



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

July 25, 2025

Justin Roberts
Regulatory Counsel
Electronic Transmittal: roberts@khlaw.com

Subject: PRIA Label and CSF Amendment – Revised Certified Limits on Basic CSF and add Me-Too Food-use to the Label
Product Name: AEM 5772-5 ANTIMICROBIAL
EPA Registration Number: 64881-7
Received Date: 03/22/2024
Action Case Number: 00502191

Dear Mr. Roberts:

The amended label and CSF referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are 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. The next label printing of this product must use this labeling unless subsequent changes have been approved. Pursuant to 40 CFR 156.10(a)(6), 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.

Please note that the record for this product currently contains the following CSF:

- Basic CSF dated 06/18/2025

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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

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 with FIFRA section 6. If you have any questions, please contact Marcel Howard by phone at 202-566-2795, or via email at howard.marcel@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Marcel Howard", is positioned above the typed name.

Marcel Howard, Product Manager, Team 34
Regulatory Management Branch II
Antimicrobials Division (7510M)
Office of Pesticide Program

Enclosure

MASTER LABEL

AEM 5772-5 Antimicrobial

A SILANE QUATERNARY AMMONIUM SALT

EPA Reg. No. 64881-7

EPA Est. {to be inserted}

ACTIVE INGREDIENT: 3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride ...3.6%
INERT INGREDIENTS96.4%
TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

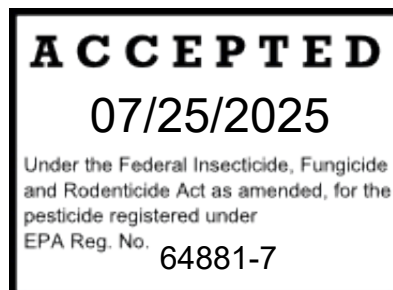
If in eyes:	<ul style="list-style-type: none">- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.- Call a Poison Control Center or doctor for treatment advice. <u>For additional information in case of emergency call 1-800-535-5053.</u>
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PRODUCT FEATURES AND BENEFITS

- AEM 5772-5 Antimicrobial imparts durable biostatic activity to the surface of a wide variety of substrates.
- AEM 5772-5 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 AEM 5772-5 Antimicrobial.
- Provides freshness and combats deterioration and discoloration caused by bacteria, fungi and algae.

LOT NO. {to be inserted}

NET CONTENTS {to be inserted}



AEGIS ENVIRONMENTAL MANAGEMENT, INC.

11400 Vanstory Drive, Huntersville, NC 28078
1-704-875-0806

The AEGIS logo is a registered trademark of AEGIS Environmental Management, Inc.
MADE IN U.S.A.

MASTER LABEL

INDUSTRIAL USE PRODUCTS

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS.

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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 AEM 5772-5 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.

DIRECTIONS FOR USE:

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

FOR INDUSTRIAL USE: This product is registered for formulation into Antimicrobial Products or as a microbiostatic agent for material preservation.

- Antimicrobial product formulations containing AEM 5772-5 require approval by the US EPA for antimicrobial claims made. Formulators are responsible for satisfying registration requirements for their formulated products.
- For use as a microbiostatic agent for material preservation, neither this product nor the articles treated with this product may state or imply any public health claims. Articles or substances treated with this product will be exempt from FIFRA regulation pursuant to 40 CFR 152.25(a) if the intended use for incorporating this material into a treated article or substance is for the protection of the article or substance itself.
- Finished products containing this product may not make claims of antimicrobial activity other than protection of the article itself against growth of bacteria, mold, mildew and fungus in the treated article. If growth of bacteria, mold, mildew or fungus in the treated article would lead to unpleasant odors and discoloration of the treated article, then such a claim may be made.

