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JUN 20 1986

Mr. Robert H. Shoup
SDS Biotech Corporation
Animal Health Business
P.O. Box 348
Painesville, OH 44077

Dear Mr. Shoup:

Subject: Amendment - Rabon 7.76 Oral Larvicide Premix
EPA Registration No. 50534-91
Your Application Dated November 6, 1985

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. Change "Keep out of lakes, streams, or ponds" to "Do not apply directly to water."
2. Any reference to "general use" classification must be removed from the Rabon 7.76 Oral Larvicide Premix labeling. "General Use" as a classification is no longer deemed valid by the Agency, even when products are not subject to restricted use as in the case of your product. If a product is classified for restricted use, this classification notifies individuals that the chemical may be applied only by or under the direct supervision of a certified applicator. The absence of a restricted use classification clearly implies that the aforementioned restriction does not apply to a particular pesticide, or its uses. A second classification for general use is thereby unnecessary and should not appear on your product's labeling.

86027:Newkirk:LR-7:KENCO:5/13/86:5/21/86:dej/DAA:VO

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

Submit five (5) copies of your revised printed labeling before you release the product for shipment with the amended labeling.

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

Sincerely yours,

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

Enclosure

labeling OK *not on file*

RABON® 7.76 Oral Larvicide Premix

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

ACTIVE INGREDIENT	By Weight
2-Chloro-1-(2, 4, 5-trichlorophenyl) vinyl dimethyl phosphate.	7.76%*
INERT INGREDIENTS	92.24%**
TOTAL	100.00%

*RABON Insecticide - Contains 35 grams of RABON per pound.
**Refers only to ingredients which are not larvicidal.

RABON is the registered trademark of Shell Oil Company.

KEEP OUT OF REACH OF CHILDREN (12 pt. type size)
CAUTION (18 pt. type size)

**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, see a physician.

ENVIRONMENTAL HAZARDS

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
Storage: Store in a dry place in original container.
Container Disposal: Completely empty bag into mixing 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.
Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

SDS Biotech Corporation
Animal Health Business
P.O. Box 348
Painesville, OH 44077

Net Weight 40 Pounds
EPA Reg. No. 50534-91
EPA Est. No. _____

**ACCEPTED
with COMMENTS
in EPA Letter Dated**

JUN 2 0 1986

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

50534-91

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

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

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.

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.

It prevents the development of fly larvae in the manure of treated animals, 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 manure but in other decaying vegetable matter or silage on the premises.

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

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, 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.

CATTLE

In a Concentrate Feed--Roughage Fed Separately

This product can be used to prepare concentrate feeds that will provide 70 mg. of RABON per 100 pounds of body weight daily.

To prepare a larvicidal concentrate feed, mix this product 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		Pounds of RABON* 7,76 Oral Larvicide Premix per Ton of Concentrate
	mg./lb	%	
5	1584	0.35	90.0
10	792	0.18	45.0
15	528	0.12	30.0
20	396	0.087	22.5
50	159	0.035	9.0
100	79	0.018	4.5
150	53	0.012	3.0
200	39	0.0087	2.3
250	32	0.0069	1.8
300	26	0.0059	1.5

Feed the appropriate larvicidal concentrate indicated to cattle weighing between 400 and 1200 pounds. For larger cattle weighing between 1200 and 1700 pounds, increase the amount of premix per ton of concentrate to 1-1/2 times that indicated.

CATTLE

In a Complete Ration--No Other Roughage Fed

This product 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 this product 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.

SWINE

All swine should be treated.

Figs (weaners to market weight): Mix 1.3 pounds of this product per ton of meal type feed and offer free choice. This is equivalent to 22.7 mg. of RABON per pound of feed.

Sows, Boars and Breeding Gilts: Mix 2.6 pounds of this product per ton of meal-type feed and offer 4 to 6 pounds of feed per animal per day. This is equivalent to 45.4 mg. of RABON per pound of feed.

HORSES

In a Concentrate Feed

This product can be used to prepare concentrate feeds that will provide 70 mg. of RABON per 100 pounds of body weight daily. All horses in the stable area should be treated.

To prepare a larvicidal concentrate feed, mix this product 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 Guide

<u>Pounds of Concentrate Consumed per Horse per Day</u>	<u>Pounds of RABON 7.76 Oral Larvicide Premix per Ton of Concentrate</u>			
	<u>250-lb. Horse</u>	<u>500-lb. Horse</u>	<u>1000-lb. Horse</u>	<u>2000-lb. Horse</u>
2.5	4.0	8.0	16.0	32.0
5.0	2.0	4.0	8.0	16.0
10.0	1.0	2.0	4.0	8.0
15.0	0.7	1.4	2.7	5.4

As a Topdressing

Add this product daily to the grain or concentrate portion of the horse's diet to provide 70 mg. of RABON per 100 pounds of body weight. This is equivalent to the following: 1/2 tablespoon for a 250-lb. animal; 1 level tablespoon for a 500-lb. animal; 2 level tablespoons (8.8 g) for a 1000-lb. animal; or 4 tablespoons for a 2000-lb. animal.

All horses in the stable area should be treated.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent or Seller is authorized to do so except in writing and with specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.