

August 31, 2004

Jon C. Wood,
Regulatory Manager
AMVAC Chemical Corporation
4695 MacArthur Court, Suite 1250
Newport Beach, CA 92660

Subject: Labeling Amendment per PR Notice 2001-1
EPA Reg. No. 5481-204
ALCO DDVP 4-E Emulsifiable Concentrate
Your submission dated October 14, 2003

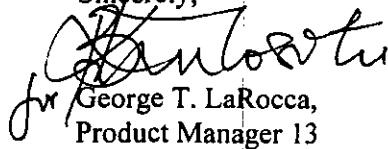
Dear Mr. Wood:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the following comments:

- **First Aid Statement**, second sentence under "If swallowed": Change "Have a person sip ..." to "Have person sip ...".
- **Environmental Hazards**, first line: Delete "Do not apply where run-off is likely to occur". This statement is not enforceable.
- **Warranty Statement**, last sentence: Change "In no event ..." to "To the fullest extent permitted by law, the manufacturer or seller shall not be liable ..."

A stamped copy of the accepted label is enclosed for your records. Please submit a copy of the revised final printed label to the Agency before distributing or selling this product.

If you have any questions concerning this action, please contact Dr. B. A. Akinlosotu of my team at (703) 605-0653.

Sincerely,

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

Enclosure: Stamped copy of label
baa: 5481-204: 08-31-04

CONCURRENCES							
SYMBOL	7505C						
SURNAME	Akinlosotu						
DATE	8/31/04						

ALCO[®] DDVP 4-E EMULSIFIABLE CONCENTRATE

FOR AGRICULTURAL / COMMERCIAL USE ONLY.
NOT FOR SALE OR FOR ANY OTHER USES.

AUG 31 2004

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

5481-204

ACTIVE INGREDIENT:

Dichlorvos (2,2-Dichlorovinyl dimethyl phosphate)* 41.4%
Related Compounds 3.1%

INERT INGREDIENTS:** 55.5%

TOTAL: 100.0%

*Equivalent to 44.5% DDVP Insecticide or 4 lbs./gal.

**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.)

FIRST AID Organophosphate	
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:	
Transportation: CHEMTREC.....	1-800-424-9300
Other: AMVAC.....	1-323-264-3910
NOTE TO PHYSICIAN	
<p>POISONING SYMPTOMS: Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pinpoint 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.</p>	

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. 5481-204
EPA Est. No. 5481-CA-1

Net Weight:
As Marked on Container



4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A.
1-323-264-3910 • www.amvac-chemical.com

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 and 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. **This product contains a solvent which may present aspiration hazard. 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.~~

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Poisonous if swallowed, inhaled or absorbed through the skin. Rapidly absorbed through 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. Do not treat more than five (5) application sites per day and do not make DDVP applications more than once per week.

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-sleeved 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
- 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) or a NIOSH approved respirator with an organic vapor-removing (O/V) cartridge or canister with any R, P or HE prefilter.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not apply where run-off is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on treated area. Do not apply when bees are visiting ornamentals, weeds, or other vegetation blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

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

OUTDOOR PEST CONTROL

FOGGING AND MISTING

Outdoor Living Areas, Picnic Areas, Backyard Areas, Patios, Loading Docks, Outdoor Latrines, Parking Areas, Refuse Areas around Service Stations, Open Air Drive-Ins, Garbage Collection and Disposal Areas.

INSECTS: Flies, Mosquitoes, Gnats

MIXING RATE: Use a 1% fogging or misting solution by mixing 1 quart with 12 gallons of water or 1 quart with 14 gallons of diesel oil.

HOW TO APPLY: Apply the 1% fogging solution with fogging apparatus or mist blowers at the rate of 5 to 10 pints per acre (equivalent to 0.05 to 0.10 pound DDVP insecticide per acre). Do not treat areas where food or feed crops are growing. AS A SPRAY for the control of flies, gnats mosquitoes, roaches, fleas, ants, sowbugs and brown dog ticks, use a 0.5% spray solution by mixing 1 pint of this product with 6 gallons of water or 1 pint in 7 gallons of diesel oil. Apply as a coarse wet spray at the rate of 1 quart per 1,000 sq. ft. Do not treat animals or humans. Do not contaminate water, food, food containers or cooking utensils. Repeat as necessary. This product may be used as a 1% to a 3% fog or mist solution to control flies, mosquitoes, wasps, gnats and other small flying insects in outdoor areas.

MANURE PILES, GARBAGE DUMPS

For the control of fly maggot breeding areas, apply at the rate of 1 to 2 quarts of 0.5% spray solution per 100 sq. ft. Use 1 quart of 1% solution.

DOG KENNELS

Apply to outside dog runways, windowsills and ledges at the rate of 1 quart of 0.5% spray solution per 1,000 sq. ft. For the control of fleas and brown dog ticks, increase dosage to 2 quarts of 0.5% spray per 1,000 sq. ft. NOTE: Remove dogs and cover or remove feed and water before treating.

ANIMAL BUILDINGS

Horse Barns, Dairy Barns, Shelter Sheds, Milk Sheds, Piggens, Outdoor Areas

AS A SPRAY

INSECTS: Flies, gnats, mosquitoes, roaches, fleas, ants, sowbugs and brown dog ticks. **IMPORTANT:** Applicator should wear an approved respirator when using this product indoors and should vacate the area after treatment. See Hazards to Humans and Domestic Animals paragraph.

MIXING RATE: Use a 0.5% spray solution by mixing 1 pint of this product with 12 gallons of water. Apply as a coarse wet spray at the rate of 1 quart per 1,000 sq. ft.

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 windowsills. Do not contaminate water, feed or foodstuff. Repeat as necessary. Animals may be present during treatment. In poultry houses, apply to manure, windowsills, outside of penned enclosures and floor of feed storage rooms.

AS A FOG

INSECTS: Flies, gnats, and mosquitoes.

IMPORTANT PRECAUTIONS: Remove animals before fogging. Applicator must not remain in treated area. Start application at far end of building and backup toward 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 pint of this product with 14 gallons of diesel oil for 0.5% and for 1.0% dilute 1 quart per 14 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 and mosquitoes.

MIXING RATE: Use a 0.5% DDVP solution by mixing 1 pint of this product with 12 gallons of water.

HOW TO APPLY: Apply with a mist blower or other suitable equipment as an overall application at the rate of 0.2 pounds of Technical DDVP per acre (approximately 5 gallons 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 buildings. 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 and mosquitoes.

MIXING RATE: Use a 1.0% DDVP solution by mixing 1 quart of this product with 12 gallons of water.

HOW TO APPLY: Apply 2 fl oz of mix per animal daily as a mist 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 applications of 1 fl oz in the morning and 1 fl oz 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:** 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-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. Do not make direct application to livestock more frequently than once per day.

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 paintbrush. Treat in morning while dairy animals are in the barn.

STORAGE AND DISPOSAL

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

STORAGE: Store product in original container in a cool, dry, locked place out of reach of children.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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 nearest State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER DISPOSAL: [Metal] 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] Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES 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 THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT, SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:

—Transportation: CHEMTREC	1-800-424-9300
—Other: AMVAC	1-323-264-3910

AMVAC Chemical Corporation
4100 E. Washington Boulevard
Los Angeles, CA 90023 U.S.A.
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1-323-264-3910