

67517-60

6/10/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JUN 10 2003

Mr. Joseph E. Dyer
PM Resources, Inc.
13001 St. Charles Rock Rd.
Bridgeton, MO 63044

Subject: Label Amendment Revising Directions for Use on Dogs
Pyrethroid W.B. Concentrate
EPA Reg. No. 67517-60
Your Resubmission Dated May 15, 2003

Dear Mr. Dyer:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comment below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. In the table on page 5, correct the dilution instructions for control of "Sheep "tick" or ked". The instructions specify 1 pt. per 8.5 gallons of water to make a 1:120 dilution. The correct dilution would be 1 pt. per 15 gallons of water.

If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,

A handwritten signature in cursive script that reads "Susan L. Stanton, for".

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

Enclosure

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PYRETHROID W.B. CONCENTRATE
(MULTIPURPOSE 5.7% CONCENTRATE)

- Water base product
- Contains Bitrex
- For agricultural/Commercial Use Only
- Broad spectrum multi-use insecticide
- Quick knockdown
- For use outdoors and in homes, kennels, and non-food areas of commercial buildings institutions, warehouses, theaters, office buildings, schools, motels, hotels, restaurants, and food/feed processing establishments.
- For control of fleas, brown dog ticks on premises and on dogs
- Residually controls fleas and ticks on dogs for 35 days.
- Aids in the control of ticks on dogs for an additional 2 weeks.

ACTIVE INGREDIENT:

*Permethrin (CAS NO.: 52645-53-1)..... 5.7%

OTHER INGREDIENTS:..... 94.3%

TOTAL 100.0%

* Cis/trans ratio: Max. 65% (+/-) trans and min. 35% (+/-) cis.
Contains 0.478 lbs. permethrin per gal. (54 grams permethrin per quart)

KEEP OUT OF THE REACH OF CHILDREN
CAUTION
SEE SIDE/BACK PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS

NET 32 FL. OZ.

EPA Reg. No.: 67517-60

EPA Est. No.: 67517-MO-1

ACCEPTED
with COMMENTS
In EPA Letter Dated:

JUN 10 2003

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
67517-60**

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

(Lot/Code/Product/Rev. Numbers as needed)

Mfg. & Printed in U.S.A.

Precautionary Labeling Must Meet Type Size and Prominence Requirements

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DRAFT LABEL
BACK/SIDE PANEL

READ ENTIRE LABEL BEFORE EACH USE

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

HAZARDS TO HUMANS: Harmful if swallowed or absorbed through the skin. Avoid contact with the skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Wear full faced gas mask with canister type recommended for general insecticide protection for applying indoors as a space spray or fog.

HAZARDS TO DOMESTIC ANIMALS:
USE ONLY ON DOGS, DO NOT USE ON CATS.

Do not use on puppies under 12 weeks of age. Do not repeat treatment more often than once every 14 days. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing animals. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. Certain medications can interact with pesticides. Consult a veterinarian before using on medicated animals.

FIRST AID

If Swallowed ° Call a poison control center or doctor immediately for treatment advice.
° Have person sip a glass of water if able to swallow.
° Do not induce vomiting unless told to do so by a poison control center or doctor.
° Do not give anything by mouth to an unconscious person.

If On Skin or ° Take off contaminated clothing.
Clothing ° Rinse Skin immediately with plenty of water for 15-20 minutes.
° Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-345-4735 for emergency medical treatment information.

NOTE TO PHYSICIAN

Do not administer or instill milk, cream or other substances containing vegetable or other animal fats which enhance absorption of lipophilic substances.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. 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 apply where runoff is likely to occur. Do not apply when wind speed exceed 10 mph. Do not contaminate water when disposing of equipment washwaters. Shrimp and crab may be killed if application rates recommended on this label are exceeded. Use with caution where these are important resources. This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on treated area. Do not apply this product or allow drift when bees are actively visiting the treatment area. Applications should be timed to provide the maximum possible interval between treatment and next period of bee activity.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

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

To prepare dilutions the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water or oil and blend thoroughly. Do not hold dilutions for more than 24 hours.

