

**G-5**

**Diversey**

**SANITIZER**



• Concentrated • Deodorizer • Contains no Phosphorous

**For Institutional and Industrial Use**

For Dairy, Food Handling and Processing Areas, and Institutional Kitchen Use

Formulated for Effective Farm, Poultry, and Swine Premise Sanitation

For use in federally inspected meat and poultry plants

An effective sanitizer for use on food contact surfaces

**ACTIVE INGREDIENTS:**

Octyl decyl dimethyl ammonium chloride .....	3.00%
Dioctyl dimethyl ammonium chloride .....	1.20%
Didecyl dimethyl ammonium chloride .....	1.80%
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride .....	4.00%
<b>OTHER INGREDIENTS</b> .....	<b>90.00%</b>
<b>TOTAL</b> .....	<b>100.00%</b>

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See side panel for Precautionary Statements.

**FIRST AID**

**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.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

**Emergency Phone Number:** 1-800-851-7145

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

This product will deodorize surfaces in garbage cans and garbage storage areas and other places where bacterial growth can cause malodors. This product meets Sanitizer Test standards for non-food contact surface sanitizers. At 200 ppm active, this product is an effective one-step sanitizer by eliminating 99.9% of Staphylococcus aureus and Klebsiella pneumoniae in 60 seconds. This product has been cleared under 40 CFR 180.940 (a) for use on food processing equipment, utensils, and other food-contact articles at a concentration of 150 – 400 ppm active.

Use this product in beverage plants, egg processing plants, food preparation areas, food storage areas, institutional kitchens, dairy farms, hog farms, poultry farms and turkey farms.

Use this product on coils and drain pans of air conditioning and refrigeration equipment and heat pumps. Follow the directions for sanitization of non-food contact surfaces.



This product is an effective sanitizer at 150 ppm active quat for use on food contact surfaces in 400 ppm hard water against: Escherichia coli, Staphylococcus aureus.

This product is an effective sanitizer at 200 ppm active quat for use on food contact surfaces in 500 ppm hard water against: Campylobacter jejuni, Staphylococcus aureus - Community Associated Methicillin-Resistant [CA-MRSA] [NRS384] [USA300], Staphylococcus aureus - Community Associated Methicillin-Resistant [CA-MRSA] [NRS123] [USA400], Escherichia coli, Escherichia coli O157:H7, Klebsiella pneumoniae, Listeria monocytogenes, Salmonella enterica, Shigella sonnei, Staphylococcus aureus, Staphylococcus aureus Methicillin-Resistant [MRSA], Yersinia enterocolitica, Vibrio cholerae.

This product is an effective sanitizer at 400 ppm active quat for use on food contact surfaces in 1000 ppm hard water against: Escherichia coli, Staphylococcus aureus.

As a Disinfectant this product is effective against Bacteria: Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella enterica. Is effective against Animal Viruses: Arkansas '99 (Infectious Bronchitis Virus), Avian Infectious Laryngotracheitis Virus, Avian Influenza Virus (Turkey/Wisconsin), Avian Influenza Virus (HSN1), Canine Distemper Virus, Feline Calicivirus, Marek's Disease Virus, Newcastle's Disease Virus, Pseudorabies Virus.

This product fulfills the criteria of Appendix F of the Grade "A" Pasteurized Milk Ordinances 2007 Recommendations of the U.S. Public Health Services in waters up to 500 ppm of hardness calculated as CaCO<sub>3</sub> when evaluated by the AOAC Germicidal and Detergent Sanitizer Method.

**DILUTION:**

Sanitizer: (1:256) ½ oz. per gallon of water [400 ppm active quat]

Sanitizer: (1:512) ¼ oz. per gallon of water [200 ppm active quat]

Sanitizer: (1:640) ¼ oz. per gallon of water [150 ppm active quat]

**DIRECTIONS FOR USE**

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

**TO SANITIZE FOOD CONTACT SURFACES, FOOD PROCESSING EQUIPMENT AND OTHER HARD SURFACES IN FOOD PROCESSING LOCATIONS, AND DAIRIES:**

For sanitizing hard non-porous surfaces of food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard nonporous surfaces.

