

270-328

05/05/2009

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

**May 5, 2009**

**Ms. Lorri Chavez, Director of Regulatory Affairs  
Farnam Companies, Inc.  
dba Central Life Sciences  
301 West Osborn Road  
Phoenix, AZ 85013-3928**

**Subject:** Amended Re-registration Label

**Product Name:** Farnam X-5303-98

**OPP Decision:** 356439

**EPA Reg. No.:** 270-328

Dear Ms. Chavez;

The Agency in accordance with the Federal Fungicide and Rodenticide Act as Amended (FIFRA) has completed reviewing all of the information submitted with your application to support the reregistration of the aforementioned product in connection with the MGK<sup>®</sup> 326 RED, and have concluded that your submission is acceptable with the following label revision provisions:

1. Marketing claims referring to control of public health pests that vector equine encephalitis (including Eastern and/or Western) or West Nile Virus must be supported by species-specific mosquito efficacy data. Therefore:

Delete the statement "Repels mosquitoes that may [(transmit) (carry)] [(equine encephalitis) (equine encephalitis viruses) (West Nile Virus) (Eastern Equine Encephalitis) (Western Equine Encephalitis)]"

Also, delete the statement "[[(Prevents blood-feeding by) (Repels) mosquitoes, vectors of [(equine encephalitis) (equine encephalitis viruses) (West Nile Virus) (Eastern Equine Encephalitis) (Western Equine Encephalitis)]]"

2. Revise the **DIRECTIONS FOR USE** statement by deleting the word 'liberally' from line 7 of paragraph 3 so the statement reads "As a wipe, apply with a clean cloth or sponge."

The Agency is in the process of developing and improving the current Efficacy Assessment Guidelines. The Agency intends to defer the determination of any related efficacy data requirements supporting the claims that may appear on this label until these Efficacy Assessment Guidelines are complete. When the guidelines are finalized, the Agency expects to issue a Data Call-In to address the revised guidelines to all registrants with registrations for products that have not previously submitted efficacy data sufficiently consistent with the revised guidelines.

NOTE: This product is not being re-registered under FIFRA Sec. 4(g) at this time.

Farnam Companies, Inc. should note that a notice of availability of EPA's reregistration eligibility decision (RED) document for products containing piperonyl butoxide was published in the *Federal Register* on July 26, 2006 (Volume 71, Number 143, Pages 42385-42386). EPA's RED for products containing permethrin was published in the *Federal Register* on February 27, 2008 (Volume 73, Number 39, Pages 10433-10434). EPA's RED for products containing MGK<sup>®</sup> 264 was published in the *Federal Register* on July 26, 2006 (Volume 71, Number 143, Pages 42381-42383). EPA's RED for butoxypolypropylene glycol was published in the *Federal Register* on December 21, 2007 (Volume 72, Number 245 Page 72713-72715). As a result, additional data and/or labeling changes may be required for products containing piperonyl butoxide, permethrin, MGK<sup>®</sup> 264, and butoxypolypropylene glycol.

You must submit two copies of the final printed label revised in accordance with the comments listed above before the product is released for shipment under this label. If you have any questions, you may contact Clayton Myers at (703) 347-8874 or [myers.clayton@epa.gov](mailto:myers.clayton@epa.gov).

A copy of your label stamped "Accepted with Comments" is enclosed for your records.

Sincerely,



Richard J. Gebken, Product Manager (10)  
Registration Division, Insecticide Branch

Attachment

FARNAM X-5303-98

- Repellent spray for horses
- Quick knockdown, kill and repellency for control of mosquitoes
- Repellent spray with soothing aloe and lanolin for horses, ponies & foals
- Contains two insecticides and two repellents for use on horses for residual control of mosquitoes, gnats, face flies, stable flies, house flies, mites, chiggers and lice
- Contains two insecticides and two repellents that provide control and repellency for gnats, flies, mosquitoes, mites, chiggers, fleas, ticks and lice
- Repels mosquitoes that may [(transmit) (carry)] [(equine encephalitis) (equine encephalitis viruses) (West Nile Virus) (Eastern Equine Encephalitis) (Western Equine Encephalitis)]
- [(Prevents blood-feeding by) (Repels)] mosquitoes, vectors of [(equine encephalitis) (equine encephalitis viruses) (West Nile Virus) (Eastern Equine Encephalitis) (Western Equine Encephalitis)]
- Repels before mosquitoes bite

ACTIVE INGREDIENTS:

