

Reg # 5602-173

PM-13

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 10 1993

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Mr. Gary Hutton  
Hub States Corporation  
8455 Keystone Crossing, Suite 150  
Indianapolis, IN 46420-4303

Dear Mr. Hutton:

Subject: Labeling Amendment; Adding Instructions for Peanuts  
A-41 20% DDVP Insecticide  
EPA Registration No. 5602-173  
Your Submission Dated February 19, 1993

The labeling 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. Under Preparation of Factory or Warehouse Areas the statement should read "The timer must be set to deliver 2.5 grams Hub States A-41 per 1,000 cubic feet . . ."
2. Revise the statement under Entomological Recommendation to read ". . in food warehouses, storage areas, and plants above bulk, packaged or bagged raw or processed food . . not . . etc. Raw commodities include . . nuts, tobacco, grains, and peanuts."
3. Following the sentence beginning "Each aerosol will control the listed . . ." add the following instruction. Use only the space around the commodity (not the space occupied by the commodity) when calculating space to be treated."
4. The reentry interval should be six hours, not five hours. Make this correction wherever it appears on the label.

CONCURRENCES

SYMBOL							
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Submit three copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely,

George T. LaRocca  
Product Manager 13  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

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AN AEROSOL INSECTICIDE CONTAINING

# 20% DDVP INSECTICIDE

FOR WAREHOUSE INSECT CONTROL IN NON-RESIDENTIAL FOOD-HANDLING AREAS.

**ACTIVE INGREDIENTS:**

22-Dichlorovinyl Dimethyl Phosphate (DDVP) .....	By Weight	18.6%
Related Compounds .....		1.4%
<b>INERT INGREDIENTS</b> .....		<b>80.0%</b>
<b>TOTAL</b> .....		<b>100.0%</b>



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**KEEP OUT OF REACH OF CHILDREN  
VAPOR EXTREMELY HAZARDOUS**

## DANGER! POISON

### STATEMENT OF PRACTICAL TREATMENT

*If swallowed* - Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

*If inhaled* - Remove victim to fresh air. Apply respiration if indicated.

*If on skin* - Remove contaminated clothing and wash affected areas with soap and water.

*If in eyes* - Flush eyes for at least 15 minutes with water. Call a physician immediately.

**CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING** • Keep patient prone and quiet - start artificial respiration immediately if patient is not breathing • Transport the patient immediately to the nearest physician.

**SEE RIGHT PANEL FOR ADDITIONAL PRECAUTIONS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Placard must be placed outside of treated area indicating danger, location and time of safe re-entry. Poisonous if swallowed, inhaled or absorbed through skin. Read all of label carefully. Use only as directed. Keep away from flame. Do not breathe vapor. Do not get vapor or liquid on skin. Do not get liquid in eyes. Keep away from feed and food products. Do not use in occupied areas. **ALWAYS WEAR PROTECTIVE CLOTHING AND AN APPROVED RESPIRATOR WHEN APPLYING:** Wear a pesticide respirator jointly approved by the U.S. Occupational Safety and Health Administration (MSHA) and the National Institute for Occupational Safety and Health (NIOSH) under the provisions of 30 CFR Part 117 against dichlorvos.

A Product of

**HUB STATES CORPORATION • Indianapolis, IN 46240**

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

JUN 10 1993

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

5602-173

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

**DANGER**

**DO NOT CONTACT THE SKIN.** Gloves impervious to DDVP should be worn. All skin surfaces should be completely covered with protective clothing (coveralls and hats) during application.

**DO NOT INHALE DDVP MIST.** Wear a pesticide respirator jointly approved by the Mine Safety and Health Administration (MSHA) and the National Institute for Occupational Safety and Health (NIOSH) under the provisions of 30 CFR Part 11 for protection against dichlorvos.

**ADEQUATE PERSONAL HYGIENE AND CLEANLINESS** are necessary. After applying remove clothing and bathe thoroughly with warm water and soap. Wash clothing before re-use.

**DO NOT CONTAMINATE FOOD,** smoke, eat or chew tobacco in the operation area.

**NOTE TO PHYSICIAN**

**POISONING SYMPTOMS:** Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point 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.

