

pm 03

5481-206

10/22/97

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OCT 22 1997

Mr. H. R. McLane
H. R. McLane, Inc.
7210 Red Road, Suite 206
Miami, FL 33143-5321

Dear Mr. McLane:

Subject: Label Amendment in Response to Basic Supplier's Deletion of Certain DDVP Uses
DDVP 20% Spray Concentrate
EPA Registration No. 5481-206
Your Submission Dated November 7, 1996

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 indicated below prior to release for shipment of product bearing the amended labeling:

1. Under "Indoor Pest Control" add: "For indoor use, only crack and crevice treatments are permitted. Space spray use is prohibited."
2. Since agricultural uses are also listed add the top front panel "For Agricultural/Commercial Use Only. Not for Sale For Any Other Uses."
3. Under livestock applications add "Do not make direct application to livestock more frequently than once per day."
4. Under Indoor Pest Control add, "Not for Use in Federally Inspected Meat and Poultry Plants."
5. Under Environmental Hazards the statement should read "Do not contaminate water by disposal of equipment washwaters."
6. Under Precaution Statements add: "Do not treat more than 5 application sites per day and do not make DDVP applications more than once per week."
7. Under Outdoor Pest Control for use as a spray add the following: "Do not apply by air. Do not apply to rangelands."

Submit two copies of each final printed labeling before you release the products for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

ADS
 ply directly to water. Do not apply where
 is favor drift from areas treated. Do not
 let. This pesticide is highly toxic to bees
 area. Do not apply when bees are visiting
 vent area. Applications should be timed
 and the next period of bee activity.

ZARDS
 if or open flame.

POSAL
 inconsistent with its labeling.
STORAGE: Store product in original
DISPOSAL: Pesticide wastes
 spray mixture or rinse is a violation of
 rding to label instructions, contact your
 Hazardous Waste representative at the
WASHING: (Metal) Triple rinse (or equivalent)
 use of in a sanitary landfill, or by other
 ple rinse (or equivalent). Then offer for
 lary landfill or incineration, or, if allowed

For Sale to, Use and Storage by
 Licensed Pest Control Operators Only.

DDVP 20%

SPRAY CONCENTRATE

ACTIVE INGREDIENTS:

Dichlorvos [2,2-dichlorovinyl dimethyl phosphate]*	18.6%
Related Compounds*	1.4%
INERT INGREDIENTS:**	80.0%
Total	100.0%

*Equity to 20.0% DDVP insecticide or 1.59 lbs./gallon. **Contains Xylene Range Aromatic Solvent

KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO
POISON

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
 (If you do not understand the label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. **DO NOT INDUCE** vomiting unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting give victim one or two glasses of water & insert finger in back of throat. 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. Give artificial respiration if needed. Get medical attention immediately. **IF ON SKIN:** Remove contaminated clothing and wash affected area immediately with soap and water. Call a physician immediately. **IF IN EYES:** Immediately flush eyes with plenty of water and call a physician.

SEE NOTE TO PHYSICIAN AND POISONING SYMPTOMS

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. 2 PAM is also antidotal and may be administered in conjunction with Atropine. 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Poisonous if swallowed, inhaled or absorbed through the skin. Rapidly absorbed through the skin. Repeated inhalation or skin contact may without symptoms, progressively increase susceptibility to DICHLORVOS (DDVP) poisoning. Do not swallow or get in eyes, on skin or on clothing. Do not breathe vapors. Do not contaminate food or feed products.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options follow the instructions of category "C" on an EPA chemical resistance category selection chart in the Worker Protection Standard.
Applicators, and other Handlers must wear: Coveralls over long sleeve shirt and long pants. Chemical Resistant gloves such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride or Viton. Chemical resistant footwear plus socks. Protective eyewear. Chemical-resistant headgear for overhead exposure. Chemical resistant apron required for mixing/loading and cleaning equipment. A respirator with either an organic vapor removing (O/V) cartridge with a prefilter approved for pesticides (MSHA/NIOSH) approval number prefix TC-23C, or a canister approved for pesticides (MSHA/NIOSH) approval number prefix (TC-14G).
Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

EPA REG. NO. 5481-206 NET CONTENTS 30 GALLONS EPA EST. NO. 5481-CA-1

AMVAC CHEMICAL CORPORATION
 4100 EAST WASHINGTON BLVD.,
 LOS ANGELES, CA 90023 U.S.A.

ANIMAL BUILDINGS (Continued)

HOW TO APPLY - Before applying in enclosed areas, reduce air movement as much as possible by closing doors, windows and other openings. Spray around doorways, feed storage rooms, alleyways and window sills. Do not contaminate milk or milking utensils. Do not treat animals or humans. Do not contaminate water, feed or foodstuff. Repeat as necessary. In poultry houses apply to manure, windward walls, outside of penned enclosures and on floor of feed storage rooms

AS A FOG - INSECTS - Flies, Gnats, Mosquitoes.

IMPORTANT PRECAUTIONS: Remove animals before fogging. Applicator must not remain in treated area. Start application at far end of building and backup towards exit while treating. Keep area closed for at least 10 minutes to kill resting adult flying insects. After treatment the area should be opened up and ventilated prior to reoccupying by humans or animals.

MIXING RATE - Use a 0.5% to 1.0% fogging solution by mixing 1 Quart of this product with 11 Gallons diesel oil for 0.5% and for 1.0% dilute 1 Gallon per 22 Gallons of diesel oil.

