



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

OCT 30 1989

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Ms. Sheila M. Knight-Lane
Southeastern Minerals, Inc.
P.O. Box 1866
Bainbridge, GA 31717

300/254019
17/

Dear Ms. Knight-Lane:

Subject: Tetrachlorvinphos Registration Standard
Max-Min Fly Control Mineral No. 2
EPA Registration No. 38110-4
Max-Min 7.76 Fly Control Premix
EPA Registration No. 38110-5 ✓
Max-Min Fly Control Mineral No. 6
EPA Registration No. 38110-6
Max-Min Horse Mineral
EPA Registration No. 38110-7
Your Letters Dated February 22 and August 23, 1989

The labeling referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Under Environmental Hazards, change "This product is toxic . . ." to "This pesticide is toxic"
 - b. You may delete the manure droppings statement. The Agency has determined that this statement is not appropriate for an end-use product label.

Please note that distribution labels are not reviewed or stamped. Only the original label is needed for registration and is returned.

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

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.

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

Sincerely yours,



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

Enclosure

**FLY CONTROL PREMIX
With Rabon® Oral Larvicide**

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

<u>ACTIVE INGREDIENT</u>	BY WEIGHT
Tetrachlorvinphos: 2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphite	7.76%*
<u>INERT INGREDIENT</u>	92.24%*
TOTAL	100.00%

*Each pound contains 35 g of Rabon

**Refers only to ingredients which are not larvicidal

READ ENTIRE LABEL FOR DIRECTIONS
AND PRECAUTIONARY STATEMENTS

ACCEPTED
with COMMENTS
in EPA Letter Dated:

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GUARANTEED ANALYSIS

Calcium (Ca) Min.....	34.00%
Calcium (Ca) Max.....	38.00%

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

38110-5

FEED INGREDIENTS

Calcium Carbonate

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
SOUTHEASTERN MINERALS, INC.
Bainbridge, GA 31717

EPA Reg. No. 38110-5
EPA Est. No. 38110GA01

Net Weight 50 Lbs.

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.

When fed to cattle, Rabon® Oral Larvicide passes through the digestive system into the animal's manure where it kills fly larvae on contact shortly after fly eggs hatch. By preventing larval development, Rabon® Oral Larvicide helps to control horn flies on pasture and house flies and stable flies in and around cattle lots.

MAX-MIN 7.76 FLY CONTROL PREMIX will mix uniformly in cattle 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 of MAX-MIN 7.76 FLY CONTROL PREMIX 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 MAX-MIN 7.76 FLY CONTROL PREMIX 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 MAX-MIN 7.76 FLY CONTROL PREMIX should not be pelleted, nor be mixed with feeds containing predominantly pellets. Further, MAX-MIN 7.76 FLY CONTROL PREMIX should not be mixed in liquid feed supplements.

IN A COMPLETE RATION - NO OTHER ROUGHAGE FED

MAX-MIN 7.76 FLY CONTROL PREMIX can be used to prepare rations that contain 26.4 mg of RABON® per pound of complete ration. To prepare a larvicidal ration, mix 1.5 pounds of MAX-MIN 7.76 FLY CONTROL PREMIX per ton of complete mixed ration containing both grain and roughage. Full-feed this larvicidal complete ration to feeder cattle weighing from 400 to 1400 pounds or to dairy cattle at a rate to sustain milk production, but not less than 2.6 pounds of the ration per 100 pounds of body weight daily.

IN A CONCENTRATE FEED - ROUGHAGE FED SEPARATELY

MAX-MIN 7.76 FLY CONTROL PREMIX can be used to prepare concentrate feeds that will provide 792 mg of RABON® per animal per day. To prepare a larvicidal concentrate feed, mix MAX-MIN 7.76 FLY CONTROL PREMIX according to the amount of concentrate to be fed per animal per day. Use the following table as a guide for determining the proper mixing rate.

MIXING DIRECTIONS

Pounds of concentrate consumed per animal per day	RABON in the concentrate mg/lb	%	Pounds of Max-Min 7.76 Fly Control Premix per ton of concentrate
.5	1584	0.35	90.0
1.0	792	0.18	45.0
1.5	528	0.12	30.0
2.0	396	0.087	22.5
5.0	159	0.035	9.0
10.0	79	0.018	4.5
15.0	53	0.012	3.0
20.0	39	0.0087	2.3
25.0	32	0.0069	1.8
30.0	26	0.0059	1.5

Feed the appropriate larvicidal concentrate to cattle weighing between 400 and 1200 pounds. For large cattle weighing between 1200-1700 pounds, increase the amount of concentrate fed to 1½ times that recommended.

Start feeding RABON® larvicidal feeds early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

Ration containing RABON® Oral Larvicide may be fed up to slaughter and to lactating dairy cows without withholding the milk from market during or after treatment.

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.

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 cattle manure but other decaying vegetable matter or silage on the premises.

In order to achieve optimum fly control, MAX-MIN 7.76 FLY CONTROL PREMIX should be used in conjunction with other good management and sanitation practices.