

2724-321 15

MAR 24 1986

Ms. Sally A. Jaksa
Regulatory Specialist
Zoecon Industries
12200 Denton Drive
Dallas, TX 75234

Dear Ms. Jaksa:

Subject: Amendment - Preslaughter Interval and Dilution Rate Revision/
Label Review/Formulation Change
Zoecon RF-224 Phosmet Flowable
EPA Registration No. 2724-321
Your Letters Dated December 18, 1985 and January 13, 1986

The amendment 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 and/or 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 the Statement of Practical Treatment

- Add the word "immediately" after the words, "Poison Control Center."
- Following the sentence, "Drink one or two glasses" add the sentence, "Repeat until vomit fluid is clear."
- Change the word "Give" to "Drink."
- Delete, "if irritation appears, get medical attention," and add the sentence, "Apply artificial respiration if indicated."

85883:Shell:LR-5:KENCO:3/18/86:3/27/86:dej:VO

CONCURRENCES

1 (4-81)

OFFICIAL FILE COPY

- b. Under the Environmental Hazard section revise the second sentence to read, "Do not apply directly to water or wetlands."
- c. With the imposition of "feed lot use only" on dip concentrations that are higher than 0.06% phosmet, a 21-day preslaughter interval is unlikely to be violated. Consequently, residues in meat and meat byproducts of livestock will not exceed the current 0.2 ppm tolerance.

This new label change is acceptable on the condition that you will submit additional dip residue data within 12 months from the date of this letter to support that current tolerances will not be exceeded using preslaughter intervals of 21 days and less.

- d. Under the Storage and Disposal section add the subheadings (bold print or underlined) "Pesticide Disposal," followed by the wording, "Do not contaminate water, food . . ." and "Container Disposal" followed by the wording, "Plastic Containers - Triple rinse (or equivalent). Then offer for"
- e. Add to the Precautionary Statements section the sentence, "Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco."

3. The formulation change requested in your January 13, 1986 letter has been reviewed and found acceptable. This information has been placed in the files for the subject product.

4. The addition of the two new tables and other changes must be for Starbar 6X-118 (EPA Registration No. 2724-262). Please submit corrected labeling for this product.

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 (TS-767C)

Enclosure

ZOECON RF-224 PHOSMET FLOWABLE

A BEEF AND NON-LACTATING DAIRY CATTLE INSECTICIDE
FOR CONTROL OF SCABIES MITES,
GULF COAST EAR TICKS, LICE, HORNFLIES, CATTLE TICKS
AND SOUTHERN CATTLE TICKS

ACTIVE INGREDIENTS:
M-(Mercaptomethyl) phthalimide
S-(0,0-dimethyl phosphorodithioate).... 50.0%
INERT INGREDIENTS:..... 50.0%
100.0%

U.S. Patent No. 2,767,194

Contains 5.0 lbs Active Ingredient per Gallon

Shake Well Before Using

KEEP OUT OF REACH OF CHILDREN

WARNING

See Other Precautions On Back Panel

Read All Directions Before Using

NET CONTENTS:

GX-118 is a trademark of Zocon Corporation
PROLATE is a trademark of Stille Chemical Co.

ACQUITTED
with COMMENTS
EPA Letter Date

MAR 24 1986

Under the Fungicide Act
registered with Reg. No.
2724-321

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS - WARNING: May be fatal if swallowed. Avoid contact with skin, eyes or clothing. Avoid inhalation of spray mist.

Although claims for cattle grubs (*Hypoderma lineatum* and *Hypoderma bovis*) are not made for this product, it is important to treat cattle before or after grub larvae are in the gullet or spinal canal. Killing of larvae in these tissues may cause host-parasite reactions such as bloat, salivation, staggering, and paralysis. Consult your veterinarian, extension livestock specialist, or extension entomologist regarding timing of treatment to avoid host-parasite reactions.

STATEMENT OF PRACTICAL TREATMENT: If in eyes - Flush eyes with plenty of water. Call a physician if irritation persists. If on skin - Remove contaminated clothing and wash affected areas with soap and water. If swallowed - Call a physician or Poison Control Center. Give 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. If spray mist is inhaled - Remove to fresh air. If irritation appears, get medical attention.

