This product is a phosphate-free formulation designed to provide effective cleaning, deodorizing and disinfection in areas where housekeeping is of prime importance in controlling the hazard of cross contamination on treated surfaces.
When used as directed, this product will deodorize surfaces in restroom and toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.
This product is an economical concentrate that can be used with a mop and bucket, trigger sprayers, sponge or by soaking.
This product is for use as a disinfectant on hard, nonporous surfaces (at 703 ppm active). A potable water rinse is required after application on food contact surfaces.
This product is a one-step disinfectant that is effective against a broad spectrum of bacteria, is virucidal* and inhibits the growth of mold and mildew and their odors when used as directed.
This product may be applied through foaming apparatus, low-pressure sprayers, and fogging systems. Follow manufacturers' instructions when using this equipment.
This product cleans, shines, deodorizes and disinfects all hard, non-porous surfaces listed on the label. It inhibits the growth of mold and mildew, leaving bathrooms and kitchens clean and fresh smelling.
Eliminates odors caused by bacteria, mildew, and non-fresh foods. Kills odor causing bacteria in the kitchen and bathroom.
Hospital Use Disinfectant. Institutional Disinfectant
GRENADIER PLUS for use in:

• Veterinary clinics, animal life science laboratories, animal laboratories, animal research centers, animal quarantine areas, animal breeding facilities, animal grooming areas, animal holding areas, kennels, dog/cat animal kennels, breeding and grooming establishments, pet animal quarters, zoos, pet shops, tack shops, operating rooms, washing areas, waiting rooms, examination rooms, and other animal care facilities.	• Patient care rooms and facilities, recovery rooms, anesthesia, Emergency Rooms, X-ray CAT labs, newborn nurseries, neonatal units, orthopedics, whirlpool surfaces, respiratory therapy, surgi-centers, labs, blood collection rooms, central supply, housekeeping & janitorial rooms, and ophthalmic/optometric facilities.	• Supermarkets, convenience stores, retail and wholesale establishments, department stores, shopping malls, gift shops, video stores, bookstores, dressing rooms and laundries, photocopy centers, bicycle shops, auto repair centers.
• Day care centers and nurseries, sick rooms, elder care centers, baby cribs, kindergartens, and preschools.	• Computer manufacturing sites, toy factories.	• Public restrooms, public facilities, waysides, travel rest areas, shower rooms, bathrooms, shower and bath areas.
• Police stations, courthouses, correctional facilities, jails, prisons, municipal government buildings, penitentiaries, correctional institutions, bus stations, train stations.	• Food establishments, coffee shops, donut shops, bagel stores, pizza stores, liquor stores.	• Restaurants, bars, cafeterias, institutional kitchens, fast food operations and food storage areas.
• Hospitals, nursing homes, medical and dental offices and clinics, healthcare facilities, physician offices, operating rooms, isolation wards, hospices, and medical research facilities.	• Institutions, schools and colleges, commercial and industrial institutions, churches, classrooms, community colleges, universities, athletic facilities and locker rooms, exercise rooms, exercise facilities, exercise equipment, gyms, gymnasiums, fieldhouses.	• Food processing plants, USDA inspected food-processing facilities, food storage areas, dairy farms, meat/poultry processing plants, meat/poultry producing establishments, canneries, caterers, bakeries.
• Institutional facilities, laboratories, factories, business and office buildings, restrooms, hotels and motels, and transportation terminals.	• Crime scenes and funeral homes, mortuaries, burial vaults, mausoleums, autopsy rooms, cadaver processing areas.	• Cruise lines, cruise ships, airline terminals, airports, shipping terminals, public transportation, transportation terminals.

