

PMIS

67517-33

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

300/499/71
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18 JAN 1996

Mr. Joe Dyer
PM Resources, Inc.
13000 St. Charles Rock Road
Bridgeton, MO 63044

Dear Mr. Dyer:

Subject: Labeling Amendment
Purina Residual Livestock Insecticide
EPA Registration No. 67517-33
Your Submission Dated June 15, 1995

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling:

1. Under Directions for Use for recreational area add: "Do not spray food crops."
2. You may delete the statement "Do not use manure/dropping on land....."
3. Revise the active ingredient statement as follows:

Tetrachlorvinphos: 2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethylphosphate.....24.0%

The Reregistration Eligibility Document (RED) for Tetrachlorvinphos will be released to registrants in the near future. You may be required to make additional labeling changes including in the RED. Submit two copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

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

enclosure		CONCURRENCES					
SYMBOL							
SURNAME	Hebert						
DATE							

Reasons For Issue: For Submission to EPA

Updated label with respect to current EPA Regulations and combined EPA accepted labels dated August 13, 1984 and October 25, 1989.

EPA Reg. No. 67517-33
EPA Est. No. 67517-MO-1

Front Panel

Residual Livestock and Poultry Insecticide

Livestock Spray, Backrubber, Residual Surface Spray,
Larvicide Roost Paint, Poultry Spray, Recreational Tick and Flea Spray.

Emulsifiable Insecticide

- Controls Horn Flies, Lice and Lone Star Ticks on Beef Cattle and Lactating Dairy Cattle and Lice on Swine. Aids in control of Face Flies. (No tissue or milk withdrawal)
- Controls Northern Fowl Mites, Chicken Mites, Fowl Ticks and Lice on Chickens.

ACTIVE INGREDIENT:

2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphate..... 24.0%

INERT INGREDIENTS 76.0%

100.0%

This product contains the toxic inert ingredient phenol

KEEP OUT OF REACH OF CHILDREN

DANGER

**SEE SIDE/BACK PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS**

FOR AGRICULTURAL/COMMERCIAL USE ONLY

NET 32 FL OZ (1 QT)

Manufactured by
PM RESOURCES, INC.
13001 St. Charles Rock Road
Bridgeton, MO 63044

ACCEPTED
with COMMENTS
in EPA Letter Dated

18 JAN 1996

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

67517-33

DIRECTIONS FOR USE

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

Residual Livestock and Poultry Insecticide is suitable for use in conventional power or low pressure knapsack sprayers and mechanical or pour-on rubbing devices. Follow the DIRECTIONS FOR USE for the proper percent solutions needed for a specific insect problem and use. Refer to the DILUTION TABLE for quantity of insecticide needed at the percent solution recommended. There is no withholding period from last application to slaughter.

DIRECTIONS FOR BEEF AND LACTATING DAIRY CATTLE AND SWINE USE

ANIMAL	INSECT	USE	% SOLUTION	REMARKS
Beef	Horn Flies, Face Flies. Lice including Tail Lice	Livestock Spray	0.30%	Apply as coarse spray. Use between 1/2 to 1 gallon of spray per animal, depending on size and hair-coat
	Lone Star ticks		0.5%	
Lactating Dairy Cattle	Horn Flies, Face Flies. Lice Including Tail Lice	Livestock Spray	0.04%	Apply as coarse spray. Use 1/2 gallon of spray per animal.
Beef and Lactating Dairy Cattle	Horn Flies, Face Flies	Backrubber	1.0%	Mix with #2 diesel oil or any approved backrubber base oil. Keep backrubber charged.
Swine	Lice	Livestock Spray	0.5%	Apply as coarse spray using 1 to 2 quarts per head to thoroughly wet the animal. Repeat in 2 weeks if required

DILUTION TABLE

AMOUNT OF RESIDUAL LIVESTOCK & POULTRY INSECTICIDE	AMOUNT OF WATER			Amount of Oil (1.0% Solutions)
	(0.04% solution)	(0.30% Solution)	(0.5% Solution)	
Pint	74.5 gallons	10 gallons	6 gallons	3 gallons
Quart	149.0 gallons	18 gallons	12 1/2 gallons	5 gallons
Gallon	595.0 gallons	75 gallons	50 gallons	25 gallons

NOTE: Agitate mixture thoroughly before application.

DIRECTIONS FOR USE (Cont'd)

DIRECTIONS FOR POULTRY USE

TO CONTROL	TYPE HOUSING	STRENGTH TO USE	APPLICATION	REMARKS
Lice and Mites	Wire Cage	0.5%	1 gallon / 100 birds	Apply directly to birds, spray vent and fluff areas from below. Repeat when necessary. Do not repeat more often than every 14 days. For individual bird treatment, apply 1 ounce of the mixture per bird
	Note: For maximum lasting control of the northern fowl mite, penetration of the feathers around the vent area is absolutely essential. Use power sprayer at 100-125 PSI at NOT LESS THAN RECOMMENDED RATE. More attention must be given each individual bird when using low-pressure equipment. Treat roosters carefully and thoroughly to avoid re-infestation in breeding flocks.			
	Floor Management	0.5%	1-2 gallon / 1000 sq. ft.	Apply evenly for penetration to litter surface. Apply thoroughly to walls, roosts, cracks, crevices and interiors. Spray birds lightly.
	Roost Pint	1.0%	1 pint / 100 ft	Treat with brush or spray thoroughly, particularly cracks and crevices. Wear protective gloves.
Fowl Tick (Blue Bug)	All Types	1.0%	1 gallon / 100-150 sq. ft	Apply thoroughly to walls, ceiling, floors cracks and crevices with a power sprayer
Flies Residual	All Types	1.0%	1 gallon/500-1,000 sq. ft.	Apply thoroughly to point of runoff to walls, ceilings, and where flies congregate and feed. Do not apply to the birds.
Larvicide	Wire Cages	1.0%	1 gallon/100 sq ft of droppings	A thorough coverage and penetration is essential for initial control
NOTE: Regardless of the condition of the droppings, apply enough spray to penetrate and kill the larvae. Less spray will be required thereafter provided a regular schedule is followed.				

