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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

5602-200

Date of Issuance:

APR 22 1998

Term of Issuance: Conditional

Name of Pesticide Product:

A-41 20% DDVP Insecticide

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Hub States Corporation
8455 Keystone Crossing, Suite 150
Indianapolis, IN 46240-4303

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Submit a complete acute toxicity battery (six studies) within 18 months from the date of this notice. You agreed to this condition in your letter to the Agency dated December 17, 1997. We will inform if studies may be bridged between your other products, EPA Reg. Numbers 5602-ROI and 5602-199. Also we note product chemistry data for this formulation has not been submitted. Please submit this information within six months from the date of the label

3. Make the following label changes:

a. Move the section "Nonfood/feed processing and manufacturing.....or bottling)" after the section describing "food/feed processing establishments."

Signature of Approving Official:

Date:

- b. On the front panel revise the claim as follows: "For Warehouse Insect Control containing non-perishable, packaged or bagged raw or processed food/feed commodities or bulk raw or processed food/feed commodities and in the Nonfood/feed areas of food/feed handling establishments."
- c. Add the following to the Directions For Use: "Not for use in Federally Inspected Meat and Poultry Plants."
- d. Add to your precautionary statements, the identical Required Protective Clothing statement found on Amvac's Technical Labeling. Replace what is currently on your labeling.
- e. Under Environmental Hazards revise to statement as follows, "Do not contaminate water by disposal of equipment washwaters."
- f. Under the heading Storage and Disposal add, "Do not contaminate water, food or feed by storage or disposal."
- g. Revise the statement to read "When using warehouses, plants in food/feed processing and manufacturing, handling and storage areas: Apply....."
- h. Delete "Institutional" from front panel statement since there are no institutional sites listed on label.
- i. The Note: Use is Prohibited In and airing out and reentry paragraphs should follow the peanut warehouse directions since these precautions pertain to all uses on the label.
- j. Following the end of the paragraph identified in comment (h) above add: "Note: Food warehouses, food processing, manufacturing and service plants must contain only non-perishable packaged or bagged, raw or processed food commodities. Do not fog areas containing perishable foods as identified above."
- k. Add the phrase, "EPA Registration No. 5602-200."

4. Submit two copies of the revised final printed label for the record. 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 (13)
Insecticide Branch
Registration Division (7505C)

A-41
20% DDVP Insecticide

FOR SALE TO, USE AND STORAGE BY COMMERICAL, INDUSTRIAL
AND INSTITUTIONAL APPLICATORS ONLY.
FOR WAREHOUSE INSECT CONTROL IN NON-RESIDENTIAL FOOD-HANDLING AREAS.

ACTIVE INGREDIENTS:

Dichlorvos (2,2-Dichlorovinyl dimethyl phosphate).....	18.60%
Related Compounds.....	1.40%
INERT INGREDIENTS:.....	80.00%

Total 100.00%



KEEP OUT OF REACH OF CHILDREN

DANGER POISON



See side and back panels for additional precautionary statements

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Posion Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. If possible, vomiting should be induced under medical supervision. 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 with plenty of water. Call physican immediately.

NOTE TO PHYSICIAN AND ANTIDOTE STATEMENTS

Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally.

POISONING SYMPTOMS: Symptoms include weakness, headaches, 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. 1-PAM is also antidotal and may be administered with Atropine. Morphine is contra-indicated. Clear chest by postural drainage.

Repeated exposure to cholinesterase inhibitors may without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor.

Allow no further exposure until cholinesterase regeneration has been allowed, as determined by blood test.

NET CONTENTS:
EPA REG. NO. 5602-

LOT NO.
EPA EST NO.

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 22 1998

THIS CYLINDER IS REFILLABLE BY MANUFACTURER
Return to Manufacturer for Deposit or Exchange when Empty

MANUFACTURED BY:

HUB STATES CORPORATION, Indianapolis, IN. 46240

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

5602-200

PRECAUTIONARY
STATEMENTS
HAZARDS TO HUMANS &
DOMESTIC ANIMALS
DANGER

Fatal if swallowed, inhaled or absorbed through the skin or eyes. Do not get in eyes, on skin, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse. Do not breathe vapor or spray mist. Rapidly absorbed through skin. Wear natural rubber gloves, waterproof protective clothing and goggles when handling. Wear a 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 II.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water or wetlands. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not puncture. Do not use or store near heat or open flame. Exposure to temperatures above 130 F may cause bursting. Never throw container into fire or incinerator.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of 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: Return empty cylinder for reuse.