APPROVED NON-FOOD CONTACT USES: AEM 5772-5 Antimicrobial may be applied to or incorporated into manufactured products listed below for use in industrial, institutional, commercial or residential locations for non-food contact uses

Plastics, fiberglass, metals, glass, wood, ceramics, stone, natural materials, composites:

Including air filters for furnaces, air conditioners, air purification devices, automobiles, and recirculating air handling systems; aquarium filters; automotive and vehicular parts; roofing materials (tiles, shakes, shingles, granules, stone, membranes, felt, underlayment and synthetic overcoats); building materials and components (including siding, wallboard, wood and wood composites, polymer composites, insulation and non-food contact cabinetry); ceiling tiles; concrete and concrete products (including wet cast, dry cast, and self-consolidating concrete (SCC) containing Ordinary Portland Cement (OPC), and or/Granulated Ground Blast-furnace Slag (GGBS) and/or silica fume and/or fly ash and which can be precast or formed-in place); dry concrete and grout mixes; non-food contact conveyor and humidifier belts; non-food contact countertops; fiberglass ductboard for air handling systems; floor covering; flooring; general purpose (non-food contact) containers; furniture; bathroom and non-food contact kitchen hardware; mats; plumbing

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supplies and fixtures; sheet and formed glass; mops; vacuum cleaner bags and filters; foam for packaging and cushioning in nonfood contact applications.

Fibers, fabrics (natural and synthetic, woven and non-woven), leather and household materials (natural and synthetic): Including buffer pads (abrasive and polishing); mattress cover pads, filling and ticking; threads; pillow covers; sheets; blankets; bedspreads; fiberfill for upholstery, apparel, recreational gear, quilts and pillows; curtains; draperies; carpet and carpet underlay; rugs; upholstery; towels; shower curtains; toilet tank and seat covers; wall covering fabrics and wallpaper (including vinyl) for non-food contact surfaces; umbrellas; fire hose fabric; non-woven disposable diapers; wiping cloths; pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties); apparel including outerwear, sportswear, sleepwear, socks, hosiery, undergarments, gloves and uniforms; footwear (boots, shoes and components); sports equipment and athletic gear; cloth for sails, ropes, tents and other outdoor equipment; sand bags; tarps; awnings; book covers; pictures.

Miscellaneous Manufactured Products: Paints and Coatings; disposable foam cushions for Lapidus Airfloat Systems; foam used as a growth medium for non-food crops and plants. AEM 5772-5 Antimicrobial provides residual self-sanitizing activity against athlete's foot fungus (*Trichophyton mentagrophytes*) on treated socks. Durable for up to 10 repeated washings; prevents 99.9% of the growth of athlete's foot fungus on the sock.

APPROVED FOOD CONTACT USES: AEM 5772-5 Antimicrobial may be incorporated into resins, laminates, and surface coatings that are intended for use in the manufacture of food preparation surfaces; in polymers intended for use in tubing used for the transfer of beverages; and in carbon blocks intended for use in repeat use activated carbon water filters. Incorporate AEM 5772-5 Antimicrobial consistent with the usage rates described below and in FDA Threshold of Regulation (TOR) 2013-001.

HOW TO USE:

SDS INFORMATION: BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE 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.

AEM 5772-5 Antimicrobial can be applied to organic and inorganic surfaces as a dilute aqueous solution to give 0.1 to 1.0 percent by weight of active ingredients. Aqueous solutions can be prepared by simply adding the antimicrobial agent to water with stirring. NOTICE: Poor agitation when adding this silane to water can result in locally high concentrations, which may form gel particles. Surfaces can be treated with the aqueous solution by brushing, dipping, padding, soaking, spraying 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 curing of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Curing of polymer may be accelerated or enhanced with heat or catalysis. For each application, determine optimum application and drying conditions, such as time and temperature before use. If desired, reapply AEM 5772-5 Antimicrobial if odor, staining and discoloration due to bacteria, mold or mildew occur.

Incorporate AEM 5772-5 Antimicrobial directly into formulations used to make end-use products, or dilute with water and then apply it to the organic and inorganic surfaces to give 0.1 to 1.0 percent by weight of active ingredient.

For incorporated use as a grout or cement additive and in concrete and concrete products, add AEM 5772-5 Antimicrobial directly to the dry mix during the grout, cement, or concrete preparation. Use 10 - 40 fluid ounces of AEM 5772-5 Antimicrobial per 50 pounds of dry mixture. For concrete applications, use 1 – 5 gallons of AEM5772-5 per cubic yard of concrete. Follow directions for grout or concrete, using AEM 5772-5 Antimicrobial as part of the added water. Addition of AEM 5772-5 Antimicrobial inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae on the surface of the cured grout and concrete.

¹TREATED INTERMEDIATES/CONCENTRATES

This product is a pesticidal additive that protects treated intermediate manufacturing/industrial products and treated manufacturing/industrial products from the growth of bacteria, mold, mildew and fungus.