This product may be used on washable hard nonporous surfaces such as:

• Countertops, stovetops, sinks bathroom/kitchen, tub surfaces, and exterior surfaces of Slurpee® machines, appliances, refrigerators, and ice machines.	• Shower doors and curtains, glazed tiles, chrome plated intakes, toilet seats, empty diaper pails, portable and chemical toilets and latrine buckets, glazed porcelain, glazed tile and restroom fixtures, bathroom fixtures.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.
PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Store in a dry place no lower in temperature than 50°F or higher than 120°F. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.
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.
Nonrefillable container. Do not reuse this container to hold materials other than this product. Then offer for recycling, reconditioning, or dispose in a sanitary landfill.
RESIDUE REMOVAL INSTRUCTIONS: (*For containers less than 5 gallons)*
Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and recap. Shake 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times.
RESIDUE REMOVAL INSTRUCTIONS: *(For containers greater than 5 gallons)*
Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container ¼ full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times.
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER. KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin. 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, or using tobacco. Remove contaminated clothing and wash clothing before reuse.
ENVIRONMENTAL HAZARD 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.
PHYSICAL OR CHEMICAL HAZARDS
Do not use or store near heat or open flame.
Do not mix with oxidizers, anionic soaps and detergents.

CHECKMARK™

SPECIMEN

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Apply this product with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surfaces must be sprayed until thoroughly wetted. Treated surfaces must remain wet for 10 minutes. For sprayer applications, use a coarse pump or trigger sprayer. Spray 6-8 inches from surface. Rub with brush, sponge or cloth. Do not breathe spray.
NOTE: With spray applications, cover or remove all food products. Prepare a fresh solution at least daily or when use solution becomes visibly dirty. For heavily soiled areas, a preliminary cleaning is required.

DISINFECTION PERFORMANCE IN INSTITUTIONS (HOSPITALS, DENTAL OFFICES, NURSING HOMES AND OTHER HEALTH CARE INSTITUTIONS) AND NON-MEDICAL FACILITIES (SCHOOLS, RESTAURANTS, FOOD SERVICES, BEVERAGE AND FOOD PROCESSING PLANTS AND OTHER NON-MEDICAL FACILITIES): At 2 ounces of this product to one gallon of water (703 ppm active quat) use level, this product is bactericidal according to the AOAC Use Dilution Test method on hard inanimate surfaces modified in the presence of 5% organic serum with a 10-minute contact time against:

Campylobacter jejuni	*Salmonella enterica*
Corynebacterium ammoniagenes	*Salmonella schottmuelleri*
Enterobacter aerogenes	*Salmonella typhi*
Enterococcus faecalis	*Shigella dysenteriae*
Escherichia coli	*Staphylococcus aureus*
Klebsiella pneumoniae	*Staphylococcus aureus (Methicillin resistant)*
Listeria monocytogenes	*Pseudomonas aeruginosa*
Streptococcus salivarius	

***VIRUCIDAL PERFORMANCE:** At 2 ounces per gallon use level (703 ppm active quat), this product was evaluated in the presence of 5% serum with a 10 minute contact time and found to be effective against the following viruses on hard, nonporous environmental surfaces:

Avian influenza A H5N1 Virus	Hepatitis C Virus (HCV)
Avian influenza A H9N2/Turkey/Wisconsin Virus	Norovirus (Feline Calicivirus)
Influenza A/Japan Virus	Human Coronavirus
Herpes Simplex Type 1	

At 2 ounces per one gallon in the presence of 5% blood serum for a two-minute contact time this product was found to be effective against:
HIV-1 (AIDS Virus)

NON-FOOD CONTACT SANITIZING PERFORMANCE: Add 2 ounces of this product to 1 gallon of water (or equivalent use dilution) (703 ppm active) to sanitize hard, non-porous surfaces. At 703 ppm active, this product is an effective one-step sanitizer against:
Staphylococcus aureus
Klebsiella pneumoniae

FUNGICIDAL PERFORMANCE: At 2 ounces per one gallon use-level (or equivalent use dilution) (703 ppm active quat), this product is effective against:
Aspergillus niger
Trichophyton mentagrophytes (athlete's foot fungus) (a cause of Ringworm)

DISINFECTION/FUNGICIDAL/*VIRUCIDAL DIRECTIONS: Use at a rate of 2 ounces per gallon (or equivalent use dilution) (703 ppm active quat). Allow surfaces to remain wet for 10 minutes. Apply use solution to hard inanimate, non-porous surfaces thoroughly wetting surfaces as required, with a cloth, mop, sponge or sprayer. For heavily soiled areas, a preliminary cleaning is required. For sprayer applications use a coarse spray device. Spray 6-8 inches from surface. Rub with brush, sponge or cloth. Do not breathe spray.