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IMPORTANT- First read the precautions on Right Panel of label.

GENERAL INFORMATION: Hub States A-41 is an aerosol designed for use only with Hub States Corporation automatic application device. Applied as an aerosol in warehouse or plant areas. It kills by contact and the insecticide releases a vapor which continues to kill for three to four hours.

A-41 is a specially formulated insecticide designed for use in the control of exposed stages of stored products insects infesting warehouses containing non-perishable, packaged or bagged raw or processed food/feed commodities.

The term "non-perishable" means any raw or processed food/feed not subject to rapid decay or deterioration that would render it unfit for consumption. Raw commodities would include: Animal feed, cocoa beans, dried beans, grain crops, peanuts, soybeans and nut crops. Raw commodities do not include: eggs, milk, meat, poultry, fish, fresh fruits and vegetables. Processed food/feed would include: flour, sugar, cereals, packaged goods and crackers. Processed food/feed do not include: hermetically sealed food/feed or manufactured dairy products and other processed food/feed requiring freezing or refrigeration.

ENTOMOLOGICAL RECOMMENDATIONS: Hub States A-41 can be used for control and prevention of migration of exposed stages of stored product insects, granary weevils, rice weevils, yellow meal worm, mediterranean flour moth, angoumois grain moth, almond moth, lesser grain borer, tobacco moth, cock-roaches, cadelle, ants, spiders, silverfish, fleas, earwigs, waterbugs, confused flour beetles, saw-toothed grain-beetles, cigarette beetles, Indian-mealmoths, and cocoa bean moths.

For use in warehouses, silos, bulk bins and food/feed processing, food/feed manufacturing, handling and storage plants containing non-perishable, packaged or bagged raw or processed food/feed commodities or bulk raw or processed food/feed commodities and non-food/feed areas of processing/manufacturing plants, at 2.0 grams a.i./1000 cubic feet maximum.

Non-food/feed processing and manufacturing plant use areas include 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).

When using in food/feed processing, food/feed manufacturing, handling and storage areas: Apply only during times when plant is not in operation and no food/feed products are exposed. If bulk, unpackaged food/feed are exposed, remove or cover before treatment begins. All food/feed processing surfaces should be covered during treatment or thoroughly cleaned with a USDA approved cleaner and rinsed with potable water before processing is resumed.

NOTE: USE IS PROHIBITED IN:

Food/feed manufacturing establishments: bottling plants (including wineries, breweries, soft drinks), frozen food/feed (including pizza plants and ice cream plants) excluding non-food/feed manufacturing areas.

Food/feed processing establishments: meat, poultry and seafood slaughtering and/or packing plants (including edible fats and oils), frozen food/feed plants (including fruit and vegetables), dairy product plants (including milk processing plants) excluding non-food/feed processing areas.

P. 13 6077
A-41 treatments should be made during the hours when buildings are unoccupied. Buildings treated should be closed and ventilation kept at a minimum during application. Lock all entrances and do not allow unprotected workers to enter buildings during treatment. Place WARNING signs at all entrances stating: "THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS".

THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR 24 HOURS OR, UNTIL A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE (e.g. a Drager Tube) INDICATES THAT THE DDVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN, 50% OF THE PEL (0.1 PPM). AN AIR CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT.

DO NOT ENTER PRIOR TO () AM OR PM ON () (DATE)
WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DDVP ARE 50% OF THE PEL OR LESS.

Fogging: A-41 should be applied with a timer or device at the rate of 2.5 to 10 grams per 1000 cubic feet. (This gives 0.5 to 2 grams of actual DDVP per 1000 cubic ft). THIS CYLINDER CONTAINS () grams of 20% DDVP. This will yield () treatments of 50,000 cubic feet at 2.5 grams per 1000 cu. ft. A-41 continues to kill insects from 2 to 4 hours after application. A-41 does not penetrate containers and infested products should be treated by other methods approved for this purpose. It is recommended that A-41 be used at 60 F or above.

Keep a minimum of a 7 day interval between applications except on cocoa beans and raw (unshelled) peanuts where daily applications do not exceed 0.5 grams a.i. per 1000 cubic feet of head space.

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, *Ephestia 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 moths 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 DDVP per 1,000 cubic feet). A single automatic Hub States A-41 unit will treat up to 50,000 cubic feet of area. (Refer to applicable timing chart).

This 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.

WARRANTY

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use but neither this warranty nor any other WARRANTY or MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE express 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.