For maximum effectiveness, a combination of localized application and space treatment is recommended. Remove pets, birds and cover fish aquaria before spraying.

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared food is served such as dining rooms but excluding areas where foods may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food/feed should be covered or removed.

NON FOOD/FEEED AREAS including (but not limited to) garbage rooms, lavatories, floor drains (to sewers) entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling).

Do not apply to classrooms when in use. Do not apply this product in patient rooms or in any rooms when occupied by the elderly or infirm.

Do not allow spray treatment to contaminate pastureland, cropland, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture.

INDOOR USE AREAS: Aircraft (cargo areas only), Bakeries, Beverage Plants, Canneries, Flour Mills, Food Processing Plants, Grain Elevators, Granaries, Homes, Hospitals (non-patient areas) Hotels, Industrial Installations, Kennels, Meat Packing Plants, Motels, Office Buildings, Railroad Cars, Schools, Ships' Holds, Supermarkets, Truck Trailers, and Warehouses. **SEE THE FOLLOWING TABLES FOR ADDITIONAL USE DIRECTIONS**

APPLICATIONS SITES	PESTS CONTROLLED	USE DIRECTIONS	DILUENT	DILUTION RATE	APPLICATION RATE	DOSE RATE
<u>AS A SURFACE SPRAY</u> Aircraft, Bakeries, Beverage Plants, Canneries, Flour Mills, Food Processing Plants, Grain Elevators, Granaries, Homes, Hospitals, Hotels, Industrial Installations, Kennels, Meat Packaging Plants, Motels, Office Buildings, Railroad Cars, Restaurants, Schools, Ships' Holds, Supermarkets, Truck Trailers, and Warehouses.	Cockroaches, Water bugs, Palmetto Bugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Millipedes, Centipedes, Sow bugs, Pill bugs, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Red Rust Flour Beetles, Saw-toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Mealworms, Grain Mites, and Cadellles.	<p>For initial clean up of severe insect infestations: Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places cracks and crevices, under pallets, around containers of stored foods, around the base of machinery and behind shelves and drawers. Spray bookcases for Silverfish. Spray ant trails, nests and points of entry.</p> <p>For normal infestations: Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery and behind shelves and drawers. Spray bookcases for Silverfish. Spray ant trails, nests and point of entry.</p>	Water	1 part concentrate in 7 parts water (18 fl. ounces per gal. water)	1 gallon to 750 square feet of surface.	
	Carpet Beetles	Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested area of shelving.	Water	1 part concentrate to 14 parts water (9 fl. ounces per gal. water)	1 gallon to 750 square feet of surface	
	Bedbugs	Spray mattresses lightly particularly around tufts and seams. Take beds apart and spray in all joints. Treat Baseboards, molding and floors. Allow all treated articles to thoroughly dry before use. Cover treated mattress with mattress cover and sheet. Do not use mattress without cover.	Water	1 part concentrate in 14 parts water (9 fl. oz. per gal. water)		
	Fleas and Ticks (Adult and Larvae)	Thoroughly spray infested areas, pet bed, resting quarters, nearby cracks and crevices, along and behind baseboards, molding, window and doorframes, and localized areas of floor and floor covering. Fresh bedding should be placed in animal's quarters following treatments.	Water	1 to 2 parts concentrate to 28 parts water (4.5 to 9 fl. oz. per gal. water)		
<u>ON DOGS</u>	Fleas and Ticks	<p><u>ON DOGS: To control fleas, ticks</u></p> <p><u>AS A SPRAY</u> - Start spraying diluted product at the tail, moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and underbody. While spraying fluff the hair so that the spray wets thoroughly. Do not spray into eyes and face. Avoid contact with genitalia.</p> <p><u>AS A DIP</u> - Wet the dog with water before treatment. Sponge, dip or pour diluted product on the dog until its fur and skin are thoroughly wet making sure that the animal's entire body is treated, including the legs and underbody. Do not treat the dog's face. Let dog drip-dry. DO NOT RINSE OFF!</p> <p>NOTE: Do not use on puppies under 12 weeks of age. Do not repeat treatment often than once every 14 days.</p>	Water	1 to 1.5 parts concentrate to 64 parts water (2 to 3 fl. ounces per gal. water)		