• 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 for cholinesterase regeneration has been allowed as determined by blood test.

**PHYSICAL OR CHEMICAL HAZARDS**

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130 F may cause bursting.

**STORAGE AND DISPOSAL**

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

Storage: Do not use or store near heat or open flame.

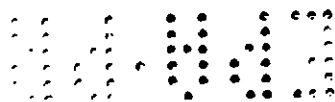
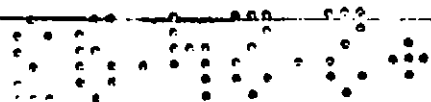
Disposal: This cylinder is refillable; return to manufacturer for deposit or exchange when empty.

**THIS CYLINDER IS REFILLABLE BY MANUFACTURER**

Return to Manufacturer for Deposit or Exchange when Empty.

**EPA Est. 5602-SC-01**

**EPA Reg. No. 5602-173**



CIGARETTE BEETLE, AND CADELLE in food warehouses and plants containing non-perishable packaged or bagged war or processed food commodities as well as bulk grains and animal feed. Processed foods include flour, sugar, cereals, packaged cookies and crackers. Raw commodities include bagged or bulk field dried beans and peas, cocoa beans, nuts and grains.

HUB STATES A-41 cannot be used where processed foods requiring refrigeration are stored. It cannot be used where raw commodities such as eggs, milk, poultry, of fresh fruits and vegetables are stored.

**PREPARATION OF FACTORY OR WAREHOUSE AREAS:** Hub States A-41 automatic insect control systems can be installed only under supervision of personnel trained by Hub States Corporation. The aerosols must be attached to permanently mounted brackets and fitted with solenoid applicator valve. Each aerosol will control listed insects in an area up through 50,000 cubic feet of space. As many as 60 units can be wired in series and activated through the use of a single A-41 timer.

The timer must be set to deliver 2.5 grams Hub States A-41 per cubic feet of space (0.5 gram DDVP per 1,000 cubic feet).

Optimum results are obtained when daily applications are made as migrations are minimized. Hub States A-41 insecticide does not penetrate containers and infested product should be fumigated or treated by other effective methods approved for this purpose.

Treatments must be made during hours when buildings are unoccupied. All entrances must be locked and DANGER signs must be placed at all entrances indicating the hours of application and time of safe re-entry.

Treated areas should not be entered for a period of five hours after application.

Floors should be removed or covered during treatment. All food processing surfaces must be covered during treatment or be thoroughly cleaned before using.

#### DIRECTIONS FOR APPLYING HUB STATES A-41 OVER FARMER STOCK BULK PEANUTS

**ENTOMOLOGICAL RECOMMENDATIONS:** When applied as an aerosol, Hub States A-41 is recommended for use in farmer stock (bulk) peanut warehouses for the control of the Almond Moth, *Ephesia cautella* (Walker) and the Indian Meal Moth, *Plodia interpunctella* (Hbn.)

**GENERAL INFORMATION:** Hub States A-41 applied as an aerosol in warehouse areas kills by contact. The vapor will give good control for months and will also kill exposed larvae.

Peanut insects are most active between 5:00 P.M. and midnight. For this reason, aerosols applied between 5:00 P.M. and midnight give best results. Large quantities of peanuts can be treated rapidly and with relative economy.

**PREPARATION OF WAREHOUSE AREAS:** The preparation of warehouse areas is based primarily on the number of cubic feet of area to be treated. Several Hub States A-41 units can be mounted and wired in series. This enables two or more units to be activated simultaneously through the use of a single electrical switch. The number of units is based on an application rate of 2.5 grams of Hub States A-41 per 1,000 cubic feet (0.5 gram of DDVP per 1,000 cubic feet). A single automatic Hub States A-41 unit activated for a period of 45 seconds would treat approximately 50,000 cubic feet of area.

Treated warehouses should not be entered for a period of five hours after application, or until aerosol particles have settled.

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The mechanical equipment used in the application of this insecticidal composition is covered by United States Patent Number 3,209,950, owned by Hub States Corporation.

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DOT SHIPPING NAME  
COMPRESSED GAS, n.o.s.

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