Prior to application, remove gross food particles and soil by a pre-flush, or pre-scrape and, when necessary, pre-soak. 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.

Articles too large for immersing, apply a use-solution of 1 oz. of this product per 5 – 2 gallons of water (150 - 400 ppm active quat) or equivalent dilution to pre-cleaned hard surfaces thoroughly wetting surfaces with a cloth, mop, sponge, or coarse sprayer. Surfaces must remain wet for at least one minute followed by adequate draining and air drying. Do not rinse.

Immerse pre-cleaned glassware, dishes, silverware, cooking utensils and other similar size food processing equipment in a solution of 1 oz. of this product per 5 – 2 gallons of water (150 - 400 ppm active quat) or equivalent dilution for at least 60 seconds. Drain thoroughly and allow to air dry before reuse. Do not rinse.

Prepare fresh sanitizing solution daily or more often if the use solution becomes diluted or soiled. For mechanical applications, use-solution may not be reused for sanitizing applications but may be reused for other purposes such as cleaning.

Apply to sink tops, counter tops, refrigerated storage and display equipment and other stationary surfaces by cloth, sponge, brush or coarse spray.

**TO SANITIZE FOOD PROCESSING EQUIPMENT, UTENSILS, AND OTHER FOOD CONTACT ARTICLES REGULATED BY 40 CFR 180.940 (a):**

1. Scrape, flush, or presoak articles whether mobile or stationary to remove gross food particles and soil.
2. Thoroughly wash articles with an appropriate detergent or cleaner.
3. Rinse articles thoroughly with potable water.
4. Sanitize by immersing articles with a use-solution of 1 oz. of this product per 5 – 2 gallons of water (150 - 400 ppm active quat) for at least 60 seconds. Articles too large for immersing must be thoroughly wetted by rinsing, spraying, or swabbing.
5. Remove immersed items from solution to drain and then air dry. Non-immersed items must be allowed to air dry. Do not rinse.

**WISCONSIN STATE BOARD OF HEALTH DIRECTIONS FOR EATING ESTABLISHMENTS**

1. Scrape and pre-wash utensils and glasses whenever possible.
2. Wash with a good detergent or compatible cleaner.
3. Rinse with potable water.
4. Sanitize in a solution of 1-2 oz of this product per 4 gallons water (200-400 ppm active quat). Immerse all utensils for at least two minutes or for contact time specified by governing sanitary codes.
5. Place sanitized utensils on a rack or drain board to air-dry.
6. Prepare a fresh sanitizing solution at least daily or when visibly soiled or diluted.

NOTE: A clean potable water rinse following sanitization is not permitted under HFS 196, Appendix 7-204.11 of the Wisconsin Administrative Code (reference 40 CFR 180.940 (a)).

**TO SANITIZE BEVERAGE DISPENSING EQUIPMENT:**

1. Wash equipment with a compatible detergent and rinse with potable water prior to sanitizing.
2. Fill equipment with a solution of 1 oz. of this product per 5 – 2 gallons of water (150 - 400 ppm active quat) or equivalent dilution.
3. Allow solution to remain in equipment for at least 60 seconds.
4. Drain thoroughly and allow to air dry before reuse. Do not rinse.

Net Contents:

**5 U.S. Gal. / 18.9 L**

Product No.:

**3514066**

**TO SANITIZE EGG SHELLS INTENDED FOR FOOD:** To sanitize pre-cleaned food-grade eggs in shell egg and egg product processing plants, spray with a use-solution of 1 oz. of this product per 5 – 2 gallons of water (150 - 400 ppm active quat) or equivalent dilution. The solution must be equal to or warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product shall be subjected to a potable water rinse only if they are to be broken immediately for use in the manufacture of egg products. Eggs must be reasonably dry before casing or breaking. The solution must not be re-used for sanitizing eggs.

