



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

DEC 30 2003

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

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

Subject: Amendment Updating First Aid per PR Notice 2001-1; Revising Ingredient, Spanish Language and Respirator Statements; and Making Other Minor Changes
AMVOS Restech
EPA Reg. No.: 5481-461
Your Submission Dated September 29, 2003

Dear Mr. Wood:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments below. Two copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

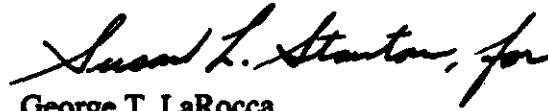
1. Change "Inert Ingredients" to "Related Compounds" as on the previously accepted label. Certain of the impurities in the product's formulation may be considered "related compounds." Before we will approve use of "Inert Ingredients", you must submit data and/or a justification to show that the product's impurities are, in fact, inert ingredients.
2. Revise the last sentence of the third paragraph under "Limited Warranty and Disclaimer" to read "To the extent allowed by law, manufacturer or seller shall not be liable for any special, indirect or consequential damages resulting from the use or handling of this product." As currently written ("In no event, shall manufacturer or seller be liable ...") the statement negates and/or detracts from labeling requirements as set forth by the Agency in 40 CFR Part 156, and is, therefore, considered misbranding.

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If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,

Handwritten signature of Susan L. Stanton in cursive script.

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

Enclosure

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AMVOS RESTECH

AN INSECTICIDE FOR FORMULATING USE ONLY

ACTIVE INGREDIENT:

Dichlorvos (2,2-Dichlorovinyl dimethyl phosphate)..... 98.0%

INERT INGREDIENTS:..... 2.0%

TOTAL: 100.0%

ACCEPTED
with COMMENTS
In EPA Letter Dated:

☠ POISON ☠
KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO

DEC 30 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5481-461

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 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.

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

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. Pralidoxime chloride (2-PAM) may also be used as an effective antidote in addition to and while maintaining full atropinization.

In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion in 250 cc of saline over a 15 to 30 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injections as a 5 percent solution in water over not less than 2 minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children the dose of 2-PAM is 0.25 grams. Morphine is an improper treatment. Clear chest by postural drainage. Oxygen administration may be necessary. 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 cholinesterase regeneration has been attained as determined by blood test.

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

EPA Reg. No. 5481-461

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Poisonous if swallowed, inhaled or absorbed through the skin and eyes. 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 vapor. Do not contaminate food or feed products.

REQUIRED PROTECTIVE CLOTHING

Persons who handle this product must wear the following protective clothing:

- Protective suit of one or two pieces covering all parts of the body except head, hands and feet
- Chemical-resistant gloves
- Chemical-resistant shoes (or chemical resistant shoe coverings or chemical resistant boots)
- Respirator with either 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 a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter
- Chemical-resistant apron

ENVIRONMENTAL HAZARDS

This product is toxic to birds, fish, and aquatic invertebrates. 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 Pollutant 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 AND CHEMICAL HAZARDS

Keep away from heat or open flame.

Formulators using this product are responsible for obtaining EPA registrations of their formulated products and to provide data to support their registrations.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS. FOR FORMULATION OF DICHLORVOS INSECTICIDE PRODUCTS ONLY AS LISTED ON THIS PRODUCT LABEL.

This product is intended only for use in the formulation of other Dichlorvos insecticide products. Products formulated using AMVAC RESTECH will require registration with the U.S. Environmental Protection Agency. This product is for formulation into end-use products intended only for use on the following sites. The use sites for which Dichlorvos products may be used are formulation specific.

Any limitations, cautions, restrictions or instructions stated below for any particular use site or formulation must be incorporated in the "end-use" label language.

DRY FORMULATIONS

IMPREGNATED DISPENSER

Enclosed outdoor utility equipment such as communications, electric, gas, water and cable television.

1. FOR INDUSTRIAL COMMERCIAL USE ONLY. NOT FOR INDOOR USE OR WHERE PERSONS ARE PERMANENTLY ASSIGNED OR RESIDING.

IMPREGNATED RESIN PEST STRIPS

Homes, ranches, farms, cabins, garages, basements, motels, museum collections, insect traps, campers, trailers, garbage cans, catch basins, trash dumpsters, animal buildings, milk rooms and enclosed utility boxes. Non-perishable packaged and bagged and bulk stored processed and raw agricultural commodities (including soybeans, corn, grains, cocoa beans and peanuts).

1. Do not use in hospitals or clinical rooms, such as patient rooms, wards, nurseries, operating or emergency areas. Do not use in any rooms where infants, or the sick or aged are, or will be present for any extended period of confinement. Do not use in kitchens, restaurants, or areas where food/feed are prepared or processed. Not to be taken internally by humans and animals. Do not use in food/feed processing or food/feed manufacturing areas or food/feed processing and food/feed manufacturing plants.

- 2. It is strongly recommended that all resin pest strips for use by homeowners or in homes be packaged in a cage that allows application (dispensing) with minimal contact with the strip, is difficult to open and be approved by Amvac Chemical Corporation prior to sale.

IMPREGNATED RESIN: CAT & DOG FLEA COLLARS

DRY BAIT FORMULATIONS

For outdoor use around homes, cabins, garages, commercial buildings, garbage or refuse collection and disposal areas, farm and domestic animal buildings.

- 1. Do not use where animals can come into contact or consume the product.

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 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.

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