



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 3, 2017

Tony Herber  
Agent for  
Aegis Environmental Management, Inc.  
11400 Vanstory Drive  
Huntersville, NC 28078

Subject: Label Amendment – Additional use surface and other minor modifications  
Product Name: AEGIS 444-02 RTU Antimicrobial  
EPA Registration Number: 64881-6  
Application Date: May 2, 2017  
Decision Number: 529138

Dear Mr. Herber:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Tara Flint via email at [flint.tara@epa.gov](mailto:flint.tara@epa.gov) or Eric Miederhoff at [Miederhoff.eric@epa.gov](mailto:Miederhoff.eric@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "E. Miederhoff".

Eric Miederhoff  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure



MASTER LABEL

**AEGIS™ 444-02 RTU**

**Antimicrobial**

**A SILANE QUATERNARY AMMONIUM SALT**

EPA Reg. No. 64881-6

EPA Est. No.

**ACTIVE INGREDIENT:**

3-(Trimethoxysilyl) propyldimethyloctadecyl ammonium chloride ..... 0.84%

**OTHER INGREDIENTS:** ..... 99.16%

**TOTAL:** ..... 100.00%

**KEEP OUT OF REACH OF CHILDREN**

Lot No.

Net Contents



Manufactured for:  
**AEGIS ENVIRONMENTAL MANAGEMENT, INC.**  
11400 Vanstory Drive, Huntersville, NC 28078 USA  
1-704-875-0806  
Trademark of Aegis Environmental Management, Inc.  
Origin: U.S.A.

## 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 algaestatic 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.
- [Air filters Including: automotive cabin air filters and HVAC filters](#)

## 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 ENVIRONMENTAL MANAGEMENT, INC. OR BY CALLING (704) 875-0806.

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 the 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-or 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 ¼ 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 ¼ 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.

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