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MAXIMUM CONCENTRATION: For use in manufacturing/industrial intermediates at active ingredient levels up to 50% on a weight basis for further processing in an industrial environment into finished products. This

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dosage applies only to intermediate manufacturing/industrial uses. It does not apply to active ingredient concentrations in consumer finished products. The intermediate treated concentrate must be used in proportion to other inputs in the manufacture of treated articles entering commerce so that the final concentration of this product does not exceed the application rate of 1.0% on a weight basis in the consumer finished product articles to be preserved.

Specific materials: Polyester, silicones, polyethyleneimine, epoxy, emulsifiers, polyamides, ethoxylates, polyacrylic polymers, plasticizers (including epoxidized soybean oil, phthalate and non-phthalate plasticizers), latex, polyurea, polyurethane, polyaspartic, surfactants, quaternary ammonium compounds, stain release, stain repellents, water repellents, soil releasing agents, softeners, antistatic agents, moisture management agents, viscosity modifiers, film builders, sealants, antirust agents, flame retardants, lubricants, UV curable coatings, metal oxides, stabilizers.

¹Not approved for use in California

MASTER LABEL

COMMERCIAL USE PRODUCTS

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS.

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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 AEM 5772-5 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.

DIRECTIONS FOR USE:

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

FOR COMMERCIAL APPLICATIONS (IN HOMES, OFFICES, AUTOMOBILES AND INSTITUTIONS):

This product is registered as a microbiostatic agent for material preservation only; neither this product nor the articles treated with this product may state or imply any public health claims. Articles or substances treated with this product will be exempt from FIFRA regulation pursuant to 40 CFR 152.25(a) if the intended use for incorporating this material into a treated article or substance is for the protection of the article or substance itself. Finished products containing this product may not make claims of antimicrobial activity other than protection of the article itself against growth of bacteria, mold, mildew and fungus in the treated article. If growth of bacteria, mold, mildew or fungus in the treated article would lead to unpleasant odors and discoloration of the treated article, then such a claim may be made.

APPROVED USES: AEM 5772-5 Antimicrobial is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. It can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity:

- Carpet, Draperies and Upholstery, Furniture, Bedding and linens, shoes and apparel, Book Covers, and Pictures
- Plastics, fiberglass, metals, glass, wood, ceramics, stone, natural materials, composites: including air filters for furnaces, air conditioners, air purification devices, automobiles, and recirculating air handling systems; automotive and vehicular parts; concrete products, roofing materials (tiles, shakes, shingles, granules, stone, membranes, felt, underlayment and synthetic overcoats); building materials and components including siding, wallboard, polymer composites, wood and wood composites and insulation: non-food contact hard surfaces including floors and floor covering, walls, ceilings, ceiling tiles, ceramic tile, non-food contact countertops, concrete and concrete products (including wet cast, dry cast, and self-consolidating concrete (SCC) containing Ordinary Portland Cement (OPC), and/or Granulated Ground Blast-furnace Slag (GGBS) and/or silica fume and/or fly ash and which can be precast or formed-in-place), chrome, stainless steel, fiberglass, vinyl, porcelain, fabric and paper wall covering, wood and glass fixtures, marble, aluminum, and non-food contact cabinetry.

APPROVED FOOD CONTACT USES: Incorporate AEM 5772-5 Antimicrobial as an antimicrobial additive at or below the indicated maximum concentration into the repeat-use polymeric food contact products listed below if such use is not intended to have any antimicrobial effect in the food itself. Incorporation must be consistent with FDA Threshold of Regulation (TOR) 2013-001.

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Food Contact Use: Food preparation surfaces. AEM 5772-5 Antimicrobial can be used as an additive without food type or temperature limitation in food preparation surfaces (where AEM 5772-5 is either incorporated into the resin, a food contact laminated layer, or applied to the surface as part of a coating).

Products: Cutting boards

Maximum Concentration: 1% active weight percent of the resin, laminate, or coating

Food Contact Use: Polymeric tubing for the transfer of beverages

Products: Beverage dispensing equipment tubing, beverage processing equipment tubing

Maximum Concentration: 1% active weight percent of the finished tubing

Food Contact Use: Repeat use activated carbon water filters

Products: Repeat use activated carbon water filters

Maximum Concentration: 0.25% active weight percent of the carbon block

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HOW TO USE:

SDS INFORMATION: BEFORE HANDLING, READ PRODUCT AND 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.

