

61483-64

09-17-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Mr. Hubert R. O'Neal  
KMG- Bernuth, Inc.  
9555 W Sam Houston Pkwy S. Ste 600  
Houston, Texas 77099-2168

SEP 17 2010

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Dr. O'Neal:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated August 23, 2010 for the following product(s):

**Permethrin II**

**EPA Reg. No. 61483-64**

The Registration Division (RD) has conducted a review of this request for applicability under PR Notice 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact Linda A. DeLuise at 703-305-5428.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard J. Gebken".

Richard J. Gebken  
Product Manager  
Insecticide Branch  
Registration Division (7504P)





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# PERMECTRIN™ II

An Emulsifiable Animal and Premises Spray with  
30-Day Residual Effects

**ACTIVE INGREDIENT**

Permethrin (CAS # 52645-53-1).....10.0%

**OTHER INGREDIENTS\*** .....90.0%

Total 100.0%

\*Contains petroleum distillates

Contains 0.75 lb. permethrin per gallon

EPA Reg. No. 61483-64

EPA Est. No. 61483-KS-01

**Keep Out of Reach of Children**

**NOTIFICATION**

**SEP 17 2010**

**CAUTION**

See back panel for additional precautionary statements

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-322-8177 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

**Net Contents: 1.0 U.S. Quart  
(946 ml)**

**Manufactured by: KMG-Bernuth, Inc.  
9555 W. Sam Houston Pkwy S. Ste 600  
Houston, TX 77099-2168  
1-800-322-8177**

8-23-2010

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## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed inhaled or absorbed through the skin. Avoid breathing vapor or spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Sensitivities may occur after using ANY pesticide 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.

**ENVIRONMENTAL HAZARDS:** This pesticide is extremely toxic to fish. Use with care when applying to areas adjacent to any body of water. For terrestrial uses, 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 wastes. Apply this product only as specified on this label.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use or store near heat or open flame.

#### DIRECTIONS FOR USE:

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

#### GENERAL PRECAUTIONS AND RESTRICTIONS

**READ ENTIRE LABEL BEFORE EACH USE: USE ONLY ON DOGS AND THEIR PREMISES, HORSES, BEEF AND DAIRY CATTLE, SWINE, SHEEP AND POULTRY AND THEIR PREMISES.** Kills flies, fleas, lice, mites and ticks including deer ticks (carrier of Lyme disease) and aids in control of cockroaches, mosquitoes and spiders.

Mix Permethrin II and apply the use-diluted material to animals and pest breeding or resting surfaces at the rates shown on the application instructions charts. These dilutions and rates will provide most efficient pest control under conditions of heavy pressure when good contact is achieved. Timing and frequency of applications should be based on pest populations reaching nuisance levels, but accompanying manure removal and sanitation practices should precede sprays. Do not spray feed, food or water. Do not repeat treatment for 2 weeks. Wash udders thoroughly before milking. Consult a veterinarian before using product on debilitated, aged, medicated, pregnant or nursing animals. Do not use this product on dogs under 12 weeks old.

#### APPLICATION INSTRUCTIONS

**APPLY TO: PESTS ON FARM PREMISES (BARNs, DAIRIES, LOAFING SHEDS, MILKING PARLORS, FEEDLOTS, STABLES, PADDOCKS, POULTRY AND LIVESTOCK HOUSING)**

Target Pests	Application Instructions
House Flies, Stable Flies, Lesser House Flies and other manure breeding Flies, Fleas, Lice, Mites, Ticks, including Deer Ticks (carrier of Lyme disease). Aids in control of Cockroaches, Mosquitoes, and Spiders	<b>Spray Application:</b> Mix 1 qt. in 25 gal.; 8 oz. in 6.25 gal.; 1-1/3 oz. (40 ml.) in 1 gal. of water*. Spray all surfaces to run-off with diluted emulsion using 1 gal. per 750 sq. feet. <b>Mist Blower:</b> Use undiluted in mist blower. Mist at 4 oz. per 1000 sq. feet. <b>Power Fogger:</b> Mix 1 qt. in 25 gal.; 1-1/3 oz. (40 ml.) in 1 gal. of water*. Fog at 4 oz. per 1000 sq. feet.