CLEANING AND DISINFECTION: For heavily soiled areas, a precleaning step is required. For one step cleaning and disinfecting, use 2 ounces per one gallon of water (or equivalent use dilution) (703 ppm active quat). Apply this product using a cloth, mop, or pressure sprayer as to thoroughly wet surfaces to be disinfected/cleaned. For sprayer applications, use a coarse spray device. Allow surfaces to remain wet for 10 minutes then air dry. Prepare a fresh solution at least daily or when solution becomes visibly dirty or diluted.
Note: All food contact surfaces such as appliances and kitchen countertops must be rinsed with potable water. Do not use this product to clean or disinfect glassware, utensils, dishes or interior surfaces of appliances.

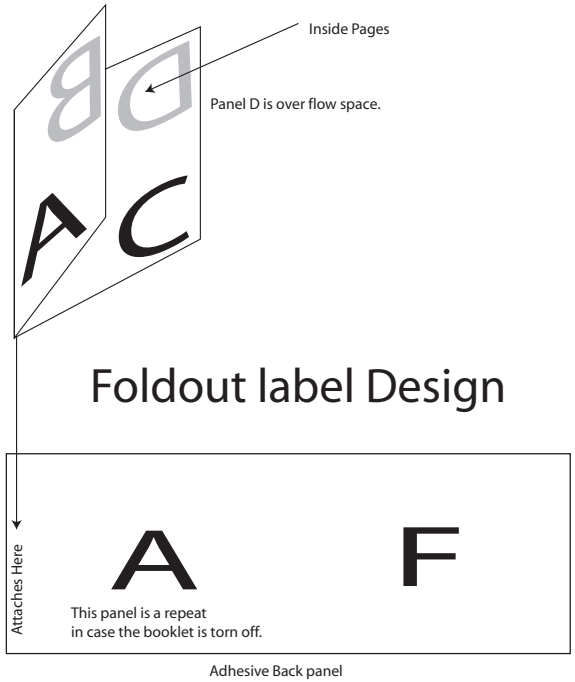
For Disinfecting Hard, Non-Porous Surfaces Against Avian Influenza A Virus: For use in hospitals, hotels, motels, schools, the directions for use for Hospital Disinfection must be followed using a rate of 2 oz per gallon of water. For use in animal housing facilities, follow the Animal Premise directions.

DISINFECTION, FUNGICIDAL, AND NON-ANIMAL VIRUCIDAL DILUTION CHART

Ounces of Product	**Amount of Water**
½ ounce	1 quart
1 ounce	½ gallon
2.0 ounces	1 gallon
5.0 ounces	2½ gallons
10.0 ounces	5 gallons
20.0 ounces	10 gallons

HOSPITAL/HEALTH CARE
This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

Hospitals, Dental Offices, Nursing Homes, and other Health Care Institutions: For disinfecting floors, walls, countertops, bathing areas, lavatories, bed frames, tables, chairs, garbage pails, and other hard, non-porous surfaces. Add 2 ounces of this product to one gallon of water (or equivalent use dilution) (703 ppm active quat). Treated surfaces must remain wet for 10 minutes.



At 2 ounces per one gallon (or equivalent use dilution) (703 ppm active quat) 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 [HCV]) with a contact time of 10 minutes.
At 2 ounces per one gallon (or equivalent use dilution) (703 ppm active quat) in the presence of 5% organic load this product was proven to be effective against Feline Calicivirus (surrogate for Norwalk virus) with a contact time of 10 minutes.
At 2 ounces per one gallon in the presence of 5% blood serum for a two-minute contact time this product was found to be effective against HIV-1 (AIDS Virus).

***KILLS HIV, HCV and HBV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care setting or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with 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 I (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

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 coverings.

Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from 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: Leave surfaces wet for two minutes for HIV and ten minutes for HBV and HCV with 2 ounces per gallon (or equivalent use dilution) (703 ppm active quat) use solution. This 2 minute contact time will not control other common types of viruses and bacteria.

Ultrasonic Bath Disinfectant/Fungicidal Directions: Use this product to disinfect hard non-porous, non-critical objects compatible with Ultrasonic cleaning units. Pour fresh solution of 2 ounces per gallon of water (or equivalent use dilution) (703 ppm active quat) directly into bath chamber. Preclean soiled objects. Place objects into unit and operate for a minimum of 10 minutes, according to manufacturers' use directions. Remove objects and rinse with sterile water or allow to air dry. Replace solution at least daily or when solution becomes visibly dirty or discolored.

