

45385-52 PM 15 1074

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 45385-52	DATE OF ISSUANCE NOV 20 1985
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT Chem-Tox DZ-25	

NOTICE OF PESTICIDE: REGISTRATION RENEWAL

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

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Chem-Tox, Inc.
21 North 985 Pepper Road
Barrington, IL 60010

161/149607
18/1


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 reregistered in accordance with FIFRA sec. 3(d)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 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. 45385-52".
 - b. 
 - c. Delete "resistant" in Directions for use or indicate the nature of the resistance, e.g., DDT-resistant cockroaches. This must be supported by appropriate data.
 - d. Delete "certain" in "Do not use on certain ferns, etc." and add "orchids" to the list of plants subject to injury.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE 11/21/85
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- e. Add "See additional Precautionary Statements on side panel" following WARNING on front panel.

The Evaluation Report on the Storage Stability of Chem-Tox DZ-25 was reviewed and found acceptable and has been assigned Accession No. 257509. Please refer to that number in future communications about that data.

- 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 sec. 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-767)

Enclosure

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 rinsate 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:

Plastic Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

DZ-25

(25% EMULSIFIABLE DIAZINON)
INSECTICIDE

CONTROLS: *Cockroaches, Ants, Silverfish, Carpet Beetles, Scorpions, and Turf and Ornamental Pests.*

For sale to, storage and use by **SERVICE PERSONS** (Including but not limited to janitors, pest control operators, maintenance and lawn care and landscaping personnel.)

Directions for Use on ~~Label~~ Panel.

A concentrate to be diluted with water to provide a flushing and quick knockdown effect with

~~RECOMMENDED~~
~~BY COMPANY~~
EPA Letter Dated:

NOV 20 1985

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

45385-52

CHEM-TOX, INC.
BARRINGTON, IL 60010

ORDER CODE:
EC-519

ACTIVE INGREDIENT:

Diazinon: O,O-dimethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate 25%

INERT INGREDIENTS

TOTAL 75%

DIAZINON 2E contains 2 lbs. Diazinon Per Gallon

KEEP OUT OF REACH

WARNING

EPA Est. No.: 45385-52
EPA Reg. No.: 45385-52

Net 1 Gallon / 3.785 Liters

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. May be absorbed through the skin. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of food and feed. Keep out of reach of domestic animals. Do not use on humans, pets or livestock. Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

Do not use as a space spray for spot application only, in homes, air food processing surfaces, dishes and utensils should be covered during treatment or thoroughly washed before use. 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. Kitchen utensils such as tablespoons must not be used for food purposes after use in measuring pesticides.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding on treated areas may be killed. Do not apply directly to lakes, streams, and ponds. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is highly toxic to bees exposed to direct treatment or residues remaining on crops. Do not apply when bees are actively visiting the crop. Cover crops or weeds blooming in the treatment area. Application should be timed to provide maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Do not induce vomiting or give anything by mouth to a conscious or unconscious 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: Product contains an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate injection is antidotal. 2-PAM is a so antidotal and may be administered, but only in conjunction with atropine. Product also contains high percentage of petroleum solvent which may present aspiration hazard. Gastric lavage may be indicated if product was ingested.

COCKROACHS (WATER BUGS), ANTS AND SILVERFISH IN BUILDINGS: (By Pest Control Operators Only):

For control of ants, silverfish, and resistant cockroaches (waterbugs), prepare a 1% spray by thoroughly mixing 2 1/2 fl. ozs. (5 tablespoons) of this product with sufficient water to make one gal. of finished spray and make spot applications of this mixture to areas infested with these insects. Application should be made as a coarse spray or with a paint brush to baseboards, areas around water pipes, cracks and crevices, surfaces behind and beneath cabinets, refrigerators, sinks, stoves and similar areas where these insects hide. Treatments should be repeated as necessary. Under conditions of heavy cockroach infestation, it is suggested that the first application be made at a strength of 1% this product (5 fl. ozs. this product per gal.) followed by monthly applications of 1/2% this product (2 1/2 fl. ozs. this product per gal.)

BROWN DOG TICKS IN BUILDINGS: Prepare a 1/2% this product spray by thoroughly mixing 2 1/2 fl. ozs. (5 tablespoons) of this product with sufficient water to make 1 gal. of finished spray. Thoroughly spray infested areas around baseboards, window and door frames, wall cracks, sleeping quarters of household pets and localized areas of floors and floor coverings. Applications should be repeated as infestations warrant and as re-infestations occur. Fresh bedding should be placed in animal quarters following treatment. Do not treat animals with this formulation.

