



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
602-268

Date of Issuance:  
SEP 14 1999

NOTICE OF PESTICIDE:  
Registration  
 X  Reregistration

Term of Issuance:  
Unconditional

Name of Pesticide Product:  
Purina Cattle Mineral  
12:12 Fly Larvicide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Southeastern Minerals, Inc.  
Purina Mills,  
P.O. Box 66812  
St. Louis, MO 63166-6812

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 Document(s), EPA has reregistered the product listed above. Enclosed is a copy of your label stamped Accepted. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Signature of Approving Official:

George LaRocca  
Insecticide Branch  
Registration Division (7505C)

Date:

You must make the following labeling changes:

The Heading "First Aid" or "Statements of Practical Treatment" must be added to the label and must contain the following statements:

**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 water. Get medical attention.

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

) **Hazards to Human and Domestic Animals**

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.

**Personal Protective Equipment**

The PPE must be presented as follows and added to the label directly below the Hazards to Humans and Domestic Animals as follows:

) "Mixers and Handlers must wear:  
-long-sleeved shirt and pants  
-shoes and socks  
-chemical resistant gloves"

**User Safety Requirements**

The user safety requirements must appear on the label as follows:  
"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**

As per the RED, the following User Safety Recommendations must be added to the label and placed in a box:

"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.

**Storage and Disposal**

The "Storage and Disposal" section should be moved to the "Directions for Use" section, directly following the statement "It is a violation..."

**General Information**

The sub-header "General Information" must be placed on the label. Information such as "For Free-Choice Feeding to Beef Cattle"; "To Prevent the Development of Horn Flies, ...Treated Cattle"; "Purina Cattle Mineral 12:12 Fly Larvicide may be fed up to slaughter and to lactating...population of existing adult flies." should be included in this section.

**General Precautions and Restrictions**

You must add the sub-heading "General Precautions and Restrictions" should be added to the label to read and include the following information:

"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."

Information currently on the label:

"Animals should not be starved fro minerals before using this product."

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

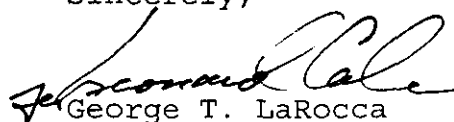
"in order to achieve optimum fly control, use this product in conjunction with other good management and sanitation practices."

**Directions for Use (Application Instructions)**

The subheading "Application Instructions" should be added to the label in the "Directions for Use" section directly above: "Feed PURINA Cattle Mineral..."

Enclosed is a copy of your label stamped "Accepted with Comments". Please submit two (2) copies of your final printed labeling before releasing your product for shipment. Please refer to the A-79 enclosure for further description of final printed labeling. Should you have any questions, you may contact Leonard Cole directly at 703.305.5412.

Sincerely,



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

) Enclosure

)

Reason For Issue: Amending label  
per Tetrachlorvinphos RED  
(NEXT PRINT)

Date Issued: 11/19/98 (Green)  
Prev. Date Issued: 4/2/97  
3790

5 9 7

Bag Copy

(9-Square Logo) ®

Front Panel

PLANTS

PURINA ®  
BRAND

BLM  
EVI  
FW  
MCN  
WC

CATTLE MINERAL

PRINTERS

12:12 FLY LARVICIDE  
(Mineral Feed)

J&M  
MILLER

EPA Reg. No. 602-268  
(3-Row Checkerband ®)

For Free-Choice Feeding to Beef Cattle

To Prevent the Development of Horn Flies, Face Flies, House Flies and Stable Flies in manure of Treated Cattle.

ACTIVE INGREDIENT

Tetrachlorvinphos: (Z)-2-chloro-1-(2,4,5-trichlorophenyl)

vinyl dimethyl phosphate ..... 1.45%

INERT INGREDIENTS ..... 98.55  
100.00%

Guaranteed Feed Analysis

Calcium (Ca) not less than 12.0%  
Calcium (Ca) not more than 14.0%  
Phosphorus (P) not less than 12.0%  
Salt (NaCl) not less than 3.0%  
Salt (NaCl) not more than 4.0%  
Magnesium (Mg) not less than 1.0%  
Potassium (K) not less than 1.0%  
Copper, not less than 880 ppm  
Selenium, not less than 3 ppm  
Zinc, not less than 3500 ppm  
Iodine (I) not less than 85 ppm  
Cobalt, not less than 18 ppm  
Iron, not less than 3350 ppm  
Manganese, not less than 3500 ppm  
Vitamin A not less than 150,000 IU/lb.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

SEP 14 1999

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

602-268

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS**

NET WT 50 LB

Manufactured By  
PURINA MILLS, INC.  
P. O. Box 66812  
St. Louis, Missouri 63166-6812 U.S.A.

6 7 7

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)  
CAUTION**

Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing dust. Wear long-sleeved shirt and pants; chemical resistant gloves; shoes and socks. Wash thoroughly with soap and water after handling and before eating and smoking. If in eyes, wash with plenty of water for 15 minutes. If irritation persists, see a physician. This product may cause skin sensitization reactions in certain individuals.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Drift and runoff may be hazardous to aquatic organisms in adjacent areas. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**DIRECTIONS FOR USE**

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

Feed PURINA Cattle Mineral 12:12 Fly Larvicide from a sheltered feeder as the only free-choice of mineral. Cattle should consume an average of 0.011 lbs. of PURINA Cattle Mineral 12:12 Fly Larvicide per 100 lbs. body weight per day (1-3/4 oz/1000 lbs. body wt./day). This will supply the recommended average daily intake of 70 mg. Rabon insecticide per 100 lbs. body weight. Animals should not be starved for minerals before using this product. Place feeder near watering or loafing areas. Reduce or increase the number of feeding locations or relocate if consumption is above or below recommended daily intake.

Start feeding PURINA Cattle Mineral 12:12 Fly Larvicide early in the spring before flies appear and continue feeding until cold weather restricts fly activity. Resume feeding PURINA Cattle Mineral 12:12 VA until spring. Free choice salt should be provided in addition to PURINA Cattle Mineral 12:12 Fly Larvicide.

PURINA Cattle Mineral 12:12 Fly Larvicide 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. When starting a feeding program during the fly season, it may be necessary to use other control measures to reduce the population of existing adult flies.

Supplement 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.

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

In order to achieve optimum fly control, use this product in conjunction with other good management and sanitation practices.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a cool, dry area.

**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 bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

- EPA Est. Nos. 602-KS-01
- 602-TX-01
- 602-IL-01
- 602-IN-01
- 602-GA-01
- 602-AR-01
- 38110-GA-01
- 44666-TX-01
- 43757-NC-01

**(Not to be printed - Plants must Arrow appropriate EPA Est. Number.)**

Lot No.  
)

3790

Printed in U.S.A.

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