

64881 - 6

08/19/2010

1/7



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Harvey L. Steinberg  
Regulatory Counsel  
AEGIS Environmental Management, Inc.  
2205 Ridgewood Drive  
Midland, MI 48642

AUG 19 2010

Subject: AEGIS 444-02 RTU Antimicrobial  
Reg. No. 64881-6  
Application Dated: July 14, 2010  
Receipt Date: July 20, 2010

Dear Harvey L. Steinberg

The following notification submitted in connection with registration under the provisions of PR Notice 98-10, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9. is acceptable.

**Proposed Notification**

1.
  - Revising Storage and Disposal directions per 2007-4

**Comments**

- Based on a review of the material submitted, the following comments apply:  
This application to revise the storage and disposal section per 2007-4 is acceptable.  
A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,

A handwritten signature in black ink, appearing to read "Velma Noble".

Velma Noble  
Product Manager (31)  
Regulatory Management Branch1  
Antimicrobial Division (7510P)



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

### Application for Pesticide - Section I

<b>1. Company/Product Number</b> 64881-6	<b>2. EPA Product Manager</b> Velma Noble	<b>3. Proposed Classification</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> AEGIS 444-02 RTU Antimicrobial	<b>PM#</b> 31	
<b>5. Name and Address of Applicant (Include ZIP Code)</b>  AEGIS Environmental Management, Inc. 2205 Ridgewood Drive, Midland, MI 48642-5884  <input type="checkbox"/> Check if this is a new address		<b>6. Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____  Product Name _____

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

### Section - III

<b>1. Material This Product Will Be Packaged In:</b>				<b>2. Type of Container</b>	
<b>Child-Resistant Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> Glass
<b>* Certification must be submitted</b>	If "Yes" Unit Packaging wgt. _____	No. per container _____	If "Yes" Package wgt. _____	No. per container _____	<input type="checkbox"/> Paper
<b>3. Location of Net Contents Information</b> <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		<b>4. Size(s) Retail Container</b>		<b>5. Location of Label Directions</b> <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
<b>6. Manner in Which Label is Affixed to Product</b> <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

### Section - IV

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>					
<b>Name</b> Harvey L. Steinberg		<b>Title</b> Regulatory Counsel		<b>Telephone No. (include Area Code)</b> 989-835-9353	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.					<b>6. Date Application Received (Stamped)</b>          
<b>2. Signature</b> 			<b>3. Title</b> Regulatory Counsel		
<b>4. Typed Name</b> Harvey L. Steinberg			<b>5. Date</b> July 14, 2010		



July 14, 2010

Document Processing Desk (NOTIF)  
 Office of Pesticide Programs (7504P)  
 U.S. Environmental Protection Agency  
 1200 Pennsylvania Avenue, N.W.  
 Washington, DC 20460

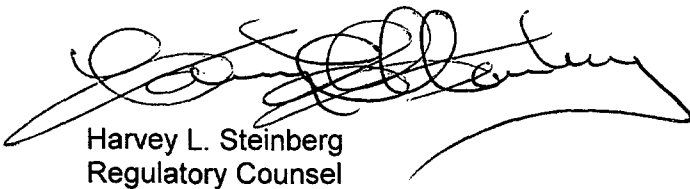
**Re: Notification – Standards for Pesticide Containers per PR Notice 2007-4  
AEGIS® 444-02 RTU Antimicrobial – Reg. #64881-6**

Enclosed please find completed EPA Form 8570-1 for the above product. The purpose of the notification is to revise the container handling with new, exact wording as specified in the Pesticide Container Labeling regulations, 40 CFR Part 156, and PR Notice 2007-4 for AEGIS® 444-02 RTU Antimicrobial (EPA Reg. No. 64881-6).

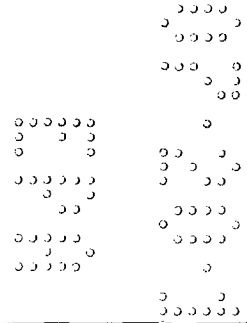
No other changes have been made.

Also enclosed are five copies of the revised Master Label with the change, relating to container handling, highlighted for easy reference on page 3 of the Master Label.

Sincerely,



Harvey L. Steinberg  
 Regulatory Counsel



**AEGIS ENVIRONMENTS**

---

2205 Ridgewood Drive • Midland, MI 48642-5884  
 Phone: (989) 832-8180 • 1-800-241-9186 • Fax: (989) 832-7572  
[www.aegismicrobeshield.com](http://www.aegismicrobeshield.com)



47

**MASTER LABEL**

**AEGIS™ 444-02 RTU**

**Antimicrobial**

**A SILANE QUATERNARY AMMONIUM SALT**

EPA Reg. No. 64881-6

EPA Est.

