

8536-41

09/07/2011

1/8



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mardel Rose Belotinsky
Soil Chemicals Corporation
Dbc Cardinal Professional Products
PO Box 782
Hollister, CA 95024

SEP 07 2011

Subject: Amended Reregistration Label
Product Name: Card-O-Vap 8
EPA Registration Number: 8536-41
EPA Decision Numbers: 393514

Dear Ms. Belotinsky:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of 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 Any previously dated CSFs are superseded.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 December 16, 2009

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 Samantha Hulkower at 703-603-0683 or hulkower.samantha@epa.gov.

Sincerely Yours,



Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

Enclosures: Label stamped "Accepted"
Acute Toxicity Review, dated August 29, 2011 and May 5, 2009
Product Chemistry Review, dated April 19, 2010 (review dated March 29, 2010 already sent to registrant)

ACCEPTED
 SEP 7 2011
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 8536-41

Card-O-Vap 8

NOT FOR USE OR STORAGE IN OR AROUND RESIDENTIAL SITES

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 COMMODITIES, AND IN THE NONFOOD/NONFEED AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS

ACTIVE INGREDIENT:

dimethyl 2,2-dichlorovinyl phosphate (Dichlorvos, DDVP)..... 8.0%

OTHER INGREDIENTS*:..... 92.0%

TOTAL: 100.0%

* Contains Petroleum Distillates

KEEP OUT OF REACH OF CHILDREN



DANGER

PELIGRO

POISON [Note : « Poison » will be printed in red.]

*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 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"> • Immediately call a poison control center or doctor. • 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 IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
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 by 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 additional information, in case of an emergency, call Infotrac at 1-800-535-5053.

NOTE TO PHYSICIAN

- 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. *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 injection as a 5 percent solution in water over not less than two 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 gram. 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.
- Probable mucosal damage may contraindicate the use of gastric lavage.
- May pose an aspiration pneumonia hazard. Contains petroleum distillate.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.



Cardinal Professional Products

P. O. Box 782 • Hollister, CA 95024-0782
(800) 548-2223

EPA Reg. No. 8536-41
EPA Est. 48498-CA-01

NET CONTENTS.....LBS.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

D A N G E R

CORROSIVE. CAUSES SKIN BURNS. MAY BE FATAL IF ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN. HARMFUL IF INHALED. CAUSES MODERATE EYE IRRITATION. DO NOT GET ON SKIN, IN EYES, OR ON CLOTHING.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride or Viton. If you want more options, follow the instructions for category "C" on an EPA chemical-resistance category selection chart.

- Mixers, loaders, applicators and other handlers must wear:
 - long-sleeved shirt
 - long pants
 - shoes and socks, and
 - chemical-resistant gloves
 - 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 TC-14G) *or*,
 - an organic-vapor-removing cartridge or canister with any N, R, P, or HE prefilter

USER SAFETY REQUIREMENTS

- 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.
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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

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/CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Do not apply this product in or on electrical equipment, due to the possibility of shock hazard. Do not allow this product to come in contact with acids, bases, or other strong oxidizing materials, as a chemical incompatibility reaction may occur.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING. USE STRICTLY IN ACCORDANCE WITH LABEL AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

LIQUID FORMULATION

FOR USE ONLY IN COMMERCIAL APPLICATION EQUIPMENT, SUCH AS CONVENTIONAL OR ULV FOGGING EQUIPMENT (SPACE TREATMENT)

- 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.

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/non-feed areas of processing/manufacturing plants*, for control of insects such as Indian Meal Moth, Red Flour Beetle, Confused Flour Beetle, Saw-toothed Grain Beetle, Merchant Grain Beetle, Cigarette Beetle, Drugstore Beetle, and Granary Weevil. Apply at the rate of 1 to 2 grams A.I. per 1,000 cubic feet or 1/2 to 1 oz. of liquid per 1,000 cubic feet. Check amount in insecticide tank or auxiliary tank before and after treatment to assure proper dosage has been applied.

- *Non-food/non-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).
- 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 1,000 cubic feet of head space.
- Do not make applications when temperatures are below 60° F.
- The term “non-perishable” means any raw or processed food/feed not subjected 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.
- 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 is exposed, remove or cover before treatment begins.
 - All food/feed processing surfaces must be covered during treatment or thoroughly cleaned before using.

NOTE—USE IS PROHIBITED IN:

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

- **The following 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/non-feed processing areas.
- **Federally Inspected Meat and Poultry Plants**

GENERAL PRECAUTIONS AND RESTRICTIONS

- All treatments must be made during hours when the building is unoccupied. Buildings treated must be closed and ventilation kept at a minimum during application. Lock all entrances and do not allow unprotected workers to enter building during treatment.
- 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 ENTRE", (3) the date and time of fumigation, (4) "DDVP 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)."
- In California, the building cannot be reentered without personal protection for 24 hours, unless the DDVP air concentration is 0.01 ppm or less. In addition to the above sign specifications, in California, the following language must be on signs: "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 INDICATES THAT THE DDVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN 0.01 PPM. AN AIR CONCENTRATION OF 0.01 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 AT OR BELOW 0.01 PPM."

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 State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. For containers 5 gallons or more, use 1/5 the volume of water for rinsing. Then offer for recycling, if available. If recycling is not available, triple rinse (as directed above); then puncture container and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY DISCLAIMER

Seller warrants that this product conforms to the chemical description on its label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. To the extent consistent with applicable law, neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product in a manner contrary to its label.