



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number

43757-1

Date of Issuance

JUL - 7 1999

Term of Issuance Unconditional

Name of Pesticide Product

Eastern Minerals' Fly Control
Mineral with Rabon® Oral
Larvicide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Eastern Minerals, Inc.
P.O. Drawer 1436
1100 Dothan Road
Bainbridge, GA 31717

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Documents, EPA has reregistered the product listed above. This action is taken under the authority of section 4 (g) (2) (c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Registration under this section does not eliminate the need for control reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product. With regards to labeling, you must make the labeling changes listed below:

- 1) Based on your Tox categories, you must have a "Statement of Practical Treatment" or "First Aid" statement. It should be located under your "Precautionary Statements" and state the following:

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

Signature of Approving Official:

Tracy Lynn Keigwin
for George T. LaRocca

Date:

JUL - 7 1999

Your product is also required to have a "Note to Physician". The Note to Physician should be located directly below your Statement of Practical Treatment and should contain the following information:

- Technical information on symptomatology;
- Use of supportive treatments to maintain life functions;
- Medicine that will counteract the specific physiological effects of the pesticide;
- Company telephone number to specific medical personnel who can provide specialized medical advice.

2) Please revise your "Hazards to Humans" under "Precautionary Statements" to read:

CAUTION

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequent contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE)

Handlers must wear:

- Long sleeved shirt and pants
- Shoes and socks
- Chemical resistant gloves

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry

USER SAFETY RECOMMENDATIONS

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing 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.

- 3) Under your "Directions for Use", please add the subheading "Application Restrictions" and the following language:

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

- 4) The dosage rate should reflect weight of active ingredient in addition to the weight of the product
- 5) Enclosed is a copy of your label stamped "Accepted with Comments". Please submit two (2) copies of your final printed label before you release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling.

If you have any questions regarding this action, please contact me at (703) 305-6100 or Tracy Keigwin of my team at (703) 305-6605.

Sincerely,

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

Enclosure

With Rabon® Oral Larvicide

FOR FREE CHOICE FEEDING TO OR MIXING FOR BEEF AND DAIRY CATTLE

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: (z)-2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphate	1.00%*
INERT INGREDIENTS	99.00%**
TOTAL	100.00%

* 1 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%
Fluorine (F) Max	0.06%
Iron (Fe) Min	1.00%
Cobalt (Co) Min	50 ppm
Copper (Cu) Min	500 ppm
Iodine (I) Min	50 ppm
Manganese (Mn) Min	2000 ppm
Selenium (Se) Min	14.2 ppm
Zinc (Zn) Min	4000 ppm
Vitamin A I.U.'s per Lb., Min	200,000
Vitamin D-3 I.U.'s per Lb., Min	20,000

FEED INGREDIENTS

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

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. This product may cause skin sensitization reactions in certain individuals. 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 pesticide 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.

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
EASTERN MINERALS, INC.

Henderson, North Carolina 27536 USA

EPA Reg. No. 43757-1

Net Weight 50 Lbs. (22.68 Kg)

EPA Est. No. 43757NC01

CONTINUED ON BACK OF TAG

DIRECTIONS FOR USE:

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

This product may be fed up to slaughter and to lactating dairy cows. Proper consumption 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.

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

When fed, this product passes through the digestive system into the animal's manure where it kills fly larvae on contact shortly after fly eggs hatch.

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

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

FREE CHOICE FEEDING DIRECTIONS

Feed EASTERN MINERALS' FLY CONTROL MINERAL WITH RABON® ORAL LARVICIDE from a sheltered feeder as the only free-choice source of mineral. Cattle should consume 0.247 ounces of EASTERN MINERALS' FLY CONTROL MINERAL WITH RABON® ORAL LARVICIDE per 100 pounds body weight per day. This would mean that a 1,000-pound animal must consume 2.47 ounces of this mineral per day for it to be effective. This level of consumption will supply the recommended daily intake of 70 mg RABON® ORAL LARVICIDE per 100 pounds body weight. Animals should be on a balanced mineral program prior to the introduction of this product. This should prevent overconsumption. If consumption falls above or below the recommended daily intake, relocate the feeders or reduce or increase the number of feeding locations.

MIXING DIRECTIONS

Feed EASTERN MINERALS' FLY CONTROL MINERAL WITH RABON® ORAL LARVICIDE at the rate of 2.4 ounces per 1000 pounds 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, mix/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.