APPLICATIONS SITES	PESTS CONTROLLED	USE DIRECTIONS	DILUENT	DILUTION RATE	APPLICATION RATE	DOSE RATE
Walls, ceilings, moldings, screens, doorframes, beams, light cords, and similar resting places.	Mosquitoes, Wasps, Gnats, Skippers	Treat surfaces using coarse wet spray. Spray thoroughly but do not allow run off to occur.	Water	1 part concentrate in 14 parts water (9 fl. oz per gal. water)		
LIVESTOCK SPRAY. Dairy & Beef Cattle, Sheep, Goats, Swine, Horses and Poultry. (For swine, do not ship animals for slaughter within 5 days of last treatment)	Horn Flies, House flies, Mosquitoes and Gnats	Apply to wet the hair thoroughly, with particular attention to top line, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed where flies are emerging in large numbers	Water	1 part concentrate in 68 parts water (1 pt. per 8.5 gal. water)		
	Stables Flies, Horse Flies and Deer Flies	Apply a quart per adult animal to wet the hair thoroughly with particular attention to the legs, flanks, barrel, top line another body areas commonly attacked by the flies. Repeat treatment as needed.	Water	1 part concentrate in 68 parts water (1 pt. per 8.5 gal. water)		
	Face Flies	Apply using spray, which produces large wetting droplets. Apply to the face of the animal before releasing to pasture. Apply sufficiently to wet the face but not more than 1.5 ounces per animal. Repeat daily as needed.	Water	1 part concentrate in 68 parts water (1 pt. per 8.5 gal. water)		
	Lice (including Poultry Lice), Northern Fowl Mites, Mange	Spray roost, walls and nests or cages thoroughly. This should be followed by spraying of the birds with a fine mist. For swine, thoroughly spray animal including ears. Retreat at 14 days for mange. Treat walls and bedding.	Water	1 part concentrate in 68 parts water (1 pt. per 8.5 gal. water)		1 gal. per 100 birds
	Bedbugs and Mites in poultry houses	Spray crevices of roost, poles, cracks in walls and cracks in nests where the bedbugs and mites hide.	Water	1 part concentrate in 120 parts water (1 pt. per 15 gal water)		
	Sheep "tick" or ked	Thoroughly wet all parts of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate of sufficient to wet the animal.	Water	1 part concentrate in 120 parts water (1 pt. per 8.5 gal water)		
	Fleas on Livestock (to kill and to protect against reinfestation)	Wet the animal by dipping or spraying	Water	1 part concentrate in 14 parts water (1 pt. per 7 qts. water)		
AS A SPACE SPRAY LIVESTOCK PREMISES: Barns, Milking Parlors, Milk Rooms, Dairies, Poultry Houses, Swine and Livestock Housing	Flies, Mosquitoes and Gnats	Apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist, using about 2 ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for ten to fifteen minutes. Ventilate area before entering.	Water	1 part concentrate in 14 parts water (1 pt. per 7 qts. water)		