HOW TO APPLY - Apply with fogging or misting equipment at the rate of 1 quart of the 0.5% solution or 1 pint of the 1.0 % solution per 8,000 Cubic Feet. Before applying reduce air movement as much as possible by closing doors, windows and other openings. Do not contaminate water, feed or foodstuffs, milk or milking utensils. Do not use in areas where animals have received direct applications of DDVP within 8 hours.

CATTLE FEED LOTS, STOCKYARDS, HOLDING PENS, CORRALS

INSECTS - Flies, Gnats, Mosquitoes.

MIXING RATE - Use a 0.5% DDVP solution by mixing 1 Quart of this product with 9 1/2 Gallons of water

HOW TO APPLY - Apply with a Mist Blower or other suitable equipment as an overall application at rate of 0.2 pounds of Technical DDVP per acre (Approximately 5 gallon of the 0.5% solution). Particular attention should be given to areas where flies congregate such as fences, spillage areas, around feed bunks, and walls of building. Animals may be present during treatment. Avoid direct application to exposed feed and water.

DAIRY AND BEEF CATTLE APPLICATIONS

AS A SPRAY - INSECTS - Horn Flies, Stable Flies, Face Flies, House Flies, Mosquitoes.

MIXING RATE - Use a 1.0% DDVP solution by mixing 1 Gallon with 19 Gallons of water.

HOW TO APPLY - Apply 2 fluid ounces per animal as a mist daily with hand or an automatic sprayer. Spray to cover all parts of the animal, including the legs but do not wet the skin. Do not apply in excess of 2 fluid ounces per animal per day. This may be made in two application of one ounce in morning and one ounce in the evening. For Horn Flies, direct the spray to the back line, withers, and belly. For Face Flies spray the forehead taking care to avoid getting spray in eyes.

IMPORTANT PRECAUTIONS WHEN APPLYING TO ANIMALS

Do not apply to young calves under 6 months old. After treating Dairy Cattle, wash the teats with an approved cleaning solution and then dry them prior to milking. Do not treat sick or convalescing animals. Do not treat Brahman or Brahman-Cross cattle, as they may show hypersensitivity to organophosphate insecticides. Do not apply dermally in conjunction with Trichlorfon and do not use on animals simultaneously or within a few days before or after treatment with, or exposure to, cholinesterase inhibiting drugs, pesticides or chemicals.

FOR BAITED SOLUTION, sugar may be added at the rate of 1 pound per gallon of the 1.0% solution. To use for control of Face Flies apply approximately 3 ml of this to the forehead of the animal by making a single 6 inch stroke with a paint brush. Treat in morning while dairy animals are in the barn.

IMPORTANT: PLEASE READ BEFORE USE

By using this product, the user accepts the following: **LIMITED WARRANTY:** AMVAC warrants that (a) this product conforms to the chemical description on its label; (b) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used in accordance with its directions; and (c) that the directions, warnings, cautions, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and plants, of residues on food crops, and upon reports of field experience. Testing has not been performed on all varieties of food crops, and plants, in all states, or under all application, weather and crop conditions. There are no express warranties other than those set forth herein. Amvac neither makes nor intends, nor does it authorize any agent or representative to make, any other warranty, express or implied. Amvac expressly excludes and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality or performance. This warranty does not extend to, and the user shall be solely responsible for, any loss or damage which results from the use of this product in any manner which is inconsistent with this label's directions, warnings or cautions.

User's exclusive remedy and Amvac's or seller's exclusive liability for any claim, loss, damage, or injury resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort, or otherwise, shall be limited, at Amvac's option, to replacement of, or repayment of the purchase price for, the quantity of product with respect to which damages are claimed. In no event shall Amvac or Seller be liable for special, indirect, or consequential damages resulting from the use or handling of this product. (5481-206.PM5111-06-96)

FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY
 TRANSPORTATION: CHEMTREC - 1-800-424-9300
 MEDICAL: HAZARD INFORMATION SERVICES (H.I.S.) 1-800-228-5635 Ext. 169

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

CONTROL

houses (non-food storage)
 drains (to sewers) entries and vesti-
 cles, mop closets, and storage (after
 clothes, and other small flying insects.

this product with 9 1/2 Gallons of water,
 r to localized areas insects may infest
 r frames, and localized areas of floors.
 idren and do not allow them in treated
 od containers or cooking utensils. Do
 h as patient rooms, wards, nurseries,
 infants, or the sick or aged are, or will
 in food handling areas of restaurants,
 cating plants. Do not use to treat non-
 agricultural commodities.

CONTROL

Picnic Areas, Backyard Areas,
 e Areas around Service Stations,

1 Gallon in 19 Gallons of water or 1

operator or mist blowers at the rate of
 ide per acre. Do not treat areas where

os, Roaches, Flies, Ants, Sowbugs,
 f this product with 9 1/2 Gallons of
 at spray at the rate of 1 quart per 1,000
 ler, food, food containers or cooking
 to a 3% fog or mist solution to control
 outdoor areas.

GE DUMPS

1 to 2 quarts of 0.5% spray solution

S
 of 1 quart of 0.5% spray solution per
 use dosage to 2 quarts of 0.5% spray
 and water before treating.

GS

Outdoor Areas.
 Roaches, Fleas, Ants, Sowbugs, &

this product with 9 1/2 Gallons of
 0 Sq. Ft.