyl phosphate*	4.65%
Related Compounds*	0.35%
Inert Ingredients**	95.00%
Total:	100.00%

\* Equivalent to 5% Vapona Insecticide

\*\* Contains Petroleum Distillates

KEEP OUT OF REACH OF CHILDREN  
DANGER (18 PT)

See side panel for Antidotes and Precautionary Statements

Order code: OC-523

Chem-Tox, Inc.  
Barrington, Il. 60010

EPA Reg. No. 45385-  
EPA Est. No. 45385-1L-01

NET: \_\_\_\_\_

70A-13197

45385-64

((SIDE PANEL))

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**DANGER-POISON:** May be fatal if swallowed, inhaled or absorbed through the skin. Causes eye and skin irritation. Wash thoroughly with soap and water after handling. Wash clothing with soap and hot water before reuse. Avoid contact with skin, eyes, and clothing. Avoid breathing fumes or mist. Avoid contamination of food and foodstuffs. While applying this product or working in treated areas, wear clean natural rubber gloves, protective clothing and goggles, face shield or equivalent. Wear pesticide respirator jointly approved by the Mine Safety and Health Administration and by the National Institute for Occupational Safety and Health under the provision of 30 CFR Part 11.

#### 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 a finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing 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.

**Note to Physician:** Symptoms: Symptoms include weakness, headache, tightness in chest, blurred vision, nonreactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

**Treatment:** Atropine is the specific therapeutic antagonist of choice against parasympathetic stimulation. If there are signs of parasympathetic stimulation, atropine should be injected at ten-minute intervals in doses of 1 to 2 milligrams, until complete atropinization has occurred. Morphine is contraindicated. Clear chest by postural drainage. Oxygen administration may be necessary. 2-PAM is also antidotal and may be administered in conjunction with atropine. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been attained as determined by blood test

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

#### PHYSICAL & CHEMICAL HAZARDS

Do not pour, use, spill or store near heat or open flame. Not for use or storage in or around the home.

((SIDE PANEL))

**DIRECTION FOR USE**

It is a violation of the Federal Law to use this product in a manner inconsistent with its labeling.

**STORAGE & DISPOSAL (12 PT)**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Keep container closed in a locked, cool, dry cabinet or room.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of the 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 Containers: 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 Containers: 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.

Glass Containers: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or, by other approved State and local procedures.

**WARRANTY STATEMENT**

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

((BACK PANEL))

## DIRECTIONS FOR USE, continued

DOVP-FIVE-X is a specially formulated insecticide designed for use in the control of exposed stages of stored-product insects infesting Warehouses containing non-perishable, packaged or bagged raw or processed food commodities. The term "non-perishable" means any raw or processed food not subject to rapid decay or deterioration that would render it unfit for consumption.

Raw commodities would include: cocoa beans, field-dried beans, field-dried peas, grains and nuts. Not included are eggs, milk, meat, poultry, fresh fruits and vegetables such as onions, parsnips, potatoes and carrots.

Processed foods could include: flour, sugar, cereal, packaged cookies and crackers. Not included are hermetically sealed foods or manufactured dairy products and other processed foods requiring refrigeration.

**USE & APPLICATION DIRECTION:**

For the control of the exposed stages and the prevention of migration of most species of store-product insects; rice weevils, confused flour beetles, saw-toothed grain beetles, cigarette beetles, Indian-meal moths and cocoa bean moths in Warehouse storage areas and in food processing areas of flour and grain mills, bakeries, canning and bottling plants and brewery warehouses during times when the plant is not in operation and no food products are exposed. If bulk, unpackaged foods are exposed, remove or cover before spraying begins. Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment of thoroughly cleaned before using. When using the product in these areas apply only when the facility is not in operation. Use DOVP-FIVE-X in a ULV type machine, adjusted to deliver small particles. The rate of application should be between 1-2 grams of actual DOVP per 1,000 cu.ft. or 1/2 to 2 oz. of liquid per 1,000 cu.ft. Check amount in insecticide tank, or auxiliary tank before and after treatment to assure proper dosage has been applied.

Treatment should be made during the hours when buildings are unoccupied. Buildings treated should be closed and ventilation kept at a minimum during application of the insecticide. Lock all entrances and do not allow unprotected workers to enter buildings while being treated.

Place Caution Signs at all entrances stating "This building should be opened and aired prior to re-entry of unprotected workers, or remain unoccupied by unprotected workers for at least 6 hours after treatment. Do not enter prior to \_\_\_\_\_ o'clock \_\_\_\_\_ (date) without protection." Repeat treatment at weekly intervals during season of peak insect activity for optimum results.

**SPACE SPRAY AND CONTACT SPRAY:** Dilute to 1-3% and apply at the rate of 1 gallon of spray per 64,000 cu.ft. to kill roaches, silverfish, fleas, waterbugs, earwigs, ants, spiders in sheltered situation. Adjust a ULV spraying device to a coarse spray for control of the above listed crawling insects. Contact as many of the insects with the spray as possible. Thoroughly spray all parts of the room suspected of harboring these insects. Special attention should be paid to cracks, hidden surfaces, under equipment, and food storage areas. Then adjust the ULV device to deliver a line spray for use as a space spray. Sweep up and destroy dead insects. Repeat treatment as necessary.

**FOR USE AS A CONTACT SPRAY:** Dilute to 1% and spray 1 pint per 10,000 cubic feet or 1,000 square feet of floor space.

If used as a contact spray, 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 serving areas while food is exposed.

CHEM-TOX (MVP-FIVE-X)

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**GENERAL OPERATING INSTRUCTIONS:**

(For specific operation instructions, refer to Manufacturer's Instruction Booklet furnished with machine).

1. Position machine at farthest point from intended exit, if machine is to be moved during treatment, or in center aisle at one end of the warehouse where volume is 100,000 cu.ft. or less.
2. Direct nozzle(s) upward and pointed down the aisle, not directly toward any nearby object.
3. Set output by adjusting flow to desired level.
4. Start machine and run for calculated time period. If machine is to be moved around area during treatment, begin backing along pre-calculated path at pre-determined speed.
5. When treatment time has been completed, stop insecticide flow by shutting off valve. Wait until spray stops and then remove machine from area.
6. Wait six hours after completion of treatment before ventilating.