

61483-87

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Dr. Hubert R. O'Neal  
Consultant for KMG- Bermuth, Inc.  
4109 Granada Drive  
Georgetown, Texas 78628

MAR - 5 2009

Dear Dr. O'Neal:

Subject: Amendment- add ticks to label  
Permethrin S Synergized Formula  
EPA Registration Number 61483-87  
Your submission dated February 26, 2009

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, and a copy of a stamped label is enclosed for your records.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Linda A. DeLuise".

Richard Gebken  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505P)

Enclosure

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**ACCEPTED**

MAR - 5 2009

Under Fungicide, Insecticide, and Rodenticide Act,  
as amended, and the pesticide  
registered under  
EPA Reg. No. 61483-87

**Permethrin S**  
**Synergized Formula**  
 Ready-To-Use Pour-on & Spray Insecticide  
Treats Up To 25 Cows per Gallon

**Kills Flies, Lice and Ticks  
 on Beef and Lactating Dairy Cattle,  
 and Kids on Sheep**

<b>ACTIVE INGREDIENTS</b>	
Permethrin (CAS# 52845-53-1)*	1.0%
Piperonyl Butoxide Technical (CAS# 61-03-8)**	1.0%
<b>OTHER INGREDIENTS***</b>	<b>98.0%</b>
<b>Total</b>	<b>100.00%</b>

\*cis/trans ratio: Min. 35%(±) cis, Max. 65%(±) trans  
 \*\* Equivalent to Min. 0.8% (butylcarbitol)(8-propylpiperonyl)ether and  
 0.2% related compounds.  
 \*\*\*Contains petroleum distillate.

EPA Reg. No. 61483-87  
 EPA EST. NO. 61483-KS-01(A), 63893-TX-02(B): Last letter is last letter of Lot No.

**Keep Out of Reach of Children**  
**CAUTION**  
 See back panel for additional precautionary statements.

**Manufactured For:**  
**KMG-Bemuth, Inc.**  
 Houston, TX 77038-1534 U.S.A.  
 (800) 322-8177

**NET CONTENTS: 1 U.S. Gallon (3.785 Liters)**

EPA No. ~~148288~~  
 AMEND 01408

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**PRECAUTIONARY STATEMENTS**

Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if absorbed through skin. Avoid contact with skin, eyes and clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

If swallowed	<ul style="list-style-type: none"> <li>Immediately call a poison control center or doctor.</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> <li>Hold eye open and flush slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue flushing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
FIRST AID If on skin or clothing	<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> <p><b>DO NOT INDUCE VOMITING</b></p>
<p>Have this product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-322-6177 for emergency medical treatment information.</p> <p><b>DO NOT INDUCE VOMITING</b></p> <p>Contains petroleum distillates - vomiting may cause aspiration pneumonia.</p>	

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish and other aquatic invertebrates. Do not add directly to water, or to areas where surface waters are present or to fertilized areas below the raised high water mark. Do not combine with other pesticides when disposing of equipment washwaters. Apply this product only as specified on this label.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flames.

**DIRECTIONS FOR USE**

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

APPLY TO	TARGET PESTS	APPLY INSTRUCTIONS
Beef Cattle, Lambing and Non-Lambing Dairy Cattle, and Calves	Horn Flies, Face Flies and Lice. Aids in control of House Flies, Stable Flies, House Flies, Mosquitoes, Black Flies and Ticks.	<p><b>Dose:</b> Apply 1/4 fl. oz. (15 ml) per 100 lbs. body wt. of animal up to a maximum of 5 fl. oz. for any one animal. For Pour-On and Ready-To-Use Spray applications, repeat treatment as needed, but do not exceed 5 fl. oz. during any 14 day interval. For opiuman headcollar effectiveness against lice, a second treatment at 14 day intervals is recommended.</p> <p><b>Pour-On:</b> Pour correct dose along back and down legs.</p> <p><b>Ready-To-Use Spray:</b> Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears.</p> <p><b>Back Wicker Use:</b> Mix one pint per gallon of mineral oil. Keep rubbing device charged. Residue can improve fly daily treated use.</p> <p><b>Dose:</b> Apply 1/4 fl. oz. (7.5 ml) per 50 lbs. body weight of animal up to a maximum of 3 fl. oz. for any one animal. For opiuman control, all animals in the stock should be treated either separately. For opiuman headcollar effectiveness against lice, a second treatment at 14 day intervals is recommended.</p> <p><b>Pour-on:</b> For Keds, pour strong back line over neck, shoulders and hump. Pour strong back line and down legs for lice, flies and ticks.</p> <p><b>Ready-To-Use Spray:</b> Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears.</p> <p><b>Ready-To-Use Spot Spray or Pre-mix Spray:</b> Use undiluted in a mist sprayer. Apply directly to surfaces to be treated or residual headcollar coating, paying particular attention to areas where insects crawl or crawl. One gallon will treat approximately 7,500 square feet.</p>
Sheep	Sheep Keds, Lice, Horn Flies and Face Flies. Aids in the headcollar control of House Flies, Stable Flies, Mosquitoes, Black Flies and Ticks.	<p><b>Dose:</b> Apply 1/4 fl. oz. (7.5 ml) per 50 lbs. body weight of animal up to a maximum of 3 fl. oz. for any one animal. For opiuman control, all animals in the stock should be treated either separately. For opiuman headcollar effectiveness against lice, a second treatment at 14 day intervals is recommended.</p> <p><b>Pour-on:</b> For Keds, pour strong back line over neck, shoulders and hump. Pour strong back line and down legs for lice, flies and ticks.</p> <p><b>Ready-To-Use Spray:</b> Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears.</p> <p><b>Ready-To-Use Spot Spray or Pre-mix Spray:</b> Use undiluted in a mist sprayer. Apply directly to surfaces to be treated or residual headcollar coating, paying particular attention to areas where insects crawl or crawl. One gallon will treat approximately 7,500 square feet.</p>
Premises - In and around Horses, Beef, Dairy, Suckling, Steery and Poultry premises, Animal Hospital Pens and Kennels and "outlets" Meat Processing Premises.	House Flies, Stable Flies, Face Flies, Gnats, Mosquitoes, Black Flies, Flies and Lice House Flies. Aids in control of cockroaches, ants, spiders, etcetera.	<p><b>Ready-To-Use Spot Spray or Pre-mix Spray:</b> Use undiluted in a mist sprayer. Apply directly to surfaces to be treated or residual headcollar coating, paying particular attention to areas where insects crawl or crawl. One gallon will treat approximately 7,500 square feet.</p>

**Note:** This is an off-base, ready-to-use product that may leave an oily appearance on the hair coat of some animals. This product should be used in an integrated pest management system which may involve repeat treatments and the use of other pest control practices.

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#### STORAGE AND DISPOSAL

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

**Storage:** Keep container sealed when not in use. Do not store near food or feed.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at 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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing and with specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

EPA Reg. 102607

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