NOTE TO PHYSICIAN AND VETERINARIAN: Phosmet Flowable is an organophosphate insecticide and a cholinesterase inhibitor. If signs of cholinesterase inhibition are present, atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine. Usual symptoms of organophosphate poisoning in man include: headache, blurred vision, weakness, nausea, discomfort in the chest, vomiting, abdominal cramps, diarrhea, salivation, sweating, pin-point pupils. Usual symptoms of poisoning in animals include salivation, labored breathing, loss of balance, staggering, and pin-point pupils. If host-parasite reactions occur, atropine is contraindicated.

ENVIRONMENTAL HAZARD: This product is toxic to fish, birds, and wildlife. Do not apply directly to lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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

BEEF AND NON-LACTATING DAIRY CATTLE

Do not treat non-lactating dairy cattle within 28 days of freshening.

FEEDLOT USE ONLY - DIP VAT TREATMENTS (21 Day Pre-Slaughter Interval)

To Control	Dilution Rate	Vat Maint. Range % PROLATE
Scabies Mites	1:200	0.25-0.30
Gulf Coast Ear Tick	1:400	0.10-0.15
Lice	1:600	0.075-0.10
Hornflies	1:800	0.06-0.075

GENERAL USE - DIP VAT & SPRAY TREATMENTS (3 Day Pre-Slaughter Interval)

To Control	Application Method	Dilution Rate	Vat Maint. Range % PROLATE
Gulf Coast Ear Tick	Spray	1:400	
Lice	Spray	1:600	
Hornflies	Spray	1:800	
Cattle Ticks	Dip	1:1000	0.03-0.06
	Spray	1:1000	
Southern Cattle Tick	Dip	1:1000	0.03-0.06
	Spray	1:1000	

SCABIES MITE CONTROL

For control of scabies mites, two treatments, 10-14 days apart are required.

DIP VAT PROCEDURE

Prior to charging vat, empty out old contents and thoroughly clean the vat. Add water to the vat. Add Phosmet Flowable at the desired rate indicated on the table. For example: To treat for scabies mites, use 1 gallon of Phosmet Flowable for each 200 gallons of water.

Stir the vat thoroughly, preferably with a compressed air device; however, any form of thorough mixing is adequate since the Phosmet Flowable mixes readily.

Restir vat contents prior to each use.

REPLENISHMENT

During the dipping operation, replenish the vat with Phosmet Flowable by 1/8 to 1/4 of its initial initial charge dilution.

For evaporation add additional Phosmet Flowable due to rainfall, merely replenish the vat with Phosmet Flowable at the initial charge dilution. If the PROLATE content and adjust accordingly and recharge.

VAT MAINTENANCE

When utilizing the PROLATE Flowable, maintain the PROLATE concentration within the Vat Maintenance Range. The concentration is not too foul for satisfactory results. Excessive darkening of solution, for use of Field Test Kit. Available from your Starbar representative.

When not utilizing the PROLATE Flowable, empty, clean, and recharge the vat.

1. When the vat has been charged, stir the vat.
2. When the dip becomes too dark, add Phosmet Flowable to the 120 day limit.
3. If the number of animals in the vat exceeds the initial dilution, add Phosmet Flowable to the 120 day limit.

SPRAY PROCEDURE

Mix Phosmet Flowable with water at the rate on the table and stir thoroughly. High-pressure spray, taking care of point of run-off. Do not store in vat.

WARNINGS

1. Phosmet Flowable is a cholinesterase inhibitor. Do not use on animals simultaneously with other cholinesterase inhibitors, such as insecticides, drugs, pesticides, or chemicals. Consult veterinarian at first signs of poisoning.
2. Do not treat non-lactating dairy cattle within 28 days of freshening. If freshening occurs after treatment that milk must be discarded for 3 months old.
3. Do not treat sick, convalescing, or stressed animals. Less than 3 months old.
4. Be sure free access to dry feed and water prior to dipping. Do not dip animals. Following dipping, provide ventilation to thoroughly dry animals. Do not crowd or overheat.
5. Important: Repeat treatment every 7-10 days. Treat any time of the year except during the gullet or spinal canal. Treat any time 7-10 days following dipping.

STORAGE & DISPOSAL

Store in original container. Do not feed by storage or disposal. Wastes may be disposed of on site or at a Plastic Container - Triple rinse recycling or reconditioning, or pump out to landfill, or incineration, or, if allowed by burning. If burned, stay out of the fire (or equivalent). Then dispose of container as local procedure or other approved state and local procedure.

ZOECON INC.
A Division of Zocon
12200 Denton Drive, Dallas, TX 75244

EPA Reg. No. 2724-321
EPA Est. 2724-1E-1
© 1983 Zocon