

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION  <i>(Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 45385-45	DATE OF ISSUANCE APR 28 1986
	TERM OF ISSUANCE Until Reregistered	
	NAME OF PESTICIDE PRODUCT Dia - Vap. 0.75-0.5	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

161 / 148954  
181 / 1

Chem-Tox, Inc.  
211 288 Leper Road  
Barrington, IL 60010

**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 and/or 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:
  - a. Add the phrase "EPA Registration No. 45385-45."
  - b. Delete "Petroleum distillate" from Active Ingredient portion on this label and include in the total percentage of Inert Ingredients since this component of the formulation is a solvent.
  - c. Add asterisk or other distinctive footnote mark to INERT INGREDIENTS and add a footnote, "\*Contains Petroleum distillates."

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL \_\_\_\_\_ DATE \_\_\_\_\_

- d. Correct active ingredient to read Diazinon [O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate].  
Note use of Diazinon as a common name, use of square brackets, and the numbers 6 and 4.
- e. DDVP concentrations above 0.5 percent normally require the signal word "WARNING." Revise the signal word to WARNING or justify the lower toxicity category caution.
- f. Revise:

If in eyes - Flush eyes with plenty of water. Call a physician immediately.

- g. Revise:

**NOTE TO PHYSICIAN:**

**POISONING 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 nervous stimulation. If there are signs of parasympathetic stimulation, Atropine Sulfate should be injected at 10-minute intervals in doses of 1 to 2 milligrams until complete Atropinization has occurred. 2-PAM is also antidotal and may be administered in conjunction with Atropine. Morphine is contraindicated. Clear chest by postural drainage. 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 time has been allowed for cholinesterase regeneration as determined by blood test. Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally.

- h. Change "Keep out of lakes, ponds, or streams" to "Do not apply directly to water."
- i. Change PHYSICAL HAZARDS to "Do not use, pour or spill near heat or open flame."

- j. Change "In homes, all food processing surfaces, dishes and utensils should be covered during treatment etc." to "In homes: Cover all food processing surfaces, dishes and utensils before treatment."
- k. Make similar changes as j. for commercial food handling facilities, i.e., cover before treatment.
- l. Revise PESTICIDE DISPOSAL statements:

"Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility."

- m. Provide a certification of limits and a description of formulation process.

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.

Sincerely yours,

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

Enclosures

# DIA - VAP

## 0.75-0.5

READY-TO-USE, NEEDS NO DILUTION  
TO BE RESIDUALLY APPLIED - NOT FOR SPACE SPRAYING OR FOGGING  
FOR INDUSTRIAL USE IN FOOD PROCESSING, BEVERAGE, AND WAREHOUSE  
INDUSTRIES.

ONLY FOR SALE TO, USE AND STORAGE BY PEST CONTROL OPERATORS AND  
PUBLIC HEALTH PERSONNEL.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

APR 28 1986

Under the Federal Insecticide,  
Fungicide and Rodenticide Act  
as amended by the pesticide  
registration provisions of EPA Reg. No.  
42385-45

### ACTIVE INGREDIENTS-

DIAZINON (O,O-DIETHYL O-(2-ISOPROPYL- 4-METHYL-6-PYRIMIDINYL)PHOSPHOROTHIOATE) .....	0.75%
2,2-DICHLOROVINYL DIMETHYL PHOSPHATE*.....	0.50%
RELATED COMPOUNDS <sup>1</sup> .....	0.04%
PETROLEUM DISTILLATE .....	98.59%
INERT INGREDIENTS.....	0.12%
<b>TOTAL -</b>	<b>100.00%</b>

• VAPONA

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS **CAUTION**

HARMFUL IF SWALLOWED, INHALED OR ABSORBED  
THROUGH THE SKIN. AVOID INHALATION OF  
VAPOR OR SPRAY MIST. AVOID CONTACT WITH  
SKIN, EYES, AND CLOTHING. WASH THOROUGH-  
LY WITH SOAP AND WATER AFTER HANDLING AND  
BEFORE EATING OR SMOKING. DO NOT CONTA-  
MINATE WATER, FEED, OR FOODSTOFFS.

