

DRP

Mr. W. E. Blasingame  
Stephenson Chemical Co., Inc.  
P.O. box 87188  
College Park, GA 30337

FEB 15 1985

301/140884  
17/4

Dear Mr. Blasingame:

Subject: Amendments - Update label  
Stephenson Chemicals Bar-Vap 25 Emulsifiable Concentrate  
EPA Registration No. 4887-170  
Your submission dated November 12, 1984

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. Revise "For Use by Pest Control Operator. Only" to "Only For Sale to, Use and Storage by Pest Control Operators".
2. The dichlorvos (DDVP) declaration in the ingredients statement should read:  
Dichlorvos ( 2,2-Dichlorovinyl dimethyl phosphate )
3. Based on the new formula statement submitted November 20, 1984, revise the ingredients statement to read:

Xylene	59.99%
Inert Ingredients	7.49%

[Note the change in the declaration of the solvent.]

4. Add the zero in front of the decimal point in the "Related Compounds" percentage declaration (i.e. 0.62%).
5. Change the footnote "\*\*\* Active Ingredients from Shell Vapona" to "\*\*\* Active Ingredient from Vapona" since you now have several sources of dichlorvos.
6. The Directions For Use allow for use in hospitals. Due to the volatilizing nature of dichlorvos and the potential for cholinesterase inhibition, there should be a note not to apply in patients' rooms or in residential rooms occupied by sick or infirmed persons. This note should appear directly after the use site "hospitals".
7. In the Food Areas directions, revise "Apply as a fine stream..." to "Apply in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide where ....".

8. Revise the order of the Hazards to Humans section so that "poisonous if swallowed; absorbed through skin or inhaled. Causes eye and skin irritation. Rapidly absorbed through skin." appears as the first items under "DANGER". The protective clothing paragraph will then appear, followed by the paragraph beginning "Do not take internally....."
9. You may delete "ATROPINE IS THE ...." to "... to the nearest physician" from the Hazards to Humans section. You may wish to add "Keep patient prone and quiet. Transport patient immediately to the nearest hospital." to the bottom of the Statement of Practical Treatment (separated from the If In Eyes advice to avoid confusion).
10. Revise the last sentence of the Note to Physician to read:

2-PAM is also antidotal and may be administered, but only in conjunction with atropine.
11. Relocate the text currently appearing as the first paragraph of the Environmental Hazards ("For Spot..." to "...before spraying") to the general directions for use, to appear directly after the DILUTION CHART.
12. The Environmental Hazards section should then be modified to read:


This product is toxic to fish, birds, and other wildlife. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.
13. Based upon your November 20, 1984 Confidential Statement of Formula room, you should delete the word "Combustible" from the Physical or Chemical Hazards section.

Submit five (5) copies of your final printed labeling before you release the product for shipment under the revised labeling.

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-767)



# BAN-VAP 25

## Emulsifiable Concentrate

Control of House and Other Insects For Use by Pest Control Operators

**ACTIVE INGREDIENTS:**

**TOTAL**

U.S. Patent No. 2,948,400

**KEEP OUT OF REACH OF CHILDREN**

**DANGER POISON**

**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.

**CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING - SEE THE PRACTICAL TREATMENT STATEMENT**

Manufactured by  
STEPHENSON CHEMICAL CO., INC.  
COLLEGE PARK, GEORGIA

**BEST AVAILABLE COPY**

**DRAFT**  
11/2/84

ACCEPTED  
with COMMENTS  
EPA Letter Dated

FEB 15 1985

4887-170

## DIRECTIONS FOR USE

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

Ban-VAP 25 controls cockroaches, ants, crickets, firebrats, silverfish, spiders, and brown dog ticks in and around residential, institutional, and commercial buildings including food handling establishments, homes, apartment buildings, hospitals, stores and warehouses when used as directed.

### DILUTION CHART

Gallons of Spray Desired	Fluid ounces* Ban-Vap 25 to use	
Water Base	Rate I	Rate II
1	2.0 ounces	4.0 ounces
2	4.0 ounces	8.0 ounces
Oil Base		
1	1 1/2 ounces	3.0 ounces
2	3.0 ounces	6.0 ounces

\*Note: 1 fluid ounce = 2 tablespoons = 6 teaspoons

\*\*Calculated on basis of dechlorinated benzene

### FOR AREAS OTHER THAN FOOD HANDLING ESTABLISHMENTS.

**For Control of Cockroaches, Ants, Crickets, Firebrats, Silverfish, Spiders:** Use a 25% chlorpyrifos - 14% DDVP (Rate I) to control light infestations and a 5% chlorpyrifos - 28% DDVP (Rate II) 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. Repeat as necessary to maintain control.

