

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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OCT 30 1989

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Ms. Sheila M. Knight-Lane
Marshall Minerals, Inc.
707 Evans Street
Marshall, TN 37567

Dear Ms. Knight-Lane:

Subject: Tetrachlorvinphos Registration Standard
Marshall Minerals Fly Control Mineral
EPA Registration No. 44666-1
Your Letter Dated August 23, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- 1. The ingredient statement should read:

. . . dimethylphosphate 1.00%
INERT INGREDIENTS 99.00%

- 2. Under Environmental Hazards, change "This product is toxic . . ." to "This pesticide is toxic"
- 3. You may delete the statement regarding manure droppings. The Agency has determined that this statement is not appropriate on end-use product labels.

55397:I:Hebert:LLR-8:KENCO:10/26/89:12/06/89:DD:EK:aw

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

*Fly Control
mineral*

To prevent the development of horn flies, face flies, house flies, and stable flies in the manure of treated cattle.

ACTIVE INGREDIENT	BY WEIGHT
Tetrachlorvinphos: 2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphate	1.00%*
INERT INGREDIENTS	99.00%**
TOTAL	100.00%

3234

*Each pound contains 4.54 g of Rabon
**Refers only to ingredients which are not larvicidal

READ ENTIRE LABEL FOR DIRECTIONS AND PRECAUTIONARY STATEMENTS

GUARANTEED ANALYSIS

Calcium (Ca) Min.	20.00%
Calcium (Ca) Max.	23.00%
Phosphorus (P) Min.	6.00%
Salt (NaCl) Min.	23.00%
Salt (NaCl) Max.	25.00%
Iron (Fe) Min.	1.00%
Manganese (Mn) Min.	0.20%
Zinc (Zn) Min.	0.40%
Copper (Cu) Min.	0.05%
Cobalt (Co) Min.	0.005%
Iodine (I) Min.	0.005%
Fluorine (F) Max.	0.06%
Vitamin A I.U.'s per Lb., Min.	200,000
Vitamin D-3 I.U.'s per Lb., Min.	20,000

ACCEPTED
with COMMENTS
in EPA Letter Dated:

06/30/81

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

44666-1

FEED INGREDIENTS

Defluorinated Phosphate, Calcium Carbonate, Salt, Cottonseed Meal, Cane Molasses, Iron Oxide, Ferrous Carbonate, Manganous Oxide, Zinc Oxide, Copper Oxide, Calcium Iodate, Cobalt Carbonate, Vitamin A Supplement, Vitamin D-3 Supplement, and Anise Oil.

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE BACK PANEL FOR FEEDING DIRECTIONS

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS

Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating or smoking. If in eyes, wash with plenty of water. If irritation persists, get medical attention. Wear long-sleeved shirt and pants; chemical resistant gloves; shoes and socks for protection when handling.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of waste.

Do not use manure/droppings on land where food crops are to be grown during the current growing season.

STORAGE AND DISPOSAL

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

STORAGE

Store in a dry place in the original container.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Completely empty into mixing equipment by shaking and tapping sides and bottom to loosen clinging particles. Then dispose of bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Manufactured by
MARSHALL MINERALS, INC.
Marshall, TX 75670, U.S.A.

EPA Reg. No. 44666-1
EPA Est. No. 44666TX01

Net Weight 50 Lbs.

DIRECTIONS FOR USE:

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

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Feed MARSHALL MINERALS' FLY CONTROL MINERAL WITH RABON® ORAL LARVICIDE at the rate of 2.4 ounces per 1000 pounds of body weight per head per day by mixing it into the ground grain or complete daily ration.

This product will mix uniformly in feeds when standard mixing procedures are followed. Thus, usual problems that are common to all feed preparation and which cause stratification such as excessive free-fall or excessive handling are to be avoided. It is recommended that appropriate preblending techniques be employed to assure adequate distribution throughout the feed mix. The premix should be preblended with ground grain, protein supplements, mineral mixes, etc., before being added to roughages, such as chopped hay or silage. Mixing time should be adequate to assure uniform dispersion. Optimum performance can be assured only if this product is dispersed uniformly with the feedstuff at the recommended level. Common feed mixing equipment (i.e., vertical mixers, horizontal blenders, mixer/feeder truck) may be used to prepare formulated feeds.

Feeds prepared with this product should not be pelleted, nor be mixed with feeds containing predominantly pellets. Further, this product should not be mixed in liquid feed supplements.

Start feeding MARSHALL MINERALS' FLY CONTROL MINERAL WITH RABON® ORAL LARVICIDE early in the spring before flies begin to appear and continue feeding throughout the summer into the fall until cold weather restricts fly activity.

MARSHALL MINERALS' FLY CONTROL MINERAL WITH RABON® ORAL LARVICIDE MAY BE FED UP TO SLAUGHTER AND TO LACTATING DAIRY COWS.

MARSHALL MINERALS' FLY CONTROL MINERAL WITH RABON® ORAL LARVICIDE PREVENTS THE DEVELOPMENT OF HORN FLIES, FACE FLIES, HOUSE FLIES, AND STABLE FLIES IN THE MANURE OF TREATED CATTLE BUT IS NOT EFFECTIVE AGAINST EXISTING ADULT FLIES. When starting a feed program during the fly season, it is desirable to use other control measures to reduce the population of existing adult flies.

In some cases, supplemental fly control measures may be needed in and around cattle lots and buildings to control adult house flies and stable flies which can breed not only in cattle manure but in other decaying vegetable matter or silage on the premises.

In order to achieve optimum fly control, MARSHALL MINERALS' FLY CONTROL MINERAL WITH RABON® ORAL LARVICIDE should be used in conjunction with other good management and sanitation practices.