**Note:** Only clean, whole eggs can be sanitized. Dirty, cracked or punctured eggs cannot be sanitized.

**WATERPROOF GLOVE SANITIZING DIRECTIONS:** To prevent cross contamination into processing areas of food plants, waterproof gloves must be sanitized prior to entering or re-entering those areas. Remove gross contamination from gloves before sanitizing. Then place gloved hand in a use-solution of 1 oz. of this product per 5 – 2 gallons of water (150 - 400 ppm active quat) or equivalent dilution for sixty seconds. Change the solution in the bath at least daily or more often if the solution appears visibly diluted or soiled.

**SANITIZING – NON-POROUS GLOVED HANDS:** To prevent the cross contamination into animal areas and the packaging and storage areas of food plants, dip, soak or spray pre-washed (plastic, latex or other synthetic rubber) gloved hands so that there is enough sanitizing solution to cover the gloved area. Do not let sanitizing solution come in contact with exposed skin. Make up the sanitizing solution by adding 1 oz. of this product per 5 – 2 gallons of water (150 - 400 ppm active quat) or equivalent dilution. Dip, soak or spray in solution and allow gloved hands to remain wet for at least 60 seconds. No potable water rinse is allowed. Change the sanitizing solution in the bath at least daily or when solution appears dirty.

**ENTRYWAY SANITIZING SYSTEMS:** To prevent cross contamination from area to area, set the system to deliver 1 – 2 oz. per 2 gallons of water (400 – 800 ppm active) of sanitizing solution. The spray must cover the entire path of the doorway. Set the system so that a continuous wet blanket of sanitizer solution is delivered to the floor. Do not mix other foam additives to the sanitizing solution.

**CITRUS CANKER DISEASE CONTROL:** For prevention of Citrus Canker Disease through treatment of precleaned equipment. Effective against *Xanthomonas axonopodis* pv. citri (Citrus Canker Disease) at 2000 ppm active quat. Treatments can be applied to trucks, attached trailers and field harvesting equipment including cargo area, wheels, tires, undercarriage, hood, roof, fenders, and any other hard nonporous part of the equipment that can be taken into infested areas. Thoroughly clean all surfaces with soap and detergent and rinse with water. Then saturate surfaces with a 1:50 use-dilution (4¼ oz. of this product per 1¾ gallons of water or equivalent dilution) (2000 ppm active quat) for a period of 10 minutes. Allow to air dry. All surfaces that come in contact with food or crop must be rinsed with potable water before reuse. To prevent the spread of Citrus Canker Disease by this artificial means of transportation, treatments are made by trigger spraying, dipping or brushing. Clothing must be either rinsed or laundered before reuse. Footwear must be rinsed before reuse.

**TO SANITIZE NON-FOOD CONTACT SURFACES:** Add ¼ oz. of this product per gallon of water or equivalent dilution to sanitize precleaned hard, nonporous surfaces. Apply sanitizer use-solution with a cloth, mop, sponge, sprayer or by immersion, thoroughly wetting surfaces. For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from surface; rub with brush, sponge or cloth. Do not breathe spray. Note: For sprayer applications, cover or remove all food products. Treated surfaces must remain wet for 1 minute. Wipe dry with a sponge, mop or cloth or allow to air dry. Prepare fresh solution daily or more often if solution becomes visibly diluted, cloudy or soiled.

**POULTRY AND SWINE PREMISE DISINFECTION/VIRUCIDAL\* DIRECTIONS:** Remove all animals and feeds from premises, vehicles, and enclosures such as coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Use 3 oz. of this product per 5 gallons of water. Saturate surfaces with the disinfecting solution for 10 minutes. Immerse all halters, ropes and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings, cars, trucks, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent, and rinse with potable water before reuse.

**Hatcheries:** Use to treat hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Use 3 oz. per 5 gallons of water. Leave all treated surfaces wet for 10 minutes or more. Allow to air dry.

**Vehicles:** Clean all vehicles including mats, crates, cabs, and wheels with water and this product. Use 3 oz. per 5 gallons of water. Apply use solution to treat all vehicles. Leave treated surfaces wet for 10 minutes or more. Allow to air dry.

