

45305-58

10/1/86

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 45385-58	DATE OF ISSUANCE APR 11 1986
	TERM OF ISSUANCE CONDITIONAL	
	NAME OF PESTICIDE PRODUCT Chem-Tox Pro-Tox Concentrate	

16527D
18/03
160

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Chem-Tox, Inc.
 21 North 988 Pepper 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. Add the phrase "EPA Registration No. 45385-58" to your label before you release the product for shipment.
 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.

Lawrence J. Schnaubelt
 Acting Product Manager (12)
 Insecticide-Rodenticide Branch
 Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL
Lawrence J. Schnaubelt

DATE
 APR 11 1986

4570-6 (Rev. 5-76) PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

**CHEM-TOX
PRO-TOX CONCENTRATE**

A COMBINATION OF INSECTICIDES OFFERING GOOD FLUSHING ACTIVITY AND RESIDUAL KILL OF COCKROACH

For Residual and Contact Control of Cockroaches (Waterbugs), Crickets, Boxelder Bugs, Silverfish (Fire)
Clover Mites, Centipedes, Millipedes, Earwigs, Scorpions, Sowbugs (Pillbugs), Spiders, Brown Dog Ticks, Lone
Ants, Spider Beetles, House Flies, Fire Ants, Carpet Beetles, Fleas, Mosquitoes, Gnats, Flying Moths.

To be applied only by or under the supervision of pest control operators or other trained personnel responsible for insect control.
CONTAINS DURSBAN® INSECTICIDE

ACTIVE INGREDIENTS:

*†•Resmethrin[5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate	3.20%/w/w
*Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl)phosphorothioate]	16.00%
Aromatic petroleum derivative solvents	13.32%
INERT INGREDIENTS:‡	67.48%

100.00%/w/w

‡Contains Methanol.

*Cis/trans Isomers ratio: max. 30%(±)cis and min. 70%(±)trans.

†U.S. Patent Nos. 3,465,007 and 3,542,928.

•Penick's SBP-1382® brand of resmethrin insecticide.

Penick Corp., 1050 Wall Street West, Lyndhurst, N.J. 07071

*U.S. Patent No. 3,244,588 Dursban-Trademark of the Dow Chemical Co.

**U.S. Patent No. 3,683,078.

PRECAUCION AL CONSUMIDOR: Si usted no lee Ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

**KEEP OUT OF REACH OF CHILDREN
DANGER
POISON**

DANGER: Methanol may cause blindness. Harmful or fatal if swallowed. Vapor harmful. Avoid breathing mist or vapors. Avoid contact with skin. In case of eye contact: Flush with plenty of water and get medical attention. See side panel for additional precautionary statements and statement of practical treatment.

In food handling establishments, can be used in non-food areas as a contact residual spray. In food areas, application is limited to spot spray on cracks and crevices.

EPA Reg. No. 45385-58 EPA Est. 45385-IL-01

NET CONTENTS: gal()
LOT NO.:
CHEM-TOX, INC.
Barrington, Il. 60010

APR 11 1986
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 45385-58

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

Causes irreversible eye damage. Harmful or fatal if get in eyes, on skin or on clothing. Wear goggles and water after handling. Remove contaminated handling areas, application is limited to crack and directly to food or feedstuffs. In commercial food or food processing equipment during application underway. In the home, all food processing surfaces treatment or thoroughly washed before use. Do not surfaces until spray has dried. Remove pets and children.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control. Induce vomiting by touching back of throat with finger by mouth to an unconscious or convulsing person. If in eyes or on skin: Flush with plenty of water. **NOTE TO PHYSICIAN:** Chlorpyrifos is a cholinergic. Atropine only by injection is an antidote. Aspirin is not recommended.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Contaminate water by cleaning of equipment or disposal. **PHYSICAL AND CHEMICAL HAZARDS**

Flammable: Keep away from heat or open flame. Do not apply this product in conduits, motor housings, junction boxes or equipment because of possible shock hazard. Do not stain by water.

DIRECTIONS FOR USE

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

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** This material may stratify upon standing. Before each use. Do not expose to temperatures where product reaches room temperature and thorough mixing is required. **FLAME.**

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Mixture, or rinsate is a violation of Federal Law. In accordance to label instructions, contact your State or the Hazardous Waste representative at the nearest **CONTAINER DISPOSAL:** Triple rinse (or equivalent) or puncture and dispose of in a sanitary landfill, or Local authorities.

DIRECTIONS FOR USE CONTINUED

INSTRUCTIONS FOR CONTACT AND RESIDUAL SPRAYS: FOR USE IN NON-FOOD AREAS INDOORS AND OUTSIDE REMISES OF HOTELS, MOTELS, HOMES, PRESCHOOLS, APARTMENT BUILDINGS, COMMERCIAL, OFFICE, INSTITUTIONAL AND STORAGE BUILDINGS, RECREATIONAL BUILDINGS, BOATS, SHIP CABINS AND HOSPITALS. IN HOSPITALS, REMOVE PATIENTS PRIOR TO TREATMENT. ENTILATE ROOMS FOR TWO HOURS BEFORE RETURNING PATIENTS.

THIS PRODUCT CAN BE USED IN NON-FOOD AREAS SUCH AS CORRIDORS, OFFICES, FOYERS, LAVATORIES, GARAGES, UTILITY ROOMS, STORAGE ROOMS AND BASEMENTS, OF PACKAGING AND PROCESSING PLANTS, MILK HANDLING AREAS OF MILK PLANTS, MILK STORAGE ROOMS, EGG PROCESSING PLANTS, SUPERMARKETS, RESTAURANTS, BOTTLING PLANTS, CANNERIES, FLOUR AND FEED MILLS, AND BAKERIES.

