

AERO® line of Sanitizers includes “no-rinse” quat-based, iodine, acid and sodium hypochlorite products for a wide variety of food service, food processing, medical and other applications.



# aero®

## Magic Germicide II

- **DISINFECTANT • MILDEWSTAT (on hard, nonporous, inanimate surfaces) • DEODORIZER**
- **FOOD CONTACT SURFACE SANITIZER**

An all purpose “dual-chain” quat for sanitizing food processing equipment in meat, poultry, dairy and other food plants. May also be used for sanitizing egg shells. Effective disinfectant against Salmonella, Staph, Pseudomonas, and Listeria in schools, hospitals, offices and other institutions.

### DIRECTIONS FOR USE

**DISINFECTION** - To disinfect inanimate, hard, non-porous, non-food contact surfaces apply this product with mop, cloth, sponge, low pressure coarse sprayer or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow treated surfaces to remain wet for 10 minutes, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

**GENERAL DISINFECTION** - Add 3.5 ounces of this product per 5 gallons (0.7 ounce per gallon) of water for disinfection on non-food contact surfaces against Staphylococcus aureus (ATCC 6538), Salmonella (choleraesuis) enterica (ATCC 10708), Listeria Monocytogenes (ATCC35152), Yersinia enterocolitica (ATCC 23715), Salmonella enterica (ATCC 10708).

**HOSPITAL DISINFECTION** - Add 3.5 ounces of this product per 5 gallons (0.7 ounce per gallon) of water for disinfection on non-food contact surfaces against Pseudomonas aeruginosa (ATCC 15442), Staphylococcus aureus (ATCC 6538).

**MILDEWSTAT** - To control mold and mildew (Aspergillus niger (ATCC 6275)) on pre-cleaned, hard, non-porous surfaces, add 2.15 ounces of this product per 5 gallons of water. Apply solution with a cloth, mop, sponge, hand pump trigger sprayer or low pressure coarse sprayer, making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears. This product is an effective mildewstat when dilute in water up to 400 ppm water hardness (as CaCO<sub>3</sub>).

**DEODORIZATION** - To deodorize, apply this product as indicated under the heading **GENERAL DISINFECTION**.

**GENERAL DEODORIZATION** - To deodorize, add 3 ounces of this product to 5 gallons of water (0.6 ounce per gallon) (469 ppm active quaternary). Apply with hand pump trigger sprayer or low pressure coarse sprayer. Wet all surfaces thoroughly. Let air dry.

**FOOD CONTACT SURFACE SANITIZATION** - This product is for use in restaurants, bars, dairies, food processing plants, breweries and wineries. When used as directed this product is an effective food contact surface sanitizer. Tests show that this product is an effective food contact surface sanitizer at 300 to 400 ppm active quaternary when diluted in water up to 650 ppm hardness (as CaCO<sub>3</sub>) against Staphylococcus aureus (ATCC 6538), Escherichia coli (E. coli) (ATCC 11229), Escherichia coli (E.coli) O157H7 (ATCC 43895), Salmonella (choleraesuis) enterica (ATCC 10708), Salmonella (typhi) enterica (ATCC 6539), Salmonella enteritidis (ATCC 13076), Listeria monocytogenes (ATCC 35152), Yersinia enterocolitica (ATCC 23715), Shigella dysenteriae (ATCC 12180), Shigella sonnei (ATCC 11060), Klebsiella pneumoniae (ATCC 4352), Vibrio cholerae (ATCC 14035), Aeromonas hydrophila (ATCC 19570), Enterobacter sakazakii (ATCC 29544), Campylobacter jejuni (ATCC 29428), Methicillin resistant Staphylococcus aureus (MRSA) (ATCC 33592), Vancomycin resistant Enterococcus faecium (VRE) (ATCC 51559).

### HIGHLIGHTS

- 10% Quat “no-rinse” sanitizer
- Egg shell sanitizer

### TYPICAL PROPERTIES

- Specific Gravity: 0.990
- pH: 8.0
- Quaternary Ammonium Chlorides: 10% min.
- **USE DILUTION:**  
Sanitization: 1.5 - 2 oz./4 gal.  
(300 - 400 ppm)  
General Disinfection: 3 ½ oz./5 gal.  
Hospital Disinfection: 3 ½ oz./5 gal.
- **ACTIVE INGREDIENTS:**  
Didecyl dimethyl ammonium chloride..... 6.0%  
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride..... 4.0%  
INERT INGREDIENTS..... 90.0%
- Appearance: Clear, colorless liquid
- Odor: Odorless

### SAFETY CAUTIONS

Keep Out of Reach of Children.  
Corrosive. Causes irreversible eye damage and skin burns. Harmful if absorbed through skin, swallowed or inhaled. Avoid breathing spray mist. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), rubber gloves and protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

Refer to SDS and product label for additional safety information and directions for use.

Distributed by: AERO Chemical Company / PO Box 16247, Atlanta, GA 30321-0247

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