**FARM PREMISE DISINFECTION / VIRUCIDAL DIRECTIONS:** For cleaning and disinfecting hard nonporous surfaces: equipment used for feeding or watering animals, utensils, instruments, cages, kennels, stables, catteries pens, stalls and etc. Remove all animals and feeds from premises, animal transportation vehicles, crates, pens, stalls and etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all troughs, racks and feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 3 oz. of this product per 5 gallons of water or equivalent dilution for a period of 10 minutes. Wipe or allow to air dry. Immerse all animal handling and restraining equipment as well as forks, shovels, and scrapers used to remove litter and manure. Thoroughly scrub all treated surfaces, then rinse all surfaces that come in contact with food, including equipment used for feeding or watering, with potable water before reuse. Ventilate buildings, animal enclosures, vehicles and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

See reference sheet for a complete list of organisms and additional directions for use.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and redose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

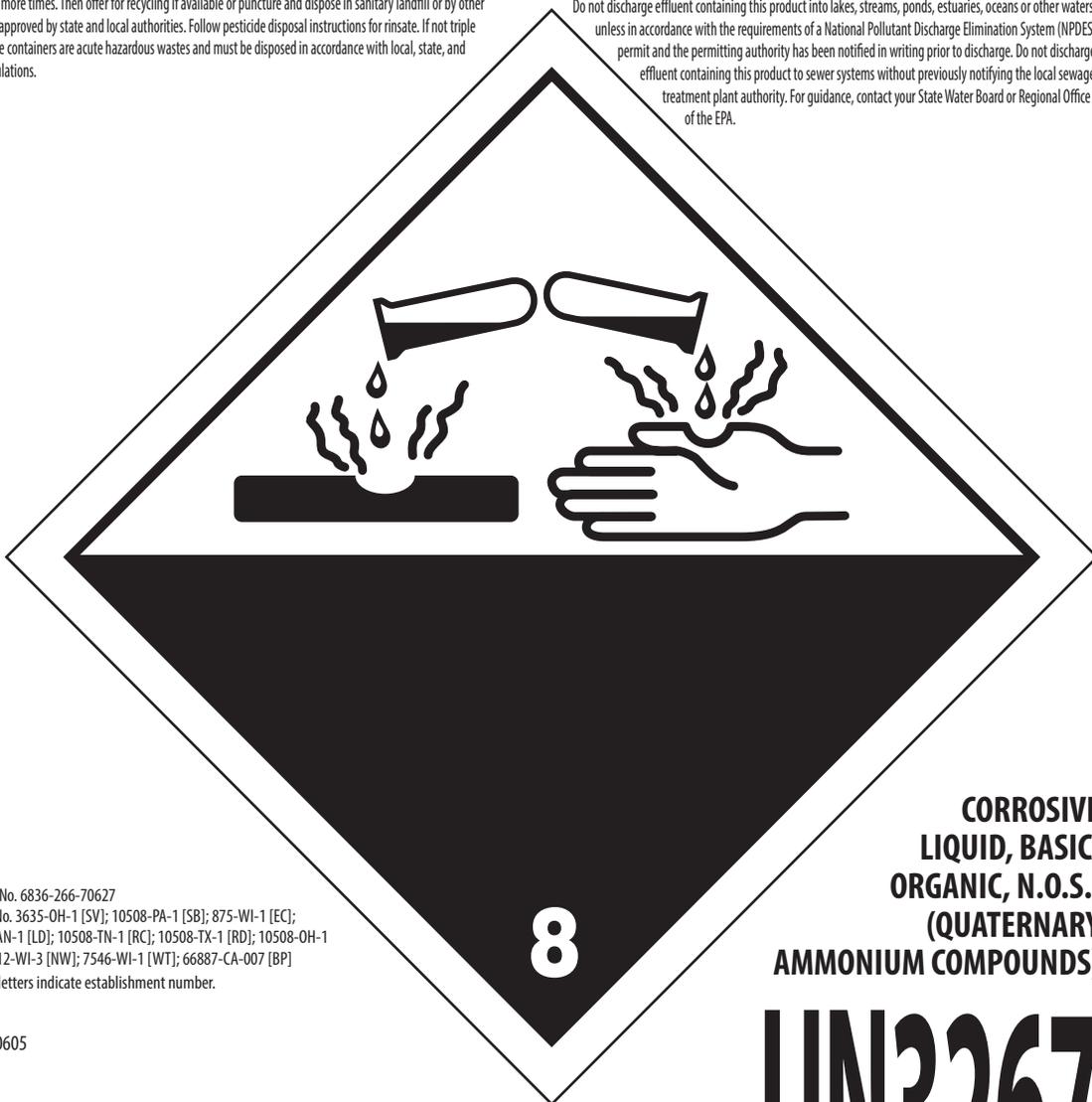
## PRECAUTIONARY STATEMENTS

### HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or absorbed through the skin. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber, chemical resistant) when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

### ENVIRONMENTAL HAZARDS

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.



**CORROSIVE  
LIQUID, BASIC,  
ORGANIC, N.O.S.,  
(QUATERNARY  
AMMONIUM COMPOUNDS)**

# UN3267

EPA Reg. No. 6836-266-70627

EPA Est. No. 3635-OH-1 [SV]; 10508-PA-1 [SB]; 875-WI-1 [EC];  
13938-CAN-1 [LD]; 10508-TN-1 [RC]; 10508-TX-1 [RD]; 10508-OH-1  
[RM]; 0312-WI-3 [NW]; 7546-WI-1 [WT]; 66887-CA-007 [BP]

Lot code letters indicate establishment number.

MS0800605



SKU #:

3514066

LOT #:

6036354 (16/069)

