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5481-248

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Anvac Chemical Corporation
4100 East Washington Boulevard
Los Angeles, CA 90023

Gentlemen:

Subject: Royal Brand Phosdrin Insecticide Spray Concentrate
EPA Registration No. 5481-248
Your Letter Dated August 15, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided the following labeling changes are made.

1. Under the "Protective Equipment & Work Safety Statement" heading on the side panel, replace ". . . ARE NOT INTENDED TO . . ." with ". . . IS NOT ADEQUATE TO . . ."
2. Under "REENTRY AND WORKER SAFTEY [SIC] STATEMENT":
 - a. Change "SAFTEY" to "SAFETY" in the heading.
 - b. Change "Do enter without appropriate protective clothing . . ." to "Do not enter without appropriate protective clothing . . ."

Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

50689:I:Peacock:LPC-CBI-6:KENCO:2/3/89:2/15/89:rw:jh:rw

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

A stamped copy of the labeling is enclosed for your records.

Please note that once you have decided which uses you will support for the Standard, you may have to modify this label.

Also note that we are currently reviewing your revised Confidential Statement of Formula.

Sincerely yours,



William H. Miller
Product Manager (16)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

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PROTECTIVE EQUIPMENT & WORKER SAFETY STATEMENTS (Continued from preceding panel)
IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB, (Ground Application) or COCKPIT (Aerial Application) THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE. Long-sleeved shirt and long-legged pants; shoes and socks. Chemical resistant gloves must be available in the cab or cockpit and must be worn during entry to and exit from the application vehicle. For ground application all other protective clothing and equipment required for use during application must be available in the cab and must be worn when exiting the cab into treated areas. When used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosure such as a plastic bag.

REMEMBER THIS CLOTHING (long-sleeved shirt, long-legged pants, shoes and socks) ARE NOT INTENDED TO PROTECT YOU DURING REPAIR AND CLEANING OF APPLICATION EQUIPMENT AND EARLY REENTRY TO TREATED AREAS. YOU MUST REFER TO AND WEAR PROTECTIVE CLOTHING AND EQUIPMENT DESCRIBED EARLIER IN THIS SAME SECTION.

IMPORTANT! If pesticide comes in contact with skin, wash off with soap and water and contact a physician immediately. Always wash hands, face, & arms with soap and water before smoking, eating, drinking, or toileting. **HUMAN FLAGGERS ARE STRICTLY PROHIBITED DURING AERIAL APPLICATION OF THIS PRODUCT UNLESS THEY ARE IN A TOTALLY ENCLOSED VEHICLE.**

AFTER WORK: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job - do not wear contaminated clothing. Personal and protective clothing worn during work must be stored and laundered separately from household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirators. Protective clothing and protective equipment that becomes heavily contaminated or drenched with Mevinphos must be destroyed according to state and local regulations. **HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.**

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of mevinphos. The toll free number for the National Pesticide Telecommunication Network is 1-800-858-7378.

IF PRODUCT IS HANDLED BY MACHINES provide mechanical exhaust ventilation. Keep all unprotected person, children livestock and pets away from treated areas or where there is danger of drift. Do not rub eyes or mouth with hands. If you feel sick in any way, STOP WORK and get help right away, see the first aid Practical Treatment section on this label.

IMPORTANT! Wear clean clothes daily. Do not contaminate or store near food or feedstuff. Note Reentry Statements section. This product is not for use or storage in or around the home. In case of spillage, decontaminate areas & equipment by washing with a dilute solution of alkali (less than 5%) & detergent. Rinse with water.

NOTE TO PHYSICIAN - - - POISONING SYMPTOMS

Symptoms include weakness, headache, lightness 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 chloride) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, and initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion, in 250 cc of saline over a 15 to 20 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5% solution in water over a 2 to 4 hour period. 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 time for cholinesterase regeneration has been attained as determined by a blood test.

For 24 hours emergency medical assistance call (213) 264-3910.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water with application equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crop or seeds. Do not apply this product or allow it to drift to blooming crops or weeds, while bees are actively visiting the treatment area.

PHYSICAL & CHEMICAL HAZARDS

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

REENTRY AND WORKER SAFETY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Reentry into all treated areas is prohibited for 48 hours if done within the 48 hours of application, unless the protective clothing specified on this label for such reentry is worn. **NOTE:** When a mixture of 2 or more organophosphate pesticides is applied, the reentry interval shall be extended by adding to the longest applicable interval an additional 50% of that interval.

RESTRICTED USE PESTICIDE

Due to Very High Acute Toxicity to Humans and Residue effects on Avian, Mammalian & Aquatic Species. For Retail Sale and Use Only by Certified Applicators or Persons Under Their Direct Supervision and Only for Those Uses Covered by the Certified Applicators Certification. Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair and cleaning of application equipment. Certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

**ROYAL BRAND
PHOSDRIN® INSECTICIDE
SPRAY CONCENTRATE**

Contains 2 lbs. MEVINPHOS per Gallon

ACTIVE INGREDIENTS:
Mevinphos (2-Carbomethoxy-1-methylvinyl dimethyl phosphata, alpha isomer) ... 15.2%
Related Compounds, ... 10.2%
INERT INGREDIENTS:** ... 74.6%
Total 100.0%

Equivalent to 25.4% w MEVINPHOS Insecticide
Phosdrin® is the Registered Trademark of Shell Chemical Company
**Product contains Aromatic Solvent

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

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado completamente.

STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Never induce vomiting or give anything by mouth to an unconscious or convulsing person.
IF INHALED: Remove victim to fresh air immediately. Apply artificial respiration if indicated. Get medical attention.
IF IN EYES: Flush eyes with plenty of water for 10 minutes. Get medical attention immediately.
IF ON SKIN: Remove contaminated clothing and immediately wash affected area with soap and water. Call a physician immediately. Wash clothing before reuse.
IF POISONING SYMPTOMS APPEAR (See POISONING SYMPTOMS under NOTE TO PHYSICIAN) keep patient prone and quiet. Start artificial respiration immediately if patient is not breathing. Transport the patient immediately to the nearest hospital.

**SEE ANTIDOTE AND OTHER PRECAUTIONS ON SIDE PANEL
PRECAUTIONARY STATEMENTS**

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 MEVINPHOS insecticide poisoning. Do not swallow or get in eyes, on skin or on clothing. Do not breathe vapors. Do not contaminate food or feed products.

PRECAUTIONS IN USING

PROTECTIVE EQUIPMENT & W.F.A. SAFETY STATEMENTS
USE ONLY WHEN WEARING THE FOLLOWING PERSONAL PROTECTIVE EQUIPMENT DURING MIXING, LOADING, APPLICATION, REPAIR & CLEANING OF APPLICATION EQUIPMENT, AND DISPOSAL OF PESTICIDE: protective suit of one or two pieces that covers 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) goggles or face shield; hood or wide brimmed hat; NIOSH or MSHA approved respiratory protection device.
IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: Long sleeved shirt; long legged pants; chemical resistant gloves; chemical-resistant apron; shoes and socks; Goggles or face shield must be worn when the system is under pressure. All other protective clothing or equipment required for use with open systems must be available nearby.

EPA REG. NO. 5481-246 NET CONTENTS 5 GALLONS EPA EST. NO. 5481-CA-1

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