

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 44479-2	DATE OF ISSUANCE JAN 16 1985
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Ruminant Premix 16/250 with Rabon	

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
 (Under the Federal Insecticide, Fungicide,  
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Professional Products, Inc.  
 P.O. Box 487, 231 Water St.  
 Sank City, WI 53583

161/138931  
 18/1

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(C) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 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:
  - a. Add the phrase "EPA Registration No. 44479-2."
  - b. Delete "Rabon 0.69%" from the guaranteed analysis as it is appropriate to list it only in the ingredients.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

George T. LaRocca  
 Product Manager (15)  
 Insecticide-Rodenticide Branch  
 Registration Division (TS-767)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

*[Handwritten Signature]*

DATE

1/16/85

MP 282

EPA-PR

0-22-84

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

JAN 16 1985

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
4449-2

RUMINANT PREMIX  
16/250  
with Rabon

To prevent the development of Horn Flies, Face Flies, and  
Stable Flies in the manure of treated cattle.

16/138931

ACTIVE INGREDIENT  
2-Thloro-1-(2,4,5-trichlorophenyl)  
vinyl dimethyl phosphate  
INERT INGREDIENTS

by weight  
0.69%

99.31%

TOTAL 100.00%

\*Each pound contains 3.1g (3,100mg) of Rabon  
\*\*Refers only to ingredients which are not larvicidal  
Rabon is the registered trademark of Shell Chemical Company

READ ENTIRE LABEL FOR DIRECTIONS AND PRECAUTIONARY STATEMENTS

**BEST AVAILABLE COPY**

GUARANTEED ANALYSIS

Rabon	0.69%
Calcium, minimum	14.50%
Calcium, maximum	16.00%
Phosphorous, minimum	16.00%
Iodine, minimum	0.05%
Sulfur, minimum	1.00%
Magnesium, minimum	1.00%
Iron, minimum	0.50%
Potassium, minimum	0.20%
Zinc, minimum	0.25%
Manganese, minimum	0.20%
Copper, minimum	0.02%
Cobalt, minimum	0.005%
Selenium, minimum	0.0002%
Vitamin A, minimum	250,000 USP Units/lb.
Vitamin B <sub>12</sub> , minimum	10,000 USP Units/lb.
Vitamin E, minimum	120 USP Units/lb.

FEED INGREDIENTS

Dicalcium phosphate, monocalcium phosphate, calcium carbonate,  
magnesium oxide, magnesium sulfate, potassium sulfate, zinc oxide,  
manganous oxide, copper oxide, ethylene diamine dihydriodide, cobalt  
carbonate, iron oxide, processed grain by products, vitamin A  
supplement (stability improved), deactivated animal sterol (source of  
vitamin D-3), vitamin E supplement, ethoxyquin (a preservative), cane  
molasses, artificial flavor, bentonite, sodium selenite, and mineral  
oil.

PM5 3082  
4447A-2

CAUTION 18 pt. type

Keep out of reach of children 12 pt. type

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS 12 pt. type

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 for 15 minutes. If irritation persists, see a physician.

ENVIRONMENTAL HAZARDS 12 pt. type

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of waste.

STORAGE AND DISPOSAL 12 pt. type

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

STORAGE

Store in a cool 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 bag into mixing equipment by shaking and tapping sides and bottom to loosen clinging particles. Then dispose of bags 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  
PROFESSIONAL PRODUCTS, INC.  
231 WATER ST., P.O. BOX 487  
SAUK CITY, WI 53582

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EPA Reg. No. 44479-

EPA Est. No. 44479 WI-01

NET WEIGHT 40 LBS.

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DIRECTIONS FOR USE  
GENERAL CLASSIFICATION

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

05504  
EhH-bb

# RABUN

## Feeding

Rations containing this product may be fed to lactating dairy cows without withholding the milk during or after treatment.

Start feeding RABUN larvicidal feeds early in the 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 the larvae on contact shortly after the egg hatch.

It 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 near manure but in other decaying vegetable matter or sludge in the manure.

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

### MIXING DIRECTIONS

This product will mix uniformly in feeds when standard mixing procedures are followed. These 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 this product throughout the feed batch. The product should be preblended with ground grains, protein supplements, mineral mixers, 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.

### FEEDING DIRECTIONS

This premix should be fed so that each cow receives 70 mg of Rabon per 100 lbs. of body weight per day. The following table shows the correct amount of this product to be mixed into a complete daily ration in order to provide the recommended average daily intake of Rabon. Determine your cattle's body weight, then find this figure in the left column. Determine the average daily consumption of your complete daily ration and find this figure along the top of the table. From the intersection and you will find the pounds of this product to be added to 1 ton of this complete ration.

		4	5	6	7	8	9	10	15	20	25	30
AVERAGE WEIGHT OF ANIMALS (POUNDS)	800	90.5	72.3	60.2	51.6	45.2	40.1	36.1	24.1	18.1	14.5	12.0
	900	101.6	81.3	67.7	58.1	50.8	45.2	40.6	27.1	20.3	16.3	13.5
	1,000	112.9	90.3	75.3	64.5	56.5	50.2	45.2	30.1	22.6	18.1	15.1
	1,100	124.2	99.4	82.8	71.0	62.1	55.2	49.7	33.1	24.8	19.9	16.6
	1,200	135.5	108.4	90.3	77.4	67.6	60.2	54.2	36.1	27.1	21.7	18.1
	1,300	146.8	117.4	97.8	83.9	73.4	65.2	58.7	39.1	29.4	23.5	19.6
	1,400	158.1	126.5	105.4	90.3	79.0	70.3	63.2	42.1	31.6	25.3	21.1
1,500	169.4	135.5	112.9	96.8	84.7	75.3	67.7	45.2	33.9	27.1	22.6	

POUNDS OF THIS PRODUCT TO BE MIXED PER TON

BEST AVAILABLE COPY

0.5504  
0.4400