Permethrin* (CAS #536-53-1).....	0.20%
Prallethrin** (ETOC®) (CAS #23031-36-9) .....	0.13%
Piperonyl Butoxide, Technical*** (CAS #51-03-06).....	0.50%
N-Octyl bicycloheptene dicarboximide (CAS #113-48-4).....	2.00%
Di-n-propyl isocinchomeronate (CAS #136-45-8).....	1.00%
Butoxypolypropylene glycol (CAS #9003-13-8).....	5.00%
OTHER INGREDIENTS:.....	91.17%
TOTAL.....	100.00%

\*[(3-Phenoxyphenyl) Methyl (±) cis/trans-3- (2,2-dichloroethenyl) dimethylcyclopropane carboxylate]  
 \*\**(RS)*-2-Methyl-4-oxo-3-(2-propynyl)cyclopent-2-enyl (1*R*)-cis, trans chrysanthemate  
 \*\*\*Equivalent to 0.40% (Butylcarbityl) (6-Propylpiperonyl) ether and 0.10% related compounds.

ETOC is a registered trademark of Sumitomo Chemical Company, Limited

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated**  
**MAY 5 2009**  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under EPA Reg. No  
270-328

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 Rev 4-09

EPA Reg. No. 270-328

EPA Est. No. \_\_\_\_\_

Net Contents: \_\_\_\_\_

KEEP OUT OF REACH OF CHILDREN  
**WARNING**  
SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured for:  
Farnam Companies, Inc.  
P. O. Box 34820  
Phoenix, AZ 85067-4820

READ ENTIRE LABEL BEFORE EACH USE  
USE ONLY ON HORSES, PONIES AND FOALS  
NOT FOR USE ON HORSES INTENDED FOR SLAUGHTER

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**WARNING**

**Humans:** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear appropriate eyewear (such as goggles or face shield). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

**Animals:** Avoid contact with eyes, or mucous membranes. Do not treat foals under 12 weeks of age unless prescribed by a veterinarian. Sensitivities may occur after using any pesticide product for animals. If signs of sensitivity occur, bathe the animal with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing animals.

<b>FIRST AID</b>	
<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 ON SKIN OR CLOTHING:</b>	<p>If you suspect a reaction to this product:</p> <ul style="list-style-type: none"> <li>• Discontinue use.</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 SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a Poison Control Center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the Poison Control Center or doctor</li> <li>• Do not give anything by mouth to an unconscious person</li> </ul>
In case of emergency or for product information, call (800) 234-2269.	
Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

<b>ENVIRONMENTAL HAZARDS</b>
<p>This product is 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 contaminate water when disposing of equipment washwaters or rinsate.</p>
<b>PHYSICAL OR CHEMICAL HAZARDS</b>
<p><b>FLAMMABLE.</b> Keep away from heat and open flame. Contains alcohol. Do not apply to painted or finished wood surfaces.</p>

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## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not use on horses or foals intended for slaughter. Do not apply over cuts, wounds, or irritated skin. Do not apply near eyes and mouth. Apply sparingly around ears. Do not apply more than one time per day.

USE ONLY IN WELL VENTILATED AREA  
HOLD BOTTLE IN UPRIGHT POSITION WHEN SPRAYING

For initial treatment, apply daily for 2-3 days. [After initial application, retreatment would be appropriate one to two times weekly.] [Retreat every 3 - 5 days after initial treatment.] Also reapply every time animal is washed or exposed to heavy rain.

Horses, Ponies and Foals: Thoroughly brush the horse's coat prior to application, to remove loose dirt and debris. For dirty horses, and as a preparation for show grooming, clean the coat with a shampoo. Wait until coat is completely dry before applying spray. Cover entire surface of animal with spray but avoid getting product into horse's eyes or other sensitive areas such as mouth or nose. Brush coat against grain while spraying to insure adequate penetration of product. As a wipe, apply liberally with a clean cloth or sponge. Make sure spray has completely dried before covering with any tack. Do not use on horses or foals intended for slaughter.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in original container in a cool, dry place, inaccessible to children and pets. If a leaky container must be contained within another, mark the outer container to identify the contents. Do not store near heat or open flame. Store pesticides away from food, pet food, seed, fertilizers, and veterinary supplies.

**Pesticide Disposal:** Nonrefillable. Do not reuse or refill this container. **If Empty:** Place in trash or offer for recycling if available. **If Partly Filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.