

DEODORIZER DISINFECTANT VIRUCIDE SANITIZER

AP 1000

AP 1000 is designed for use in hotels, schools, and food processing plants where disinfection, sanitization and deodorization is of prime importance. When used as directed, **AP 1000** is formulated to disinfect hard, non-porous, inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets, tables, chairs, and telephones.

AP 1000 deodorizes those areas, which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, pet areas and any other areas, which are prone to odors caused by microorganisms.

AP 1000 is recommended for use as a sanitizer for food processing equipment at 200-400 ppm active quaternary without potable water rinse.

AP 1000 is recommended for Poultry Premise Disinfection (Hatcheries), Egg Receiving Areas, Egg Holding Areas, Setter Room, Tray Dumping Area, Trays, Buggies, Racks, Egg Flats, Chick Holding room, Poultry Buildings, Ceilings, Sidewalls and Floors, Drinkers, and all other Poultry House related Equipment, and all other hard, non-porous surfaces in the Hatchery Environment.

Sanitization: Recommended for use in food processing plants. This product is an effective sanitizer for food processing equipment, surfaces and utensils at an active quaternary concentration of 200-400 ppm against *Escherichia coli* (ATCC 11229), *Escherichia coli* O157:H7 (ATCC 43895), *Staphylococcus aureus* (ATCC 6538), *Yersinia enterocolitica* (ATCC 23715), *Listeria monocytogenes* (ATCC 35152), *Salmonella typhi* (ATCC 6539), *Shigella sonnei* (ATCC 11060), *Vibrio cholera* (ATCC 14035), Methicillin resistant *Staphylococcus aureus* (MRSA) (ATCC 33592), Vancomycin resistant *Enterococcus faecalis* (VRE) (ATCC 51299), *Campylobacter jejuni* (ATCC 29428).

When used for sanitization of previously cleaned food processing equipment and utensils, limit the active quaternary to a maximum of 400 ppm. **NO POTABLE WATER RINSE IS ALLOWED.** This product is an effective sanitizer when diluted in water up to 650 ppm hardness (CaCO_3).

AP 1000 Solution is an effective sanitizer when diluted in water up to 650 ppm hardness (CaCO_3).

Shoe bath sanitizer directions: To prevent tracking harmful organisms into animal areas, and the packaging and storage areas of food plants, shoe baths containing one inch of freshly made use-solution should be placed at all entrances to buildings, hatcheries and all entrances to the production and packaging rooms. Scrape waterproof shoes and place in a 0.25 ounce of **AP 1000** per gallon of water (or equivalent use dilution) (200 ppm active solution) for 60 seconds prior to entering area. Change use-solution in the bath daily or sooner if use-solution appears dirty.

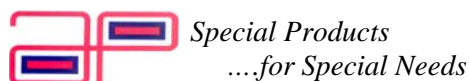
Shoe foam sanitizer directions: To prevent tracking harmful organisms into animal areas, and the packaging and storage areas of food plants, apply a foam layer approximately 0.5 to 2 inches thick made from a solution of 1 to 1.5 ounces per gallon of water (or equivalent use dilution) (800 to 1200 ppm active quaternary) at all entrances to buildings, hatcheries, production and packaging rooms by using a foam generating machine or aerator to apply foam layer.

DISINFECTION - **AP 1000** is effective against **Staphylococcus aureus**, **Salmonella choleraesuis**, **Listeria monocytogenes**, and **Yersinia enterocolitica** at a use dilution of 3 ounces **AP 1000** per 5 gallons of water.

May be used for disinfection of pre-cleaned **poultry equipment (brooders, watering founts, feeding equipment), animal quarters and kennels**, at a use dilution of 3.5 ounces of **AP 1000** per 5 gallons of water.

VIRUCIDAL ACTIVITY - **AP 1000** when used on environmental, inanimate hard surfaces at 3.5 ounces per 5 gallons of water exhibits effective virucidal activity against Influenza A₂/Japan (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters), Adenovirus Type 5 (causative agent of upper respiratory infections), Vaccinia Virus (representative of the pox virus group), Avian Influenza A/Turkey/Wisconsin (causative agent of an acute avian lower respiratory tract infection), Newcastle Disease Virus, Laryngotracheitis Virus, Bovine Viral Diarrhea Virus (BVDV) and Human Coronavirus (ATCC VR-740, Strain 229E).

DEODORIZATION - **AP 1000** deodorizes those areas which generally are hard to keep fresh smelling, such as garbage bins and cans and other areas which are prone to odors caused by microorganisms. To deodorize, apply at a use dilution of 3 ounces **AP 1000** per 5 gallons of



www.astroproductsinc.com

Astro Products, Inc. P.O. Box 964 Fitzgerald, GA 31750 800-637-7210 or 229-423-5409