

5481-204

4/15/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 15, 2013

Ms. Kaila Moran
Amvac Chemical Corporation
4695 MacArthur Court, Suite 1250
Newport Beach, CA 92660

Subject: Amended Reregistration Label
Product Name: ALCO DDVP 4-E Emulsifiable Concentrate
EPA Registration Number: 5481-204
EPA Decision Number: 393460

Dear Ms. Moran:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the reregistration of the referenced product in connection with the Dichlorvos RED and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 3/14/2012

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Dana Pilitt, Ph.D. at (703) 305-7071 or via e-mail at pilitt.dana@epa.gov .

Sincerely,

Dana R. Pilitt

for Mark Suarez
Product Manager (13)
Insecticide Branch
Registration Division (7504P)

*Enclosures: Label stamped "Accepted", dated April 15, 2013
Acute Toxicity Review, dated October 26, 2009
Product Chemistry Review, dated April 2, 2012*

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Restricted Use Pesticide
Due to Primary Eye, Primary Dermal and Acute Oral Toxicity For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

ALCO[®] DDVP 4-E

EMULSIFIABLE CONCENTRATE

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

ACTIVE INGREDIENT:

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

INERT INGREDIENTS:**..... 58.6%

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.)

ACCEPTED
APR 15 2013
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5481-204

FIRST AID

Organophosphate

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.
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 swallowed:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. 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.

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:

For Medical Emergencies phone:.....1-888-681-4261
For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC.....1-800-424-9300
For Product Use Information phone : AMVAC.....1-888-462-6822

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Contain petroleum distillates. May pose an aspiration pneumonia hazard. **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.

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. 1-888-462-6822

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or on clothing. May be fatal if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear protective eyewear (goggles or face shield). Coveralls worn over long sleeved shirt and long pants, socks, and chemical resistant footwear, chemical resistant gloves (Barrier laminate or Viton, selection category G). A NIOSH-approved respirator with: an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHAINIOSH approval number prefix TC 23C) or a canister approved for pesticides (MSHAINIOSH approval number prefix TC-14G) or an organic-vapor removing cartridge or canister with any N,R,P, or HE prefilter. When mixing, loading, or cleaning equipment wear a chemical resistant apron.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton
- shoes and socks
- A NIOSH-approved respirator with: an organic vapor-removing 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 an organic vapor-removing cartridge or canister with any N, R, P or HE prefilter.

User Safety Requirements

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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

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.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store the product near heat or open flame.

DIRECTIONS FOR USE

Restricted Use Pesticide. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only handlers wearing specified PPE may be in the area during application.

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- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
 - Do not enter or allow others to enter until sprays have dried.
 - Use in hand held fogger or hand held smoke generator equipment is prohibited.
 - Use in residential sites as a crack and crevice or space spray is prohibited.
 - Use on lawns, turf or ornamentals is prohibited.

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 light mineral oil, vegetable oil, or 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 light mineral oil, vegetable oil, or 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. Do not treat where food or feed crops are growing. Use in a way to minimize drift onto sensitive 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.

Treatment should be made during hours when buildings are unoccupied. Buildings should be closed and ventilation kept at a minimum during application of the insecticide. Lock all entrances and do not allow unprotected workers to enter building when being treated.

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 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.

INDOOR PEST CONTROL

ANIMAL BUILDINGS

Horse Barns, Dairy Barns, Shelter Sheds, Milk Sheds, Piggens.

Treatment should be made during hours when buildings are unoccupied. Buildings should be closed and ventilation kept at a minimum during application of the insecticide. Lock all entrances and do not allow unprotected workers to enter building when being treated.

GENERAL PRECAUTIONS AND RESTRICTIONS

NOTIFICATION: Before the start of the application, post fumigant warning signs at all entrances to the building. The signs must bear the skull and crossbones symbol and state:

- (1) "DANGER/PELIGRO"
- (2) Building under fumigation, DO NOT ENTER/NO ENTREE,
- (3) The date and time of fumigation
- (4) DDVP {or use brand name} Fumigant in use, and name, address, and telephone number of the applicator.

The signs must be located prominently at each entrance, using a sign size and letter size that makes the sign clearly legible. All signs must be removed after the ventilation is complete and before routine entry by unprotected persons is permitted.

Entry by any person – other than a correctly trained and equipped handler who is performing a task related to ventilation or air concentration monitoring and who is wearing the personal protective equipment required for handlers – is **PROHIBITED** in the entire enclosed structure/building from the start of application until ventilation is complete. Ventilation is complete *either* when 24 hours have elapsed following application and the building has been opened and aired *or* when a direct-indication short-term concentration monitoring device (e.g. Draeger tube) indicates that the DDVP air concentration is equal to, or less than 0.050 ppm (50% of the OSHA PEL).

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 OR MISTING

INSECTS: Flies, gnats, and mosquitoes.

IMPORTANT PRECAUTIONS: Remove animals before fogging. Applicator must not remain in treated area. 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 light mineral oil, vegetable oil, or diesel oil for 0.5% and for 1.0% dilute 1 quart per 14 gallons of light mineral oil, vegetable oil or 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.

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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.
PESTICIDE 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: Nonrefillable container. Do not reuse or refill this container. [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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW 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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW MANUFACTURER OR SELLER SHALL NOT 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.

AMVAC Chemical Corporation
4100 E. Washington Boulevard
Los Angeles, CA 90023 U.S.A.