

**8243.3**

# QS-10

## Disinfectant

### Disinfectant - Sanitizer - Fungicide - Virucide\*

with Organic Soil Tolerance for Institutional, Dairy, Food Handling and Process Areas, Restaurant Use and for Sanitizing Ice Machines

**ACTIVE INGREDIENTS:**

Alkyl (C <sub>14</sub> 60%, C <sub>16</sub> 30%, C <sub>12</sub> 5%, C <sub>18</sub> 5%) dimethyl benzyl ammonium chloride . . .	5.0%
Alkyl (C <sub>12</sub> 68%, C <sub>14</sub> 32%) dimethyl ethylbenzyl ammonium chloride . . . . .	5.0%
<b>INERT INGREDIENTS:</b> . . . . .	90.0%
<b>TOTAL:</b>	100.0%

**KEEP OUT OF REACH OF CHILDREN  
DANGER PELIGRO**

See side panel of label for additional precautionary statements.

**Net Contents:  
1 U.S. GALLON/3.78 LITERS**

# NviroMaster™

DISINFECTANTS FOR HARD NON-POROUS SURFACES

**First Aid:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **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 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 the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor 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. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin. Do not get into eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.  
Do not mix with oxidizers, anionic soaps and detergents.

### ENVIRONMENTAL HAZARD

This product is toxic to fish.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.  
**FOOD CONTACT AND EQUIPMENT SANITIZING DIRECTIONS**

Before use as a sanitizer in public eating places and dairies, food products and packaging materials must be removed from the room or carefully protected. Prior to application, remove gross food particles and soil by a pre-flush or pre-scrape and when necessary, presoak. Then thoroughly wash or flush objects with a good detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution.

**SANITIZING OF FOOD PROCESSING EQUIPMENT AND OTHER HARD NONPOROUS SURFACES IN FOOD PROCESSING LOCATIONS, MEAT PLANTS, BAKERIES, CANNERIES, BEVERAGE PLANTS, DAIRIES, RESTAURANTS AND BARS DIRECTIONS:** For sanitizing pre-cleaned food processing equipment, dairy equipment, food utensils, dishes, silverware, eating utensils, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard, non-porous food contact surfaces, apply use solution of 1-2 ounces of this product per 4 gallons of water (or equivalent use dilution) (200-400 ppm active) with a cloth, brush, sponge, mop, auto scrubber, mechanical spray device or by immersion, thoroughly wetting surfaces. For spray applications, spray 6 to 8 inches from surface. Do not breathe spray. Rub with brush, sponge, or cloth. Dishes, silverware, glasses, cooking utensils, eating utensils and other similar size food processing equipment can be sanitized by immersion in a 1-2 ounce per 4 gallons use solution of this product (or equivalent use dilution) (200-400 ppm active). Surfaces must remain wet for at least 60 seconds. Allow surfaces to air dry. **NO POTABLE WATER RINSE IS ALLOWED** after use as a sanitizer. Change cloth, sponge or towels frequently to avoid redeposition of soil. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty. The used sanitizing solution must not be reused for sanitizing, but can be reused for other purposes such as cleaning.

**FOR PUBLIC EATING PLACES, DAIRY PROCESSING EQUIPMENT AND FOOD PROCESSING EQUIPMENT AND UTENSILS:** Apply a use solution of 1-2 ounces of this product per 4 gallons of water (200-400 ppm) (or equivalent use dilution) to pre-cleaned, hard nonporous food contact surfaces, thoroughly wetting surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device or by immersion. For spray applications, spray 6 to 8 inches from surface. Do not breathe spray. Rub with brush, sponge, or cloth. From a Closed Loop Dilution Center, apply 200-400 ppm active solution to the surface to be sanitized. Surfaces must remain wet for at least 60 seconds. Allow surfaces to air dry. **NO POTABLE WATER RINSE IS ALLOWED** after use as a sanitizer. Change cloth, sponge or towels frequently to avoid redeposition of soil. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty. The used sanitizing solution must not be reused for sanitizing, but can be reused for other purposes such as cleaning.

