

~~307-519215~~  
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Mr. Joseph E. Dyer  
PM Resources, Inc.  
13001 St. Charles Rock Road  
Bridgeton, MO 64044

Dear Mr. Dyer:

Subject: Amendment: Update Label/Change Product Name  
Hard Hitter Aerosol  
EPA Registration Number 67517-45  
Your submission dated February 10, 1997

This amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable, provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 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. On the front panel change "For use on livestock, dogs, warehouse and grain storage areas and premise spraying in and around the home." to read "For use in the home, on livestock and Non-Food Areas of Commercial Buildings: such as warehouses and grain storage area. For Control of Fleas, Ticks and Lice on Dogs."

b. Under Hazards to Humans delete "Wear full-faced gas mask with canister type recommended for general insecticide protection when applying indoors as a space spray."

c. Under Directions for Use change "Federal Law" to "Federal law".

d. Under Directions for Use delete "For space spraying/fogging indoors, wear a NIOSH or MSHA approved respiratory device."

e. On the front panel add "Agricultural/Commercial use Only".

f. On page 4 move "use only on dogs" under the paragraph for dogs.

3. Submit two (2) 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 section 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.

Sincerely,

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

Enclosure

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**FRONT PANEL**

**HARD HITTER® AEROSOL**

**For use on livestock, dogs, warehouse and grain storage areas and premise spraying in and around the home.**

**ACTIVE INGREDIENT:**

*Permethrin: (3-phenoxyphenyl) methyl (+/-) cis/trans	
3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate .....	0.50%

<b>INERT INGREDIENTS:</b> .....	99.50%
<b>TOTAL</b>	<b>100.00%</b>

\*Cis/trans isomer ratio: Min. 35% (+/-) cis and max. 65% (+/-) trans.

REC'D  
FEB 19 1997  
PPD1

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

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

EPA Reg. No.: 67517-45  
NET CONTENTS: 20 oz.

EPA Est. No.: 67517-MO-1

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

IN CASE OF EMERGENCY CALL: CHEMTREC (POISON CONTROL CENTER) AT 1-800-424-9300.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

SEP 30 1997

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the use of  
registered under EPA

67517-45

SIDE/BACK PANEL

**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

**HAZARD TO HUMANS:** Harmful if swallowed. May be absorbed through skin. Avoid inhalation of spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before smoking or eating. Avoid contamination of feed or foodstuffs. Wear full-faced gas mask with canister type recommended for general insecticide protection when applying indoors as a space spray. Remove pets and birds and cover aquaria before space spraying or surface applications. Vacate room after treatment and ventilate before reoccupying. Do not allow children or pets to contact treated areas until surfaces are dry. This product is not for use on humans. If lice infestations should occur on humans, consult either your physician or pharmacist for a product for use on humans.

**HAZARD TO ANIMALS:** Do not spray directly in/on eyes, mouth or genitalia. **Do not use on puppies under 12 weeks of age.** Remove birds and cover fish aquariums before spraying. Do not reapply product for 7 days. Consult a veterinarian before using this product on debilitated, aged, 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.

**STATEMENT OF PRACTICAL TREATMENT**

**If Swallowed:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**If Inhaled:** Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**If In Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**If On Skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

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**SIDE/BACK PANEL**

**PHYSICAL OR CHEMICAL HAZARDS**

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F. may cause bursting.

**DIRECTIONS FOR USE**

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

**READ ENTIRE LABEL BEFORE EACH USE.**

Do not use in food areas of food handling establishments, restaurants or other areas where food 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 foods are 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 should be covered or removed.

Nonfood areas are areas such as 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).

Remove protective cap, hold container upright and spray from a distance of 12 to 15 inches.

Remove birds and cover fish aquariums before spraying.

**For space spraying/fogging indoors, wear a NIOSH or MSHA approved respiratory device.**

**SHAKE WELL BEFORE USING.**

**In animal quarters and milk rooms:** For rapid control of **House Flies, Mosquitoes, Gnats, Wasps, Hornets, Bees and Small Flying Moths**, close windows and doors and spray at the rate of 2 seconds per 1000 cubic feet of space. For best results, keep area closed for 10 minutes after spraying. Do not remain in treated area and ventilate after treatment is completed.

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**SIDE/BACK PANEL**

**DIRECTIONS FOR USE (Continued)**

**LIVESTOCK:**

**Beef Cattle, Dairy Cattle, Goats, Sheep, Hogs And Horses:** To protect from attacks of **Stable Flies, Horse Flies, Deer Flies, Face Flies, House Flies, Horn Flies, Mosquitoes, and Gnats**, spray about 3 seconds on each side being careful to spray back, withers and forelegs thoroughly. To protect from **face flies**, spray the face and head, but do not spray into eyes. Repeat treatment when flies are troublesome.

**Swine:** Do not ship animals for slaughter within 5 days of last treatment.

**Blood Sucking Lice:** Apply to the infested areas of the animal using a stiff brush to get the spray to the base of the hair. Repeat every 3 weeks if required.

**Poultry Lice:** Spray roosts, walls and nests of cages thoroughly. This should be followed by spraying over the birds with a fine mist.

**Cockroaches, Waterbugs, Palmetto Bugs, Silverfish, Firebrats, Crickets, Scorpions, Spiders, Millipedes, Centipedes, Sowbugs, and Pillbugs:** Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible. Repeat treatment as necessary.

**Ants:** Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary.

**DOG PREMISES:**

**Fleas and Ticks (Adult and Larvae):** Remove and thoroughly clean or destroy pet bedding. Spray pet sleeping quarters, bed, entire floor and floor covering with special attention to cracks and crevices around baseboards, and window and door frames. Infested upholstered furniture may also be treated with this product. A test application should be made to upholstery or drapery fabrics in an inconspicuous place before use. Use only on Dogs.

**DOGS:**

**Fleas, Ticks and Lice on Dogs:** Using protective gloves (or mitts), start at the tail, stroke against the lay of the hair, spraying the parted fur in short bursts, directly behind the hand to insure penetrating the coat. Dampen the fur up to the head, repeat application weekly if necessary to control infestations.

**NOTE: Do not use on dogs under 12 weeks of age.**

**WAREHOUSE AND GRAIN STORAGE AREAS:**

**Indian Meal Moths, Angoumois Grain Moths:** Close doors and windows, direct spray into all parts of room especially around stored food product containers, pallets and darkened areas. Spray 7 to 10 seconds for each 1000 cubic feet of space. Keep area closed for 15 minutes following treatment. Repeat application as necessary.

**SIDE/BACK PANEL**

**DIRECTIONS FOR USE (Continued)**

Exposed stages of **Confused Flour Beetles, Saw-Toothed Grain Beetles, Red Flour Beetles, Rice Weevils, Granary Weevils, Grain Mites:** Spray into cracks and crevices, processing and handling equipment, around cartons or containers or other areas where these insects tend to congregate. Spray 30 seconds for each 100 square feet of surface. Keep area closed for 45 minutes to 1 hour after treatment. Repeat application as necessary. Infested stored food products in the home should be disposed of.

**Carpet Beetles:** Spray directly on beetles, floors, baseboards, shelves and carpets. Repeat treatment as necessary.

**Bedbugs:** Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, moldings and floors. Repeat treatment as necessary. Allow mattresses and other articles to dry thoroughly before use.

**STORAGE AND DISPOSAL**

**Pesticide Storage:** Store in a cool dry area. Do not transport or store below 32° F.

**Pesticide Disposal:** Securely wrap original container in several layers of news paper and discard in trash.

**Container Disposal:** Replace cap and discard containers in trash. Do not incinerate or puncture.

**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.**