APPLICATIONS SITES	PESTS CONTROLLED	DIRECTIONS	DILUENT	DILUTION RATE	APPLICATION RATE	DOSE RATE
Bakeries, Beverage Plants, Canneries, Flour Mills, Food Processing Plants, Granaries, Homes, Hospitals, Hotels, Industrial Installations, Kennels, Meat Packaging Plants, Motels, Office Buildings, Railroad Cars, Restaurants, Schools, Ships' Holds, Supermarkets, Truck Trailers, Warehouses.	House Flies, Fruit Flies, Gnats, Mosquitoes, Skipper Flies, Wasps, Hornets, Bees, Black Flies, Small Flying Moths.	<p>Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems. When using an oil dilution for space spraying, extinguish all flames and pilot lights when applying.</p> <p>For rapid control of House Flies, Fruit Flies, Gnats, Mosquitoes, Skipper Flies, Wasps, Hornets, Bees, Black Flies, Small Flying Moths direct spray at an upward angle distributing it uniformly through the entire area at a rate of 1 ounce per 1,000 cubic feet of space. Keep areas closed for at least 10 minutes. Vacate areas after treatment and ventilate and sweep up dead insects before reoccupying.</p> <p>For rapid kill of exposed or accessible stage of other insects named on this label, apply using conventional, mechanical or compressed air equipment (non-thermal) following direction for space spraying.</p>	Oil or Water	1 part concentrate in 14 parts water (9 fl. ounces per gal. water)	1 ounce per 1000 cubic feet	
Animal House, Corrals	Mosquitoes, Gnats, biting and non-biting Midges, Black Flies, and other biting Flies.	<p>Apply using vehicle mounted ULV equipment to create an insecticidal swath. For best results apply when there is a light breeze (i.e. about 5 mph) and apply in direction of breeze to obtain maximum swath and better distribution. Do not apply if winds exceed 10 mph. The target dose rate to be applied is up to 0.007 lb. a.i. per acre. This can be achieved under different conditions by altering the flow of insecticide from the equipment and/or the speed of the vehicle. Apply 3.5 to 7.0 fluid ounces per minute at vehicle speeds of 5-10 miles per hour using swath widths of 150-300 feet as appropriate to local conditions.</p> <p>At higher vehicle speeds flow rates should be increased proportionately to achieve the target dose rate.</p> <p>Not to be use within 100 feet (30 meters) of lakes and streams.</p> <p>In treatment of corrals, feed lots, swine lots and zoos, cover any exposed drinking water, drinking fountains and animals feed before application.</p> <p>Allow 24 hours before retreating. Do not apply more than once in a 24-hour period.</p>	Oil or Water	2 parts concentrate with 1 part suitable oil solvent, or at proportional oil dilutions calculated on the basis of vehicle speed and swath width to achieve the target dose.	Dependent on swath width, flow rate and speed of vehicle.	Up to 0.007 lbs. of active ingred per acre
<u>BARRIER SPRAY</u> Perimeter of residential yards, public facilities, paths, and recreational areas.	As an aid in reducing mosquito annoyance. To kill and control biting and non-biting midges, deer flies and other biting flies.	Apply with ULV or equivalent equipment adjusted to deliver a fine mist. Apply when walking at a speed of approximately 2 mph or a swath of 50 feet treating approximately 0.2 acre/minute.	Oil or Water	2 parts concentrate with 1 part suitable oil solvent, or at proportional oil dilutions calculated on the basis of vehicle speed and swath width to achieve the target dose.	Apply at a rate of 1/2 oz. per minute	Up to .0007 lbs. active per acre.
HOSE-END SPRAYER: To control listed insects, shake well before applying. Connect nozzle to hose; remove cap, insert dip tube and screw bottle onto nozzle. Turn on water at the tap. When ready to treat, place finger over the hole on right side of nozzle and the liquid will mix automatically at the proper ratio. Depending on type of sprayer use, follow dilution directions shown on sprayer. Apply to surfaces in dairies, barns feed lots, stables, poultry houses, swine and livestock housing: to control House Flies, and other manure breeding flies. Also aids in control of Cockroaches, Ants, Spiders, Mosquitoes, Crickets, and Face Flies. Walk and spray at a steady pace. Spray walls and surfaces thoroughly but do not allow run-off to occur. Treat no more than once every two weeks. Do not contaminate animals' feed or water by spray.						

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STORAGE AND DISPOSAL

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

Pesticide Storage and Spill Procedures: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Pesticide Disposal: Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

Containers One Gallon and Smaller: Do not reuse containers. Wrap container in several layers of newspaper and discard in trash.

CONTAINERS LARGER THAN ONE GALLON: Metal Containers - Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

Plastic Containers - Triple rinse or equivalent, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Glass Container - Triple rinse or equivalent, then dispose of in a sanitary landfill or by other approved State and local procedures.

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NOTICE OF WARRANTY

PM RESOURCES, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY 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.