**SANITIZING OF FOOD PROCESSING EQUIPMENT, ICE MACHINES AND OTHER HARD NON-POROUS SURFACES IN FOOD CONTACT LOCATIONS, DAIRIES, RESTAURANTS AND BARS DIRECTIONS:** For sanitizing food processing equipment, dairy equipment, refrigerated storage and display equipment and other hard, non-porous surfaces. Food contact surfaces must be thoroughly pre-flushed or pre-scraped and, when necessary, presoaked to remove gross food particles. 1. Turn off refrigeration. 2. Unit must be washed with a compatible detergent and rinsed with potable water before sanitizing. 3. Wash and rinse all surfaces thoroughly. 4. Apply a solution of 1-2 ounces of this product per 4 gallons of water (or equivalent use dilution) (200-400 ppm active) by mechanical spray device, direct pouring or by recirculating through the system. 5. Surfaces must remain wet for at least 60 seconds followed by complete draining. 6. Allow surfaces to air dry. 7. **NO POTABLE WATER RINSE IS ALLOWED** after use as a sanitizer. 8. Fresh solution must be used for each cleaning. 9. Return machine to service.

**BEVERAGE DISPENSING EQUIPMENT SANITIZER DIRECTIONS:** For sanitizing of hard non porous bottling or pre-mix dispensing equipment after cleaning thoroughly rinse equipment with cold or lukewarm potable water. Fill equipment with a solution of 1 to 2 ounces of this product per 4 gallons of water (or equivalent use dilution) (200 - 400 ppm active). Surfaces must remain wet for at least 60 seconds or until operations resume at which time the sanitizing solution must be drained from the system. To insure the removal of flavors during changeover between products, the system must be cleaned, rinsed and flushed with the sanitizing solution for at least 60 seconds. Allow surfaces to air dry. **NO POTABLE WATER RINSE IS ALLOWED** after use as a sanitizer. The used sanitizing solution must not be reused for sanitizing, but can be reused for other purposes such as cleaning.

**FOOD CONTACT SANITIZING PERFORMANCE:** At 1 ounce per 4 gallons of water (or equivalent use dilution) (200 ppm active), this product eliminates 99.999% of the following bacteria in 60 seconds in 500 ppm hard water calculated as CaCO<sub>3</sub>, according to the Germicidal and Detergent Sanitizing Action of Disinfectants test: Aeromonas

Manufactured for:



A Division of AFFLINK,

1400 Afflink Place, Tuscaloosa, AL 35406 • 800-241-5147

Item No.  
**1061**



hydrophila, Campylobacter jejuni, Clostridium perfringens, Enterobacter sakazakii, Escherichia coli, Enterococcus faecalis Vancomycin resistant, Escherichia coli O157:H7, Escherichia coli O111:H8, Listeria monocytogenes, Salmonella typhi, Shigella dysenteriae, Staphylococcus aureus, Streptococcus pyogenes, Yersinia enterocolitica.

Before using this product, food products and packaging materials must be removed from the room or carefully protected.

**PREPARATION OF DISINFECTING/VIRUCIDAL\*/FUNGICIDAL USE SOLUTION:** For heavily soiled areas, a preliminary cleaning is required. Add 4 ounces of this product per 5 gallons of water (or equivalent use dilution) (625 ppm active) to disinfect hard non-porous surfaces. Apply use solution using a brush, sponge, cloth, mop, auto scrubber, mechanical spray device or by immersion so as to thoroughly wet surfaces. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Treated surfaces must remain wet for 10 minutes. Allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Rinse all treated surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**FUNGICIDAL PERFORMANCE:** At 4 ounces per 5 gallons of water use level (or equivalent use dilution) (625 ppm active) and with a 10-minute contact time, this product is effective in the presence of 5% blood serum against the following on hard non-porous surfaces such as locker rooms, dressing rooms, shower and bath areas and exercise facilities: *Trichophyton mentagrophytes*-athlete's foot fungus/a cause of Ringworm, *Aspergillus niger*.

This product is not for use on Medical device surfaces.