# G-5 Sanitizer

This product is Bactericidal according to the current AOAC Disinfectants Use-Dilution Method, Fungicidal according to the AOAC Fungicidal Test, and Virucidal\* according to the virucidal qualification, modified in the presence of 5% organic serum against:

Bacteria: *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella enterica*, *Brevibacterium ammoniagenes*, *Campylobacter jejuni*, *Escherichia coli*, *Escherichia coli* pathogenic strain 0157:H7, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Staphylococcus aureus* - Community Associated Methicillin-Resistant [CA-MRSA] [NRS384] [USA300], *Staphylococcus aureus* - Community Associated Methicillin-Resistant [CA-MRSA] [NRS123] [USA400], *Pseudomonas cepacia*, *Salmonella typhi*, *Yersinia enterocolitica*

Viruses: \*Adenovirus Type 5, \*Adenovirus Type 7, \*Herpes Simplex Virus Type 1, \*Herpes Simplex Virus Type 2, \*Influenza A2 / Hong Kong Virus, \*Norovirus - Feline Calicivirus, \*SARS Associated Human Coronavirus, \*Vaccinia Virus

Kills Pandemic 2009 H1N1 influenza A virus.

Fungi: *Aspergillus niger*, *Trichophyton mentagrophytes* [Athlete's Foot Fungus]

Is effective against:

Animal Viruses: Arkansas '99 (Infectious Bronchitis Virus), Avian Infectious Laryngotracheitis Virus, Avian Influenza Virus (Turkey/Wisconsin), Avian Influenza Virus (H5N1), Canine Distemper Virus, Feline Calicivirus, Marek's Disease Virus, Newcastle's Disease Virus, Pseudorabies Virus

## DILUTION:

Disinfection (1:213) 3 oz. per 5 gallons of water [450 ppm active quat]

## DIRECTIONS FOR USE

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

**DISINFECTION/VIRUCIDAL\*/FUNGICIDAL DIRECTIONS:** Add 3 oz. of this product per 5 gallons of water or equivalent dilution to disinfect hard, nonporous surfaces.

Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected.

When used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities, this product is an effective fungicide against *Trichophyton mentagrophytes* [the athlete's foot fungus].

