

38110-7

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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

June 14, 2006

Sallie H. Horne  
Southeastern Minerals, Inc.  
1100 Dothan Rd.  
Bainbridge, GA 39817

Subject: Labeling Amendments for EPA Registrations Number 38110-7 in response to An Agency letter dated December 1, 2004 from Demson Fuller.

EPA Registration Number: 38110-7

Product Name: MAX-MIN HORSE MINERAL (With RABON® Oral Larvicide)

Date of Submission: January 4, 2005.

Dear Ms. Horne;

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. Page 1 of 2:

- a. Within the ingredient statement, remove the "BY WEIGHT", change the "INERT INGREDIENTS" to "OTHER INGREDIENTS".
- b. Place a period after the "g" indicating grams in the footnote declaration.
- c. Between the statement "READ ENTIRE LABEL FOR DIRECTIONS AND PRECAUTIONARY STATEMENTS" and the "Guaranteed Analysis:" table, insert a table heading as follows: "NON-PESTICIDAL FEED ANALYSIS"
- d. Revise the Ingredients listing by changing the header to state "FEED INGREDIENTS" as shown below:

**FEED INGREDIENTS:**

Calcium Carbonate, Dicalcium Phosphate, Monocalcium Phosphate, Defluorinated Phosphate, Salt, Cottonseed Meal, Rice Mill By-Product, Magnesium Oxide, Iron Oxide, Ferrous Carbonate, Cobalt Carbonate, Copper Oxide, Calcium Iodate, Manganous Oxide, Sodium selenite, Zinc Oxide, Vitamin A Supplement, Vitamin D-3 Supplement, Vitamin E Supplement, Vitamin B-12 Supplement, Riboflavin Supplement, Choline Chloride, d-Pantothenic Acid, Niacin, Menadione Sodium Bisulfite Complex, Anise Oil, Cane Molasses.

- e. In accordance with PR Notice 2001-1 revise the Statement of Practical Treatment section and all associated language as follows:

<b>FIRST AID</b>	
<b>Organophosphate</b>	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>-Call a poison control center or doctor immediately for treatment advice.</li> <li>-Have person sip a glass of water if able to swallow.</li> <li>-Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>-Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>-Take off contaminated clothing.</li> <li>-Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>-Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>-Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>-Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency, call toll free (800)458-7378 (The National Pesticide Information Center)	
<b>NOTE TO PHYSICIAN</b>	
<p><b>Poisoning Symptoms:</b> Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.</p> <p><b>Treatment:</b> Tetrachlorvinphos is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Atropine is antidotal only if symptoms of cholinesterase inhibition are present.</p>	

- f. Revise the "Hazards to Humans and Domestic Animals" and associated language as follows:

**"Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction to some individuals.

2. Page 2 of 2:

- a. Within the Directions for Use insert the following bold type subheader "USE RESTRICTIONS" above the paragraph as follows:

**USE RESTRICTIONS:**

This product is not to be used on horses destined for slaughter.

This product contains tetrachlorvinphos, which is a cholinesterase inhibitor. The most frequently reported clinical signs of cholinesterase inhibition in the horse are abdominal pain, lethargy, sweating, tearing and excessive salivation. If these signs are seen in horses, consult your veterinarian immediately. Do not use this product simultaneously or within a week before or after treatment with cholinesterase inhibiting drugs, pesticides or chemicals. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals. This product has not been tested in breeding horses.

- b. The following subtitle and sentence may be removed, since it was incorporated in the new USE RESTRICTIONS section in 2(a) above.

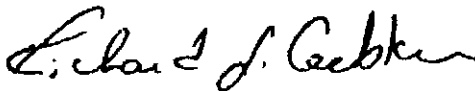
**General Precautions and Restrictions**

**This product is not to be used on horses destined for slaughter.**

- c. Move the STORAGE AND DISPOSAL box section to the end of the label. Currently this table splits the directions for use.

If you have any questions, you may contact Richard J. Gebken, at (703) 305-6701.

Sincerely,



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

Enclosure  
038110-00007.doc

\*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	16.00%
Calcium (Ca) Max	18.00%
Phosphorus (P) Min	10.00%
Salt (NaCl) Min	15.00%
Salt (NaCl) Max	18.00%
Magnesium (Mg) Min	2.00%
Fluorine (F) Max	0.10%
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	17.6 ppm
Zinc (Zn) Min	4000 ppm
Vitamin A IU/Lb., Min	225,000
Vitamin D-3 IU/Lb., Min	22,500

**INGREDIENTS:**

Calcium Carbonate, Dicalcium Phosphate, Monocalcium Phosphate, Defluorinated Phosphate, Salt, Cottonseed Meal, Rice Mill By-Product, Magnesium Oxide, Iron Oxide, Ferrous Carbonate, Cobalt Carbonate, Copper Oxide, Calcium Iodate, Manganous Oxide, Sodium Selenite, Zinc Oxide, Vitamin A Supplement, Vitamin D-3 Supplement, Vitamin E Supplement, Vitamin B-12 Supplement, Riboflavin Supplement, Choline Chloride, d-Pantothenic Acid, Niacin, Menadione Sodium Bisulfite Complex, Anise Oil, Cane Molasses.

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

**PRECAUTIONARY STATEMENTS**

**Statement of Practical Treatment**

**If Swallowed:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger 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 in Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Manufactured by:

SOUTHEASTERN MINERALS, INC.  
1100 Dothan Road  
Bainbridge, GA 39817  
(229) 246-3396

EPA Reg. No. 38110-7- Net Weight 25 Lb. (11.34 Kg)  
EPA Est. No. 38110GA01 CONTINUED ON BACK OF TAG

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

**JUN 14 2006**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.

**38110-7**

#### 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.

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#### Personal Protective Equipment (PPE)

Mixers and Handlers must wear a long-sleeved shirt and pants, shoes and socks, and 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

Users should wash hands before eating drinking, chewing gum, using tobacco or using the toilet.  
Users should remove clothing 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.

#### DIRECTIONS FOR USE

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

This product contains tetrachlorvinphos, which is a cholinesterase inhibitor. The most frequently reported clinical signs of cholinesterase inhibition in the horse are abdominal pain, lethargy, sweating, tearing and excessive salivation. If these signs are seen in horses, consult your veterinarian immediately. Do not use this product simultaneously or within a week before or after treatment with cholinesterase inhibiting drugs, pesticides or chemicals. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals. This product has not been tested in breeding horses.

#### 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 mineral feeder 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.

#### General Information

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

To prevent the development of house flies and stable flies in the manure of treated horses.

Proper consumption prevents the development of house flies and stable flies in the manure of treated horses but is not effective against existing adult flies.

Start feeding MAX-MIN HORSE 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. Resume feeding an appropriate MAX-MIN mineral until spring.

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 MAX-MIN HORSE MINERAL with Rabon® Oral Larvicide should be used in conjunction with other good management and sanitation practices.

#### General Precautions and Restrictions

This product is not to be used on horses destined for slaughter.

#### Application Instructions

Feed MAX-MIN HORSE MINERAL with Rabon® Oral Larvicide from a sheltered feeder as the free-choice source of mineral. Horses should consume 0.247 ounces of MAX-MIN HORSE 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 over-consumption. If consumption falls above or below the recommended daily intake, relocate the feeders or reduce or increase the number of feeding locations.