AEM 5772-5 Antimicrobial can be applied to organic and inorganic surfaces as a dilute aqueous solution to give 0.1 to 1.0 percent by weight of active ingredients (suggested starting level is 1 part of AEM 5772-5 Antimicrobial to three parts of water). Aqueous solutions can be prepared by simply adding the antimicrobial to water with stirring. Surfaces can be treated with the aqueous solution by brushing, dipping, padding, soaking, spraying 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 AEM 5772-5 Antimicrobial every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

For Commercial Spray Equipment and Pump Spray Application: Dilute 1 part of AEM 5772-5 Antimicrobial to three parts of water. Apply (with pump sprayer, spray 4-6 Inches from the surface) entire area making sure the surface is completely covered, 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 AEM 5772-5 Antimicrobial may be required due to absorption.

For Dipping/Soaking Application: Use appropriate sized washbasin or tub for dipping/soaking the item you are treating. Use enough AEM 5772-5 Antimicrobial solution to completely submerge item. Dilute 1 part of AEM 5772-5 Antimicrobial to three parts of water; mix well. 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 1600 C (3200 F).

For each application, determine optimum application and drying conditions, such as time and temperature, before use. If desired, reapply AEM 5772-5 Antimicrobial if odor, staining and discoloration due to bacteria, mold or mildew occur.

For incorporated use as a grout or cement additive and in concrete and concrete products, add AEM 5772-5 Antimicrobial directly to the dry mix during the grout, cement, or concrete preparation. Use 10 - 40 fluid ounces of AEM 5772-5 Antimicrobial per 50 pounds of dry mixture. For concrete applications, use 1 – 5 gallons of AEM5772-5 per cubic yard of concrete. Follow directions for grout or concrete, using AEM 57725 Antimicrobial as part of the added water. Addition of AEM 5772-5 Antimicrobial inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae on the surface of the cured grout and concrete.

TREATED INTERMEDIATES/CONCENTRATES

This product is a pesticidal additive that protects treated intermediate manufacturing/industrial products and treated manufacturing/industrial products from the growth of bacteria, mold, mildew and fungus.

MAXIMUM CONCENTRATION: For use in manufacturing/industrial intermediates at active ingredient levels up to 50% on a weight basis for further processing in an industrial environment into finished products. This dosage applies only to intermediate manufacturing/industrial uses. It does not apply to active ingredient concentrations in consumer finished products. The intermediate treated concentrate must be used in proportion to other inputs in the manufacture of treated articles entering commerce so that the final concentration of this product does not exceed the application rate of 1.0% on a weight basis in the consumer finished product articles to be preserved.

MASTER LABEL

Specific materials: Polyester, silicones, polyethyleneimine, epoxy, emulsifiers, polyamides, ethoxylates, polyacrylic polymers, plasticizers (including epoxidized soybean oil, phthalate and non-phthalate plasticizers), latex, polyurea, polyurethane, polyaspartic, surfactants, quaternary ammonium compounds, stain release, stain repellents, water repellents, soil releasing agents, softeners, antistatic agents, moisture management agents, viscosity modifiers, film builders, sealants, antirust agents, flame retardants, lubricants, UV curable coatings, metal oxides, stabilizers.

¹Not approved for use in California

MASTER LABEL

CONSUMER USE PRODUCTS

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS.

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

DIRECTIONS FOR USE:

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

Wear safety glasses 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.

WASHABLE LINENS, DRAPERIES, FABRIC, BEDDING AND APPAREL:

Dipping/Soaking: Use a wash tub or machine for soaking the items you are treating. Always treat only clean items and use only fresh rinse water.

Wash Tub: Use washbasin or tub big enough to completely soak the item you are treating. Add 1 ounce of AEM 5772-5 Antimicrobial to sufficient water to soak 4 lbs of fabric, 2 ounces for 8 lbs. Completely submerge items in solution for 3 minutes. Remove items 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 temperature or in a clothes dryer at the appropriate setting for the items.

Washing Machine: Clean items first. Then run only rinse cycle. Add 2 ounces of AEM 5772-5 Antimicrobial for small, 3 ounces for medium or 4 ounces for large load settings on the machine. Run the full rinse cycle to treat the fabrics, then allow to dry overnight or use a dryer under the appropriate heat setting for the fabrics being treated. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application.