When used in dwellings, care should be taken to avoid deposits which could be frequently contacted by children. Care should also be taken to avoid spotting of wallpaper and fabrics. Do not contaminate food, food containers or cooking utensils.

ORNAMENTAL TURF AND ORNAMENTAL INSECTS

ORNAMENTALS: For control of those insects listed below attacking arborvitae, azaleas, carnations, chrysanthemums, gladioli, holly, juniper, rhododendron, roses, pine, spruce, maple, and other flowers, shrubs and shade trees mix 1 fl. oz. (2 tablespoons) in 3 gals. of water and apply as a thorough foliage spray using a knapsack or hand type sprayer. Treatment should be made when insects first appear and repeated as infestations warrant.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes 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, in fact, 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 use.

Aphids
Bagworms
Flea Beetles
Carnation Bud mites
Thrips
Holly Bud Moth
Dipterous Leaf Miners
Leafhoppers
Whiteflies
Cyclamen mites
Clover mites
Privet mites
European Red mites
Two Spotted mites
Scale crawlers (Cottony-cushion, Lecanium, Pine Needle, San Jose and Soft Scales)

(NOTE: Do not use on certain ferns, poinsettia, hibiscus, papaya, pine and gardenia, since injury may occur.)

FLEAS, TICKS AND CHIGGERS INFESTING LAWN AND OTHER OUTDOOR AREAS: Use 12 fl. ozs. per 5 gals. of water and apply at the rate of 1 gal. of spray per 1,000 sq. ft. of infested area.

LAWN CHINCH BUGS: For control of chinch bugs in lawns thoroughly wet down the grass and apply this product at the rate of 4 to 6 fl. ozs. in 25 gals. of water per 1,000 sq. ft. Applications should be repeated in 7-10 days if necessary.

FLY CONTROL ON FARM AREAS AND BUILDINGS: Do not use in milk rooms, dairy barns or poultry houses.

AGRICULTURAL PREMISES: Apply a spray prepared by mixing 2 quarts of this product in 25 gals. of water as an overall application to the ceilings and walls of livestock sheds, calf barns, hog barns and other farm buildings. Other areas where flies congregate, such as around garbage dumps and corrals, should be sprayed thoroughly. Repeat applications as fly populations warrant.

Longer residual control may be obtained by increasing the dosage to 4 qts. of this product in 25 gals. of water. Applications should be made to the point of runoff. One gal. of the above spray should cover from 350 to 750 sq. ft. of area depending on surface to be treated.

NOTE: Remove animals from buildings during spraying operations and keep them out for at least 4 hours. Do not spray animals or contaminate their feed or drinking water. Do not use in poultry houses. Do not use in dwellings, milk houses, or dairy barns. Do not contaminate milk, feed or drinking water.

CT  **chem - tox**

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a. Add the phrase, "EPA Registration No. 45300-52".

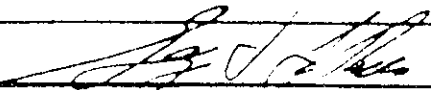
b.

c. Delete "resistant" in Directions for Use or indicate the nature of the resistance, e.g., DDVP-resistant cockroaches. This change is supported by appropriate data.

d. Delete "certain" in "Do not use on certain ferns, etc." and add "orchids" to the list of plants subject to injury.

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SIGNATURE OF APPROVING OFFICIAL



DATE

11/21/85

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 Product Manager (15)
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Directions for Use on ~~Accepted~~ Panel.

~~EPA COMMENTS~~
EPA Letter Dated:

NOV 20 1985

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45385-52

CHEM-TOX, INC.
BARRINGTON, IL 60010

ORDER CODE:
EC-519

ACTIVE INGREDIENT:

Diazinon, O,O-dimethyl O-(17-isopropoxy-6-methyl-4-pyrimidinyl) phosphorothioate 25%

INERT INGREDIENTS

7.95%

TOTAL

100.00%

DIAZINON 2E contains 2 lbs. Diazinon Per Gallon

KEEP OUT OF REACH

WARN

EPA Est. No.: 4538

EPA Reg. No.: 4538

DZ-25

(25% EMULSIFIABLE DIAZINON)
INSECTICIDE

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