Apply use-solution with a cloth, mop, sponge, sprayer or by immersion, thoroughly wetting surfaces.

For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from surface; rub with brush, sponge or cloth. Do not breathe spray.

Note: For spray applications, cover or remove all food products.

Treated surfaces must remain wet for 10 minutes. Wipe dry with a clean cloth, sponge or mop or allow to air dry.

Rinse food contact surfaces such as counter tops, tables, picnic tables, exteriors of appliances and / or stove tops with potable water prior to reuse. Do not use on glasses, dishes or utensils as a disinfectant.

For heavily soiled areas, a preliminary cleaning is required.

**BACTERICIDAL STABILITY OF USE-DILUTION:** Tests confirm that the use solution of this product when stored in a sealed container such as a spray bottle, remains effective for up to 5 months. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, properly labeled containers when diluting this product. Bactericidal stability of the use-dilution does not apply to open containers such as buckets or pails.

Read the label affixed to the container for this product before applying.

EPA Reg. No. 6836-266-70627

Sold by: Diversey, Inc., PO Box 19747, Charlotte, NC 28219-0747

# G-5 Sanitizer

This product is a phosphate free, germicidal detergent effective in the presence of a moderate amount of organic soil on hard nonporous surfaces found at mushroom farms. This product has been designed for use between mushroom crops. Areas of intended use include breezeways and track alleys before spawning, inside and outside walls of mushroom houses, lofts, floors, storage sheds and casing rings. Use of this product must be limited to areas where compost and mushrooms are not present.

## DIRECTIONS FOR USE

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

### TO SANITIZE ICE MACHINES:

1. Turn off refrigeration
2. Wash equipment with a compatible detergent and rinse with potable water prior to sanitizing.
3. Apply a solution of 1 oz. of this product per 2 – 5 gallons of water (150 - 400 ppm active quat) or equivalent dilution by mechanical spray, directly pouring, or by recirculating through the system.
4. Allow surfaces to remain wet or solution to remain in equipment for at least 60 seconds.
5. Drain thoroughly before reuse and allow to air dry.

**SHOE FOAM SANITIZER DIRECTIONS:** To prevent cross contamination into animal areas, and the packaging and storage areas of food plants. Apply a foam layer approximately 1/2 to 2 inches thick made from a solution of 5 to 7 ½ oz. of this product per 5 gallons of water or equivalent dilution (800 to 1200 ppm active), at all entrances to buildings, hatcheries, production and packaging rooms by using a foam generating machine or aerator to apply the foam layer. Follow the foaming directions as specified by the manufacturer of the foam generator or aerator. Scrape waterproof work boots/shoes. Stand or walk through foamed area for 60 seconds prior to entering area. Foam area must be washed and foam replaced at least daily or more often if the foam appears visibly diluted or soiled.

### MUSHROOM FARM PREMISE USE:

**Site Preparation:** The first step in any on-going sanitation program must be the removal of gross contamination and debris. This may be accomplished by using a shovel, broom, or vacuum, depending on the area to be disinfected.

**Cleaning and Disinfection:** For general cleaning and disinfection, use 3 oz. of this product per 5 gallons of water or equivalent dilution. Apply use solution with a cloth, mop, sponge, sprayer or by immersion to thoroughly wet the surfaces. Treated surfaces must remain wet for 10 minutes. Wipe or allow to air dry. For heavily soiled areas, preclean first. Prepare a fresh solution for each use or more often if solution becomes visibly diluted, clouded or soiled.

**For Heavy Duty Cleaning:** When greater cleaning is desired, use 6 oz. of this product per 5 gallons of water. Heavily soiled areas may require repeated cleaning before treatment.

**DO NOT APPLY THE USE-SOLUTION TO THE MUSHROOM CROP, COMPOST OR CASING.** Rinse treated surfaces with potable water before they contact the crop, compost or casing.

Read the label affixed to the container for this product before applying.

EPA Reg. No. 6836-266-70627

Sold by: Diversey, Inc., PO Box 19747, Charlotte, NC 28219-0747