**APPLY TO: PESTS ON LARGE ANIMALS (DAIRY OR BEEF CATTLE AND HORSES)**

Target Pests	Application Instructions
Face Flies, Horn Flies, Horse Flies	<b>Backrubber:</b> Animals self-apply. Mix 1qt. in 20 gal.; 8 oz. in 5 gal.; 1.6 oz. (48 ml.) in 1 gal. of mineral oil or a non-irritating organic oil. Recharge backrubber oiler as needed.
Face Flies, Horn Flies, Horse Flies, Stable Flies, Mosquitoes, Lice, Mites, Ticks, including Deer Ticks (carrier of Lyme disease)	<b>High Pressure Sprayers:</b> Mix 1 qt. in 200 gal. or 8 oz. in 50 gal. of water. Spray to thoroughly cover entire animal. Apply from ½ to 1 gal. of spray per animal. For lice or mites, a second treatment is recommended 14-21 days later. <b>Hand, Garden or Low Pressure Sprayer:</b> Mix 8 oz. in 3 gal.; 2.5 oz. (75 ml.) in 1 gal. or 2/3 oz. (20 ml.) in 1 qt. of water. Spray each animal with up to 8 oz. of mixed spray. For lice or mites, a second treatment is recommended 14-21 days later.
Ear Ticks, Face Flies, Horn Flies	<b>Spot Application:</b> Mix 2 oz. (60 ml.) in 1 gal. of mineral oil or non-irritating organic oil or water. Apply ½ oz. per ear or 2-4 oz. on face or 12-16 oz. along the backline.

**APPLY TO: PESTS ON SWINE, SHEEP, POULTRY AND DOGS ONLY (DO NOT SHIP SWINE FOR SLAUGHTER WITHIN 5 DAYS OF LAST TREATMENT)**

Target Pests	Application Instructions
Mange Mites	Mix 1 qt. in 100 gal.; 8 oz. in 25 gal.; 1oz. (30 ml.) in 3 gal. of water. Spray or dip animals. Retreat after 14 days spraying walls and floor and replace bedding to kill late hatching, developing stages. Do not reapply product for 2 weeks.
Blow Flies, Mosquitoes, Hog Lice, Fleas, Ticks, including Deer Ticks (carrier of Lyme disease)	Mix 1 qt. in 100 gal.; 8 oz. in 25 gal.; 1oz. (30 ml.) in 3 gal. of water. Spray, paint or dip to apply 1 pt. per dog, pig or sheep, especially around ears. Do not reapply for 2 weeks.
Poultry Mites	Mix 1 qt. in 100 gal.; 8 oz. in 25 gal.; 1oz. (30 ml.) in 3 gal. of water. Spray ½ oz. per bird or 1 gal. per 100 birds, directed towards vent area. Spray cages.

\*1 oz. is equivalent to 2 tablespoons or 30 ml.

**INDICATIONS**

**READ ENTIRE LABEL BEFORE EACH USE: USE ONLY ON DOGS AND THEIR PREMISES, HORSES, BEEF AND DAIRY CATTLE, SWINE, SHEEP AND POULTRY AND THEIR PREMISES. Kills flies, fleas, lice, mites and ticks including deer ticks (carrier of Lyme disease) and aids in control of cockroaches, mosquitoes and spiders.**

**BUYER GUIDE:** The following statements are made as a general guide to quantity of pesticide required for various applications. See chart on inside of back panel for complete directions on dilution and use.

**Premises Use as a Spray or Fog:** 8 oz. makes 6.25 gal., 1qt. makes 25 gal. of ready-to-use spray when mixed with water or oil.

**Large Animal Use:** Mix 8 oz. in 5 gal. or 1 qt. in 20 gal. of oil for backrubbers and oilers; mix 2 oz. in 1 gal. of oil or water for spot application; mix 8 oz. in 50 gal. or 1 qt. in 200 gal. of water as a spray for beef or dairy cattle and horses.

**Swine, Sheep, Poultry and Dog Use:** Mix 8 oz. in 25 gal. or 1 qt. in 100 gal. of water as a spray, paint or dip for swine, sheep and dogs; mix 8 oz. in 12.5 gal. or 1 qt. in 50 gal. of water and spray ½ oz. per bird or 1 gal. per 100 birds for poultry.