**Brown Dog Ticks:** Thoroughly apply a 5% chlorpyrifos - 28% DDVP (Rate II) to the bedding to infected areas with the exception of the dog's nest and remove ticks and larvae along with the bedding. If the dog's nest and localized areas are infested, the bedding may be present. Old bedding if present should be removed and replaced with clean, fresh bedding after treatment. Do Not Treat Pets With This Product. Apply to the bedding only.

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**PRECAUTIONARY STATEMENT  
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)  
DANGER**

Wear natural rubber gloves, water proof clothing and goggles when handling concentrate to prepare emulsions. During fogging or mist spraying applications, wear a pesticide respirator suitably approved by the Mine Safety & Health Administration and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

**KEEP OUT OF REACH OF CHILDREN. POISONOUS IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED. CAUSES EYE AND SKIN IRRITATION. RAPIDLY ABSORBED THROUGH SKIN.**

Do not take internally. Do not get in eyes, on skin or on clothing. Avoid breathing vapors and spray mist. Wash thoroughly with soap and water after handling and before eating or smoking. Wash contaminated clothing before reuse. Keep away from food, feedstuffs, and domestic water supplies. Keep container closed. Handle concentrate in ventilated area.

**ATROPINE IS THE EMERGENCY ANTIDOTE FOR VAPONA-INSECTICIDE POISONING**

Keep patient phone and quiet. Artificial respiration immediately if patient is not breathing. Transport the patient immediately to the nearest physician.

**NOTE TO PHYSICIAN:**  
**WARNING-SYMPTOMS:** Symptoms: Dizziness, weakness, redness, tightness of chest, blurred vision, hyperactive pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

**TREATMENT:** Atropine is the specific therapeutic antagonist of choice against the 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. Morphine is contraindicated. Clear chest by postural drainage. Slight presents aspiration hazard. Oxygen

**NOTE TO PHYSICIAN** (Continued)  
administration may be necessary for 48 hours. Repeated exposure to without warning, cause prolonged doses of any cholinesterase inhibitor until time for cholinesterase repletion determined by blood test. SPAM administered in conjunction with at

**ENVIRONMENTAL**

For Spot Application Only. Do not use in animal buildings. Do not use in service. Do not allow spray to contact food. Thoroughly wash dishes and feed water if they become contaminated. Do not allow children or pets to enter has dried. Remove pets and cover spraying. This product is toxic to fish, birds of water.

**PHYSICAL OR CHEMICAL**

**COMBUSTIBLE. DO NOT USE HEAT OR OPEN FLAME.**

**STORAGE & DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed. Pesticide disposal: Pesticide wastes are toxic. Labels, spray mixture, or residues in a container cannot be disposed of. Instructions, contact your State Agency, or the Hazardous Waste EPA Regional Office for guidance.  
**CONTAINER DISPOSAL:** Plastic - Triple rinse (or equivalent) and recycle where possible. Metal - Triple rinse (or equivalent) and recycle where possible.

EPA Reg. No. 487170

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### FOOD HANDLING ESTABLISHMENTS

For Control of Cockroaches, Ants, Crickets, Firebrats, Silver Fish, Spiders, etc.

**Food Areas** — Includes receiving, serving, storage (dry, cold, frozen, raw), packaging (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage, enclose processing systems (mills, dairies, edible oils, syrups). All food processing surfaces should be thoroughly cleaned before using. When using this product in these areas, apply only when plant is not in operation. Use a 25% chlorpyrifos - 14% DDVP (Rate I) to control light infestations and a 5% chlorpyrifos - 28% DDVP (Rate II) to quickly reduce heavy infestations.

Apply as a fine stream in small amounts to cracks and crevices where insects hide or through which they may enter the building. Includes expansion joints, spaces between equipment and floors, and openings leading to voids and hollow spaces in walls, equipment legs and bases. Any material which may come into contact with areas outside of cracks and crevices must be completely cleaned up using soap and water followed by rinsing with potable water.

Care should be taken to avoid introducing this material into the air. Applications of this product in the food areas of food handling establishments, other than as a crack and crevice treatment, are not permitted.

**Non-Food Areas** — Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling).

Use a 25% chlorpyrifos - 14% DDVP (Rate I) to control light infestations and a 5% chlorpyrifos - 28% DDVP (Rate II) to quickly reduce heavy infestations. Apply as a coarse wet spray or with a paint brush to localized areas where these pests are found or normally occur, including dark corners of rooms or closets; cracks and crevices in walls, along and behind baseboards; beneath and behind sinks, tables, lockers, pallets, around plumbing and other utility installations where insects hide or through which they may enter.

### NOTICE

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

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