In food areas of food handling establishments, application is limited to spot and/or crack and crevice treatment.

ALSO, FOR USE IN AND AROUND CAMPERS, MOBILE HOMES, BUSES AND AUTOMOBILES. THIS PRODUCT CAN BE USED IN CARGO PLANES, TRUCKS, BOXCARS AND SHIP CARGO HOLDS ONLY IF THE VEHICLES ARE NOT USED FOR TRANSPORT OF FOOD OR FOOD PRODUCTS AT ANY TIME.

ALSO, FOR USE IN DOG KENNELS AND HORSE STABLES. DO NOT SPRAY ON HORSES AND DOGS. DO NOT SPRAY DOG AND HORSE FOOD OR FEED ITEMS.

NOTE TO PEST CONTROL OPERATORS: One gallon (3.79 L) of spray is sufficient to treat 1500 linear feet (457 meters) with a six inch (15.2 cm) spray band.

GENERAL INFORMATION: Mix this product with water as shown in the SPRAY DILUTION CHART*. Use a 0.1% + 0.50% spray to quickly reduce heavy infestations and a 0.05% + 0.25% spray to control light infestations and for maintenance purposes.

****NOTE: 1 fl oz (29.6 ml) = 2 tablespoons = 6 teaspoons.**

CONTACT SPRAY: Kills and reduces infestations: Cockroaches (waterbugs), Crickets, Boxelder Bugs, Scorpions, Spider Beetles, Silverfish (firebrats), Carpet Beetles, Clover Mites, Centipedes, Millipedes, Earwigs, Sowbugs (pillbugs), Ants, Spiders, Fleas: Use as a spot treatment. When possible, spray directly on pests to reduce infestations. Apply as a coarse spray or with a paint brush into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators and other appliances, baseboards and storage areas. Apply spray until area is wet, but not to the point of run-off. Repeat as necessary.

ANTS: (including FIRE ANTS): To kill ants within buildings and homes, spray trails, nests and points of entry. Spray directly on ants where possible. Repeat as necessary.

FLEAS, BROWN DOG AND LONE STAR TICKS: Thoroughly apply as a spot treatment to infested areas such as pet's 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 of pet areas. DO NOT TREAT PETS WITH THIS PRODUCT. Treat pets with a product registered for animal application such as SBP-1382®/Bioallethrin Aqueous Pressurized Spray, EPA Reg. 432-482, to control the source of flea and tick infestation.

CARPET BEETLES AND CLOTHES MOTHS: Do not spray clothing with this product. Do not allow clothing to contact areas where this product has been used. Spray edges of carpeting and under carpeting, rugs and closets. Make localized application to the floor and baseboards. Spray directly into cracks, crevices, closets, and infested areas of shelving and/or wherever these insects are seen or suspected. Repeat as necessary.

RESIDUAL SPRAY: Aids in control of Cockroaches (waterbugs), Crickets, Boxelder Bugs, Scorpions, Spider Beetles, Silverfish (firebrats), Centipedes, Millipedes, Earwigs, Sowbugs (pillbugs). Kills up to 4 weeks. Apply on baseboards, cracks and crevices, around door and window frames, and other hiding places such as closets, in back of and under appliances, sinks and cupboards in kitchens and bathrooms. In basements, apply in hiding places, in cracks and crevices, lower walls and dark places. Spray surfaces until wet, but not to the point of run-off.

PESTS OUT-OF-DOORS: DO NOT TREAT OR ALLOW THE SPRAY TO CONTACT PLANTS (LAWNS, FLOWERING PLANTS, SHRUBS, TREES, EVERGREENS, ETC.) BECAUSE OF POSSIBLE INJURY.

PESTS ON OUTSIDE SURFACES OF BUILDINGS: Use this product to control ants, clover mites, crickets, earwigs, millipedes and

sowbugs (pillbugs) on the outside surfaces of buildings. To help prevent infestation of buildings treat the building foundation to a height of 2 to 3 feet (0.5 to 1 meter), where pests are active and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps, and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

HOUSE FLIES, MOSQUITOES, GNATS, FLYING MOTHS OUTDOORS: For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages, and other places where these insects alight or congregate. Repeat as necessary.

ANTS, LONE STAR TICKS, CRICKETS, FLEAS, AND EARWIGS OUTDOORS: For treatment of localized infestations of these insects in outdoor areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application as infestations warrant and as reinfestation occurs.

TO CONTROL FIRE ANTS: Dilute 4 1/2 tsp. (22 ml) of this product in 1 gallon (3.79 L) of water. Apply 1 gallon (3.79 L) of solution as a gentle rain to each fire ant mound using a sprinkler can. Thoroughly wet the mound and surrounding area to a 4 foot diameter (1.22 m). For best results, apply in cool weather, 65-80°F (18.5-27°C), or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity, and treat all colonies which may not as yet have constructed a mound. Larger quantities of solution can be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon (3.79 L) per mound is still required.

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 the 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.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	CHEM-TOX PRO CONCENTRATE	
	0.05% + 0.25%	0.1% + 0.5%
1 (3.79 L)	2 fl oz (59.2 ml)	4 fl oz (118.3 ml)
3 (11.37 L)	6 fl oz (177.4 ml)	12 fl oz (355 ml)
5 (18.95 L)	10 fl oz (295.7 ml)	20 fl oz (591.5 ml)
10 (37.90 L)	20 fl oz (591.5 ml)	40 fl oz (1,183 L)

***NOTE: Do not store the concentrate at temperatures below 40°F (4.5°C). If the concentrate is exposed to temperatures below 40°F (4.5°C), allow to stand until product reaches room temperature and thoroughly mix before diluting with water. Do not expose the spray mixture to temperatures below 32°F (0°C).**