AEM 5772 Antimicrobial
A SILANE QUATERNARY AMMONIUM SALTS
EPA Reg. No. 64881-1
EPA Est.
ACTIVE INGREDIENT: 3-dimethylalkyl dimethylolpropaneisooctyl ammonium chloride 72%
INERT INGREDIENTS: 28%
TOTAL INGREDIENTS: 100%
CONTAINS OVER 12% METHANOL
KEEP OUT OF REACH OF CHILDREN
DANGER! POISON

First Aid

Have product container or label with you when calling Poison Control Center or doctor; or for treatment advice.

If in eyes:
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing.
- Call a Poison Control Center or doctor for treatment advice.

If inhaled:
- Move person to fresh air.
- If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a Poison Control Center or doctor for treatment advice.

If on skin or clothing:
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a Poison Control Center or doctor immediately for treatment advice.

If swallowed:
- Call a Poison Control Center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a Poison Control Center or doctor.
- Do not give anything by mouth to an unconscious person.

Precautionary Statements

Hazards to humans and domestic animals.
DANGER CORROSIVE: CONTAINS 12% METHANOL, CAUSES IRREVERSIBLE EYE DAMAGE AND MAY CAUSE EXCITATION AND MENTAL STIMULATION IF INHALED. MAY CAUSE DIZZINESS, NAUSEA IF SWALLOWED OR ABSORBED THROUGH THE SKIN. DO NOT GET IN EYES, SKIN, OR ON CLOTHING. WEAR PROTECTIVE EYEWEAR, GLOVES, AND PROTECTIVE CLOTHING. DO NOT BREATHE VAPOR. WEAR A NIOSH APPROVED RESPIRATOR WITH ANY R, P, OR R FILTER. APPROPRIATE MEASURES SHOULD BE TAKEN TO PREVENT THE ACCUMULATION OF HAZARDOUS CONCENTRATIONS OF METHANOL VAPORS IN THE WORK AREA. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, USING TOBACCO, CHewing GUM OR THE LIKE. WASH AND REMOVE CONTAMINATED CLOTHING BEFORE USE.

Environmental Hazards:
- This pesticide is toxic to fish and aquatic invertebrates. 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,
- Every effort should be made to contain accidental spills of concentrate to the immediate area. This may be accomplished by use of sandbags or barrier material to confine the spill to facilitate cleanup and disposal. Contaminated sand or barrier material may then be disposed of by burial in an approved landfill. Many spills may be cleaned up with rag or other absorbent materials by wiping, soaking and/or mopping and allowing the liquid to absorb into the material. The absorbent material may then be disposed of by incineration or landfill. Floor drains in areas of material use should be protected with absorbent material or barrier material to contain accidental spills.

Instruction of solutions containing AEM 5772 Antimicrobial may be accomplished by addition of an aromo surfactant, or dispersant in quantity equal to that of AEM 5772 Antimicrobial in solution.

Physical or Chemical Hazards:
- Flammable, store away from heat and open flame.

Directions for Use:

Not a dilution of Federal Law to use this product in a manner consistent with its label.

For Industrial Use Only. This product is registered for formulation into Antimicrobial Products or as a microbicidal agent for material preservation.

- Antimicrobial product formulations containing AEM 5772 require approval by the US EPA for antimicrobial claims made. Formulations are responsible for satisfying registration requirements for their formulated products.
- For use as a microbicidal agent for material preservation, neither this product nor the articles treated with this product may state or imply any public health claim. Articles and substances treated with a microbicidal agent shall bear on the label a statement derived from FIFRA regulation 40 CFR 182.25(b) if the intended use for incorporating this material into a treated article or substance is for the protection of the treated article or substance. (This regulation would be applicable for products designed for long-term use on stationary articles or substances such as food contact materials.)

Approved Uses:
- AEM 5772 Antimicrobial is for incorporation or application in antimicrobial products formulated for use as a disinfectant in residential locations for non-food contact uses.
- Antimicrobial products formulated containing AEM 5772 Antimicrobial meet the requirements of the Federal Food, Drug, and Cosmetic Act.

Lot No.

Net Contents:

Sold By:
AEGIS ENVIRONMENTS
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Form TFR 052011

AEM 5772 Antimicrobial provides residual self-sanitizing activity against bacteria’s foot fugues (Thyphochrom mephagophyks) on treated surfaces. Durable for up to 10 repeated washings; prevents up to 99.9% of the growth of bacteria on treated items. HOW TO USE:

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 (909) 532-1500. A MATERIAL SAFETY DATA SHEET FOR A TYPICAL APPLICATION IS ALSO AVAILABLE.

Wear goggles or face shield, protective clothing, rubber gloves and respirator when handling the concentrated material. Use with proper ventilation. Unlabeled AEM 5772 Antimicrobial contains 12 percent methanol. Do not breathe vapors. Keep away from heat and open flame. Methanol is released during mixing, application and drying, if desired, methanol removal may be accelerated by heating dilt solution before treatment of substrate. Appropriate measures should be taken to prevent the accumulation of hazardous concentrations of methanol vapors in the work area.

AEM 5772 Antimicrobial is for application to organic and inorganic surfaces as a dilute aqueous solution to give 5.1 to 1.5 percent by weight of active ingredients. Aqueous solutions are prepared by simply adding the antimicrobial agent to water with stirring. NOTE: Prior agitation when adding this solution to water can result in local high concentrations, which may form gel particles. Surfaces are treated with the aqueous solution by brushing, spraying, dipping, soaking, spraying or loging until adequately wet, or applying by foaming techniques. After applying treatment, the surface is allowed to dry at temperatures from ambient to a maximum of 160°C (320°F) to effect complete curing or silanization and to remove water, solvents and/or traces of methanol from hydraulics. Curing of polymer is accelerated or inhibited by adjusting the temperature of the treated surface, conditions, such as time and temperature before use. Desired, replace AEM 5772 Antimicrobial if odor, staining and discoloration due to bacteria, mold or moisture result.

Incorporates AEM 5772 Antimicrobial directly into formulations used to make end-use products, or dilute with water or with organic solvents such as acetone, ketones, esters, hydrocarbons and chlorinated hydrocarbons and then apply it to the organic and inorganic surfaces to give 0.1 to 1.0 percent by weight of active ingredient.

Storage and Disposal:

On the concentrates water, food, feed or by storage and disposal.

1 lb. Packages:

Storage and Disposal

Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Moisture sensitive. Store tightly after each use. Shelf stored in original, unlabeled container at 25°C, AEM 5772 Antimicrobial has a shelf life of 12 months from date of shipment. Do not reuse container. Disposal in trash.

Pails and Drums:

STORAGE: Store in original, tightly closed container in an area inaccessible to children and away from food or feed. Moisture sensitive. Keep tightly closed until ready to use. Redistill tightly after each use. Pails must be dry before reuse. For disposal, place in a suitable, non-reactive container. Prior to disposal, store in a minimum shelf life of 12 months from date of shipment.

PESTICIDE DISPOSAL: Pesticide is usually hazardous to wildlife. Non-refillable containers must be detected or at hazardous waste treatment facility. Do not refill container to hold materials other than pesticides or dilute pesticides (inert). After emptying and cleaning, it may be allowable to temporarily hold unwarped containers in an approved container to be disposed of. Non-refillable container is not hazardous waste.

Non-refillable container is not hazardous waste.