ACTIVE INGREDIENT: 3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride.....	0.84%
INERT INGREDIENTS: .....	99.16%
TOTAL .....	100%

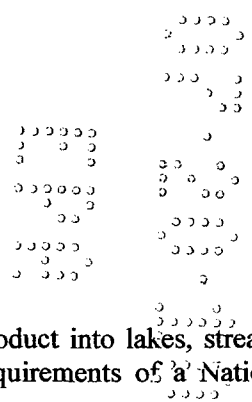
**KEEP OUT OF REACH OF CHILDREN**

**LOT NO.**

**NET CONTENTS**



**AEGIS ENVIRONMENTS, INC.**  
 2205 RIDGEWOOD DRIVE, MIDLAND, MICHIGAN 48642 U.S.A.  
 1-989-832-8180      © 2005 AEGIS Environments, Inc.  
**The AEGIS logo is a trademark of AEGIS Environments, Inc.**  
 MADE IN U.S.A.      Form 7F6-1 08/2005 DC4050655-0604



**ENVIRONMENTAL HAZARDS:**

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National

Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA

De-activation may be required during clean up if a spill occurs. De-activation of AEGIS RTU Ready-To-Use Antimicrobial can be achieved by the addition of an anionic surfactant or detergent (such as soap, sulfones, or sulfates) in quantity equivalent to that of the active ingredient.

**PRODUCT FEATURES AND BENEFITS**

- AEGIS 444-02 RTU Antimicrobial imparts durable biostatic activity to the surface of a wide variety of substrates.
- AEGIS 444-02 RTU Antimicrobial is effective against mold, mildew and algae as a static agent.
- Increased efficiency – through proper application, durable bacteriostatic, fungistatic and algistatic surfaces can be attained with a minimum amount of AEGIS 444-02 RTU Antimicrobial.
- Provides freshness and combats deterioration and discoloration caused by bacteria, fungi and algae.

**DIRECTIONS FOR USE**

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

**FOR COMMERCIAL APPLICATIONS IN HOMES, OFFICES AND INSTITUTIONS ONLY**

**APPROVED USES:** AEGIS 444-02 RTU Antimicrobial is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. AEGIS 444-02 RTU Antimicrobial can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity:

- Carpet, Draperies, Upholstery, Furniture, Book Covers, and Pictures
- Interior Non-Food Contact Hard Surfaces Including: Floors and Floor Coverings, Walls and Wall Coverings, Ceilings, Ceramic Tile, Concrete, Chrome, Stainless Steel, Fiberglass, Vinyl, Porcelain, Wood and Glass Fixtures, Marble, and Aluminum

**HOW TO USE:**

**MSDS INFORMATION:** BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET CAN BE OBTAINED BY WRITING TO AEGIS ENVIRONMENTS OR BY CALLING (989) 832-8180.

Wear protective eyewear (goggles or face shield) and rubber gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

AEGIS 444-02 RTU Antimicrobial is to be applied to organic and inorganic surfaces as supplied by brushing, dipping, padding, soaking, spraying or fogging until adequately wet, or applying by foaming techniques. After applying treatment, the surface should be allowed to dry at temperatures from ambient to a maximum of 160°C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. If necessary, reapply AEGIS 444-02 RTU Antimicrobial every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

**For Pump Spray Application:** Using pump sprayer, spray entire area 4-6 inches from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and colorfastness of fabrics and carpets by treating and drying a small, concealed area prior to application. When treating coarser substrates, more AEGIS 444-02 RTU Antimicrobial may be required due to absorption. One gallon of AEGIS 444-02 RTU Antimicrobial treats approximately 200 square feet.

**For Commercial Spray Application:** For commercial application equipment (i.e., carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers), apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. When treating coarser substrates, more AEGIS 444-02 RTU Antimicrobial may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. One gallon of AEGIS 444-02 RTU Antimicrobial treats approximately 200 square feet.

**For Dipping/Soaking Application:** Use appropriate sized washbasin or tub for dipping/soaking the item you are treating. Use enough AEGIS 444-02 RTU Antimicrobial solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking. The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F).

For each application, determine optimum application and drying conditions, such as time and temperature before use. If desired, reapply AEGIS 444-02 RTU Antimicrobial if odor, staining and discoloration due to bacteria, mold or mildew occur.

### STORAGE AND DISPOSAL

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

**STORAGE:** Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. When stored in original, unopened containers at or below 25°C (77°F), AEGIS 444-02 RTU Antimicrobial has a minimum shelf life of 12 months from date of shipment.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying.

For containers up to 5 gallons: **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

For containers greater than 5 gallons: **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Offer for recycling** if available 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.

7/7

**NOTICE:** AEGIS warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in the labeling when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to written instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

**AEGIS ENVIRONMENTS, INC. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.**