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DIRECTIONS FOR USE (Cont'd)

DILUTION TABLE

CONCENTRATION	AMOUNT OF WATER			
	1 GALLON	5 GALLONS	25 GALLONS	100 GALLONS
Amount of RESIDUAL LIVESTOCK AND POULTRY INSECTICIDE 0.50% Concentration	3 ounces	13 ounces	2 quarts	2 gallons
Amount of RESIDUAL LIVESTOCK AND POULTRY INSECTICIDE 1.00% Concentration	6 ounces	26 ounces	4 quarts	4 gallons

NOTE: Agitate mixture thoroughly before application.

DIRECTIONS FOR RESIDUAL SURFACE AND LARVICIDE

Residual Surface Spray: Mix 1 gallon of RESIDUAL LIVESTOCK AND POULTRY INSECTICIDE in 25 gallons of water (1% concentration) and apply as an over-all application to ceiling and walls of dairy barns, livestock sheds, calf barns, hog barns and other farm buildings. Other areas where flies congregate, such as around garbage dumps and corral should be sprayed thoroughly. Repeat applications as fly populations warrant. Extreme infestations may necessitate increasing the dosage to 2 gallons RESIDUAL LIVESTOCK AND POULTRY INSECTICIDE per 25 gallons of water. Applications should be made to the point of run-off. One gallon of spray should treat 500 to 1,000 sq. ft. of surface area.

Larvicide: Mix 1 gallon of RESIDUAL LIVESTOCK AND POULTRY INSECTICIDE with 25 gallons of water (1% concentration) and apply 1 gallon of solution for every 100 square feet of droppings under poultry on wire or in cages, or apply around manure, or garbage.

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

DILUTION TABLE

CONCENTRATION	AMOUNT OF WATER		
	1 GALLON	5 GALLON	25 GALLON
Amount of RESIDUAL LIVESTOCK AND POULTRY INSECTICIDE for Residual fly Control at 1.0%	6 ounces	26 ounces	1 gallon
Amount of RESIDUAL LIVESTOCK AND POULTRY INSECTICIDE for Larvicide Cleanup at 1.0%	6 ounces	26 ounces	1 gallon

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DIRECTIONS FOR USE (Cont'd)

DIRECTION FOR RECREATIONAL AREA TICK & FLEA SPRAY

Apply a coarse spray to infested areas of campgrounds, backyards, picnic areas, recreational parks, and other outdoor living areas. Do not spray trees, bushes, or ornamentals. Do not enter area while spray is wet.

INSECT	USE	% SOLUTION	REMARKS
Ticks Fleas Chiggers	Spray	0.5%	Spray infested areas thoroughly (approximately 25 gallons of mixed solution per acre). Spray along foot paths and roadsides leading to such areas.

DILUTION TABLE

AMOUNT OF RESIDUAL LIVESTOCK AND POULTRY INSECTICIDE	AMOUNT OF WATER (0.5% SOLUTION)
1 pint	6.25 gallons
1 quart	12.5 gallons
2 quarts	25 gallons
1 gallon	50 gallons

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive, causes irreversible eye damage. Cause skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, long-sleeved shirt and pants, chemical resistant gloves, shoes and socks

May be fatal if swallowed. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse. Avoid contamination of feed and foodstuffs. Do not apply in dwellings

DIRECTIONS FOR USE (Cont'd)

STATEMENT OF PRACTICAL TREATMENT

- If In eyes:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.
- If Swallowed:** Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. **DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.**
- If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
- In On Skin:** Wash with plenty of soap and water. Get medical attention.

NOTE TO PHYSICIAN: Contains a high percentage of light petroleum distillate, but probable mucosal damage may contraindicate the use of gastric lavage. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. Tetrachlorvinphos is an organophosphate insecticide. 2-PAM is also antidotal and may be use in conjunction with atropine.

ENVIRONMENTAL HAZARD

This pesticide is toxic to fish, birds and wildlife. Drift and runoff may be hazardous to aquatic organisms in adjacent areas. 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 by cleaning of equipment or disposal of equipment washwaters.

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.

PHYSICAL CHEMICAL HAZARDS

Do not use or store near heat or open flame

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STORAGE AND DISPOSAL

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

Pesticide Storage: Do not store near heat or open flame. Store in original containers in safe place. Keep container sealed when not in use.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Plastic containers triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE OF WARRANTY

PM RESOURCES, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED CONCERNING THIS PRODUCT OR ITS USES WHICH EXTEND BEYOND THE USE OF THE PRODUCT UNDER NORMAL CONDITIONS IN ACCORD WITH THE STATEMENTS MADE ON THIS LABEL.

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