Spray: Clean items prior to application. Dilute one part of AEM 5772-5 Antimicrobial to three parts of water and mix or shake well. Using trigger pump sprayer or pressure sprayer, spray entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or dry under the appropriate heat setting for the fabrics being treated. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply every three months or when odor, staining, and discoloration due to bacteria, mold stains, or mildew stains return.

CARPET AND UPHOLSTERY/FURNITURE:

Spray: Always apply only to clean surfaces. Dilute one part of AEM 5772-5 Antimicrobial to three parts of water and mix or shake well. Apply to carpet and furniture using a trigger pump sprayer or pressure sprayer. Spray entire surface from 4-6 inches distance until completely covered. The amount needed for treatment will depend on the coarseness and absorbency of the material being treated. Allow to dry thoroughly before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply every three months or when odor, staining, and discoloration due to bacteria, mold stains, or mildew stains return.

FOR BATHROOM AND NON-FOOD CONTACT BUILDING SURFACES (including tubs and showers, tiles, vanity tops, shower curtains, grout, sinks, washable walls, wall paper, floors, window sills, concrete or stone surfaces and garbage cans).

MASTER LABEL

Spray: Always apply only to clean surfaces. Dilute one part of the AEM 5772-5 Antimicrobial to three parts of water and mix or shake well. Apply to surface using a trigger pump sprayer or pressure sprayer. Spray entire surface from 4-6 inches distance until completely covered. Allow to dry thoroughly before use. If spotting occurs, wipe with moist cloth or sponge.

GROUT AND CEMENT MIX ADDITIVE:

For use as a grout or cement additive and in concrete and concrete products (including wet cast, dry cast, and self-consolidating concrete (SCC) containing Ordinary Portland Cement (OPC), and/or Granulated Ground Blast-furnace Slag (GGBS) and/or silica fume and/or fly ash and which can be precast or formed-in-place), add AEM 5772-5 Antimicrobial directly to the dry mix during the grout, cement, or concrete preparation. Use 10 - 40 fluid ounces of AEM 5772-5 Antimicrobial per 50 pounds of dry mixture. For concrete applications, use 1 – 5 gallons of AEM5772-5 per cubic yard of concrete. Follow directions for grout or concrete, using AEM 5772-5 Antimicrobial as part of the added water. Addition of AEM 5772-5 Antimicrobial inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae on the surface of the cured grout and concrete.

FILTERS AND FILTER MATERIAL (Aquarium filters, vacuum cleaner filters and air):

Spray: Always apply only to clean surfaces. When treating filters, remove filter from unit. Dilute one part of the AEM 5772-5 Antimicrobial to three parts of water and mix or shake well. Apply to surface using a trigger pump sprayer or pressure sprayer. Spray entire surface from 4-6 inches distance until completely covered. Allow to dry thoroughly before use.

MASTER LABEL

OPTIONAL MARKETING LANGUAGE

AEM 5772-5 Antimicrobial is a fast, easy and affordable solution for treating surfaces against staining and discoloration caused by mold and mildew. It helps in the fight to clean and prevent mold and mildew on treated surfaces inside and outside of your home.

For use in Bathrooms

For use on Non-Food Contact Kitchen Surfaces

For use on Linens

For use on Draperies

For use on Fabrics

For use on Apparel

For use on Carpets

For use on Bedding

For use on Upholstery/Furniture

For use on Roofs

For use on Air Filter Materials

Prevents Mold and Mildew Stains and Odors on treated surfaces

Water-Based & Odor Free

Creates an invisible barrier that inhibits the growth of mold and mildew on treated surfaces

Creates an invisible barrier that inhibits the growth of odor-causing bacteria on treated surfaces

Protects indoors and out!

Spray on installed glazed tiles and wall paper, tubs, shower curtains, shower stalls, sinks, window sills, cabinets, garbage cans, appliances, and vanity tops weekly to replenish barrier.

Use on clothing, bedding, upholstery, and drapes.

Great for roofs. Reapply every 3 months, if needed.

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STORAGE AND DISPOSAL:

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

For household/residential use packages:

Storage and Disposal: 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. Nonrefillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

For industrial and commercial use packages:

STORAGE: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use.

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 $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application 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 $\frac{1}{4}$ 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 back and forth several times. Turn the container back 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.