

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (15-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.  
45385-63

DATE OF ISSUANCE  
MAY 11 1987

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

TERM OF ISSUANCE  
Until Reregistered  
NAME OF PESTICIDE PRODUCT  
Chlorox Disinfectant

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Chlorox, Inc.  
217 West Bond Street  
Birmingham, AL 35203

161 / 186176  
18 / 2

**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.

You are hereby notified that the following conditions apply to the registration of this product:

1. The registration of this product is for the use of this product as a disinfectant. Your product may not be used for any other use without the express written consent of the Administrator.

2. The registration of this product is for the use of this product as a disinfectant. Your product may not be used for any other use without the express written consent of the Administrator.

a. The label must include the registration number "45385-63."

b. The label must include the following statement: "This product is registered for use as a disinfectant."

c. The label must include the following statement: "This product is registered for use as a disinfectant."

d. The label must include the following statement: "This product is registered for use as a disinfectant."

e. Change ".25% or .5%" to ".0.25% or .5%."

ATTACHMENT IS APPLICABLE

**BEST AVAILABLE COPY**

SIGNATURE OF APPROVING OFFICIAL



DATE  
5/27/87

- f. Use the full product name "Chem-Tox Durvap-X" or "this product" within the Directions for Use whenever it appears.
- g. We assume the word POISON will appear in red on a background of distinctly contrasting color.
- h. The words ACTIVE INGREDIENTS and INERT INGREDIENTS should be given equal prominence and aligned on the same margin.
- i. Change "See side panel for Antidotes and Precautionary Statements" to "See side panel for additional Precautionary Statements."

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: 6/6/66

(( ( FRONT PANEL )))

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

**CHEM-TOX  
DURVAP-X  
Residual Concentrate**

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.

HELPS TO CONTROL: Cockroaches, Ants, Brown Dog Ticks, Silverfish, Spiders, Crickets, Fleas, Firebrats, Saw-tooth Grain Beetles, Flour Beetles, Rice Weevil, Cigarette Beetle, Drugstore Beetle and Indian Meal Moth.

ACTIVE INGREDIENTS:



Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2 pyridyl) phosphorothioate).....	12.31%
2,2-Dichlorovinyl dimethyl phosphate.....	11.45%
Related Compounds.....	0.86%
Inert Ingredients*	75.38%
<b>Total:</b>	<b>100.00%</b>

\*Contains Xylene Range Aromatic Solvents.

ACCUMULATED WITH 45385-03 BY EPA LABORATORY

MAY 27 1967

Enter the following in Remarks and Reference or Remarks section of Form 1572-101  
45385-03

	<b>KEEP OUT OF REACH OF CHILDREN</b>	
<b>POISON DANGER</b>		

See side panel for Antidotes and Precautionary Statements

Chem-Tox, Inc.  
Barrington, Il. 60010

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

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

**BEST AVAILABLE COPY**

CHEM-TOX DURVA<sup>®</sup>-X

((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.

**WARNING SYMPTOMS:** Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abnormal cramps.

**Note to Physician:** DURVA<sup>®</sup>-X 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.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, wildlife and birds. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply where runoff is likely to occur. 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.

CHEM-TOX DURVAP-X

((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)**

**General:** 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, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**DIRECTIONS FOR USE con't.**

**Spot Treatment Only:** DURVAP-X Insecticide mixes readily with water or oil. Dilute the required amount of DURVAP-X in water or in a base oil such as deodorized kerosene or No.2 fuel oil. Mix according to the following table to obtain the desired concentration of 0.25% Chlorpyrifos and 0.25% DDVP Vapona or 0.5% Chlorpyrifos and 0.5% Vapona insecticides. Use the higher concentrations of DDVP Vapona and Chlorpyrifos to quickly reduce heavy cockroach infestations and the lower concentration of DDVP Vapona and Chlorpyrifos on light infestations.

WATER EMULSION			
(A) CONC. DESIRED	AMOUNT REQUIRED FOR:		MIXING RATIO
	1 gal.	6 gal.	
0.25% Chlorpyrifos & 0.25% DDVP Vapona	2 2/3 Oz.	1 Pint	1-47
0.5% Chlorpyrifos & 0.5% DDVP Vapona	5 1/3 Oz.	1 quart	1-23
OIL SOLUTION			
(A) CONC. DESIRED	AMOUNT REQUIRED FOR:		MIXING RATIO
	1 gal.	6 gal.	
0.25% Chlorpyrifos & 0.25% DDVP Vapona	2 1/5 Oz.	13 1/5 Oz.	1-58
0.5% Chlorpyrifos & 0.5% DDVP Vapona	4 1/3 Oz.	1 Pt. 10 Oz.	1-28.5

CHEM-TOX CURVAP-X

(BACK PANEL)

**DIRECTIONS FOR USE con't.**

Application within residential buildings, including homes and apartment buildings and in non-food areas of industrial, institutional and commercial buildings including non-food areas of hospitals, stores, manufacturing plants and warehouses.

**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 and 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 a small amount of material in a .25% or .5% solution directly into crack 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, junctions or switch boxes where cockroaches, ants, crickets, firebrats, and silverfish hide. 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. Use as oil base solution only around electrical equipment. Do not use water emulsion in conduits, motor housing and electrical switch boxes. Aids in the control of pantry pests (exposed stages of saw-toothed grain beetles, flour beetles, rice weevils, cigarette beetles, drugstore beetles and Indian Meal Moth) which come into contact with treated surfaces. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of 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.

**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.

CHEM-TOX DURVAP-X

((BACK PANEL)) con't.

**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.

**WARRANTY STATEMENT:** 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 OF 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.