For spot application only. Do not use as a space spray. Do not allow children or  
pets to contact treated surfaces until spray has dried.  
In homes, all food processing surfaces, dishes and utensils should be covered  
during treatment, or thoroughly washed before use.  
In commercial food handling facilities, cover or remove any food and food  
processing equipment during application. Do not apply while food processing is  
underway. After spraying, wash all equipment, benches, shelving, etc., where  
exposed food will be handled, with potable water.

### STATEMENT OF PRACTICAL TREATMENT

- |              |  |
|--------------|--|
| if swallowed | - Call a Physician or Poison Control Center immediately. Ga-<br>Lavage is indicated if material was taken internally. DO<br>NOT INDUCE VOMITING. Vomiting may cause aspiration pneumo-<br>nia. |
| if inhaled   | - Remove victim to fresh air. Apply respiration if indicated.  |
| if on skin   | - Remove contaminated clothing and wash affected areas<br>with soap and water.   |
| if in eyes   | - Flush eyes with plenty of water. Call a physician if irrita-<br>tion persists.   |

NOTE TO PHYSICIAN-IF SIGNS OF CHolinesterase INHIBITION, WEAKNESS, HEAD-  
ACHE, CHEST TIGHTNESS, BLURRED VISION, SALIVATION, SWEATING, NAUSEA, VOMITING,  
DIARRHEA, OR ABNORMAL CRAMPS OCCUR  
ATROPINE BY INJECTION IS ANTIDOTAL.  
ATROPINE IS ALSO ANTIDOTAL AND MAY BE ADMIN-  
ISTERED IN CONJUNCTION WITH ATROPINE.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Keep out of lakes, ponds,  
or streams. Do not contaminate water by cleaning of equipment  
or disposal of waste.

### PHYSICAL HAZARDS

Do not use or store near heat or open flame.

CHEM-TOX, I  
BARRINGTON

## DIRECTION FOR USE

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

### STORAGE AND DISPOSAL

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

#### Pesticide Disposal:

Pesticide, spray mixture or residue that cannot be used according to label instruction must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

#### Container Disposal:

Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State and local procedures.

**APPLICATIONS WITHIN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS** - places other than private residences in which exposed food is held, processed, prepared or served.

**FOOD AREAS - APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY.** Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing) preparing, edible waste storage & enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation also would be considered a food area).

Apply 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, conduits, motor housings, junction or switch boxes (prior to application de-energize electrical equipment. After application, allow time for oil to evaporate before starting motors or placing switches in the "ON" position) where American, German and Oriental Cockroaches hide. Aids in the control of exposed stages of stored product insects (Confused Flour Beetles, Saw-toothed Grain Beetles, Caddis, which come in contact with treated surfaces.

Caution 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 TREATMENT ARE NOT PERMITTED.**

EPA REG. NO. 45385-

EPA EST. NO. 45385-IL-C1

NET CONTENT

60010

**DIRECTIONS FOR USE IN NON-FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS** - includes garbage rooms, lavatories, floor drains (to sewers entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets & storage (after canning or bottling).

This product is a ready-to-use formula, needing no dilution. To control existing cockroach infestations: American Cockroach, German Cockroach, and Oriental Cockroach. Apply to baseboard or risers, around water pipes, surfaces behind and beneath sinks, lockers, tables, pellets and similar areas where insects hide or through which they may enter. This residual application can best be achieved through a low-pressure, conventional garden-type tank sprayer.

For control of existing flying insects (Houseflies, Drosophila Gnats, Mosquitoes, and exposed stages of Indian Meal Moths, Mediterranean Flour Moths, and Angoumois Grain Moths) thorough residual application of this product should be applied in a residual wetting-down treatment to surfaces on which the insects alight or crawl.

For control of exposed stages of stored product insects: Confused Flour Beetles, Saw-Toothed Grain Beetles, Caddis, apply this product residually as directed above for cockroach control, using the same principle of laying down a residual deposit that will continue to kill for days after application. Since these insects harbor and breed in flour dust, such deposits must be vacuumed and cleaned before making application.

**NOTICE:** The manufacturer and seller warrant that this 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, merchantability or fitness for a particular purpose express 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 the risk of any such uses.