**INSTITUTIONAL DISINFECTANT DIRECTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions):** For heavily soiled areas, a preliminary cleaning is required. For disinfecting hard, non-porous surfaces such as floors, walls, countertops, bathing areas, lavatories, tables, chairs, garbage pails, add 4 ounces of this product to 5 gallons of water (625 ppm active) (or equivalent use dilution) to disinfect hard, non-porous surfaces. Apply use solution to surfaces, thoroughly wetting surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device or by immersion. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Treated surfaces must remain wet for 10 minutes. Allow to air dry. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**DISINFECTANT PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES:** At 4 fluid ounces of this product per 5 gallons of water use level (or equivalent use dilution) (625 ppm active) and with a 10-minute contact time, this product is bactericidal according to the AOAC Use Dilution Test method on hard non-porous surfaces modified in the presence of 5% organic serum against: *Botrytis cinerea*, *Burkholderia cepacia*, *Campylobacter jejuni*, *Corynebacterium ammoniagenes*, *Community Associated Methicillin Resistant Staphylococcus aureus (CA MRSA)*, *Escherichia coli O157:H7*, *Enterococcus faecium Vancomycin Resistant*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Proteus mirabilis*, *Pseudomonas aeruginosa*, *Salmonella enterica*, *Salmonella typhi*, *Shigella sonnei*, *Staphylococcus aureus*, *Staphylococcus aureus Methicillin resistant*, *Yersinia enterocolitica*.

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**Disinfectant**

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EPA Est. No. 4313-TX-1

**\*VIRUCIDAL PERFORMANCE:** At 4 ounces of this product per 5 gallons of water use level (or equivalent use dilution) (625 ppm active), this product was evaluated with a 10-minute contact time in the presence of 5% serum and found to be effective against the following viruses on hard, non-porous surfaces: *Avian Influenza A Turkey/Wisconsin virus*, *Avian Influenza A H5N1 virus*, *Hepatitis B Virus*, *Hepatitis C Virus*, *Herpes Simplex Type 1 virus*, *Herpes Simplex Type 2 virus*, *HIV-1 w/ 2 minute contact time*, *Human Coronavirus*, *Infectious Bronchitis Virus*, *Influenza A2/Japan Virus*, *Influenza A H1N1 virus*, *Vaccinia virus*.

At 4 ounces of this product per 5 gallons of water (or equivalent use dilution) (625 ppm active) and in the presence of 5% organic load, this product was proven to be effective against Duck Hepatitis B Virus (HBV) and Bovine Viral Diarrhea Virus BVDV surrogate for human Hepatitis C virus with a contact time of 10 minutes.

**\*FOR DISINFECTING HARD, NON-POROUS SURFACES AGAINST AVIAN INFLUENZA A H5N1 VIRUS:** For use in hospitals, hotels, motels and schools, follow the INSTITUTIONAL DISINFECTANT DIRECTIONS.

**\*KILLS HIV, HCV AND HBV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of hard nonporous surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) associated with AIDS, Hepatitis C virus (HCV) and Hepatitis B virus (HBV).

**“SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HCV AND HBV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.”** **Personal Protection:** Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks and eye protection. **Cleaning Procedure:** Blood and other body fluids containing HIV-1, HBV and HCV must be thoroughly cleaned from hard nonporous surfaces and objects before application of the disinfectant. **Disposal of Infectious Materials:** Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal. **Contact Time:** For HIV, leave hard nonporous surfaces wet for two minutes with a 4-ounce of this product per 5 gallons of water (or equivalent use dilution) (625 ppm active) use solution. This contact time will not control other common types of viruses and bacteria. For HBV and HCV, leave hard nonporous surfaces wet for 10 minutes with a 4-ounce of this product per 5 gallons (or equivalent use dilution) (625 ppm active) use solution.

## STORAGE AND DISPOSAL

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

**CONTAINER DISPOSAL/PESTICIDE STORAGE:** Non-refillable container. Store only in original container. Do not reuse empty container. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap container and put in trash or offer for recycling if available. **RESIDUE REMOVAL INSTRUCTIONS:** Triple rinse container promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

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