Disinfection of Hard Non-Porous Surfaces in Whirlpool Units: After using the whirlpool unit, drain and refill with fresh water to just cover the intake valve. Add 2 ounces of this product for each gallon (or equivalent use dilution) (703 ppm active quat) of water at this point. Briefly start the pump to circulate the solution. Turn off the pump. Wash down the unit sides, seat of the chair, lift and any/all related equipment with a clean swab, brush or sponge. Treated surfaces must remain wet for 10 minutes. After the unit has been thoroughly disinfected, drain the solution from the unit and rinse any/all cleaned surfaces with fresh water. Repeat for heavily soiled units.

FUNGICIDAL/DEODORIZATION/MOLD & MILDEW

Fungicidal Performance: At 2 ounces per gallon use-level (or equivalent use dilution) (703 ppm active quat) this product is effective against *Trichophyton mentagrophytes* (athlete's foot fungus) (a cause of Ringworm) and *Aspergillus niger* on inanimate surfaces in the presence of 5% blood serum in locker rooms, dressing rooms, shower and bath areas and exercise facilities. Saturate surfaces with use solution for a period of 10 minutes. Allow solution to dry on surface and repeat treatment every seven days or when new growth appears.

Mold and Mildew Control: At 2 ounces per gallon (or equivalent use dilution) (703 ppm active quat) this product will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard non-porous surfaces as indicated in general instructions above. Saturate surfaces with use solution for a period of 10 minutes. Allow solution to dry on surface and repeat treatment every seven days or when new growth appears.

Cleaning/Deodorizing Directions: Add 1- 4 ounces per gallon (8-32 milliliters per liter) of water to clean and deodorize windows, mirrors and glass surfaces. Use a coarse spray device. Spray 6-8 inches from surface. Rub with sponge or cloth. Do not breathe spray.

General Deodorization: To deodorize, add 2 ounces of this product to one gallon of water (or equivalent use dilution) (703 ppm active quat). Allow to air dry.

For Deodorizing Garbage Cans, Garbage Trucks, Industrial Waste Receptacles and Garbage Handling Equipment: It is especially important to preclean for the product to perform properly. Then, apply a wetting concentration of 7 ounces of this product per gallon of water (or equivalent use dilution) (2,460 ppm quat active). Treated surfaces must remain wet for 10 minutes.

FOOD PROCESSING PREMISES

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

Directions for Food Processing Plants: For use on non-food contact surfaces such as floors, walls, tables, garbage cans and disposal areas. Before using this product, food products and packaging materials must be removed from the room or carefully protected. Follow Disinfection directions.

Directions for Food Storage Areas: For use on non-food contact surfaces such as shelves, floors, walls and tables. Before using this product, food products and packaging materials must be removed from the room or carefully protected. Then follow Disinfection directions.

For Use as a Cleaner/Disinfectant in Food Processing Plants

1. Before using this product in food processing areas, food products and packaging materials must be removed from the room or carefully protected.
2. Apply use solution evenly over surface using a cloth, mop, sponge or coarse spray device. Be sure to wet all surfaces thoroughly. Do not breathe spray.
3. Allow product to remain on surface for 10 minutes.
4. Wipe with clean cloth, sponge or paper towel.
5. For heavily soiled areas, thoroughly clean surface prior to disinfecting.
6. When disinfecting food contact surfaces used for food preparation, rinse surfaces thoroughly with potable water. This product must not be used to clean the following surfaces: utensils, glassware, dishes or interior surfaces of processing equipment.

To disinfect food-processing and tobacco premises: Before using this product, food products and packaging materials must be removed from area or carefully protected. For use on floors, walls and storage areas, add 2 ounces of this product to one gallon of water (or equivalent use dilution) (703 ppm active quat). For heavily soiled areas, a pre-cleaning step is required. Apply solution with a mop, cloth, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. For sprayer applications use a coarse spray device. Allow surface to remain wet for 10 minutes. Then remove excess liquid. After use, all surfaces in the area must be thoroughly rinsed with potable water.

To disinfect food service establishment food contact surfaces: For countertops, exterior surfaces of appliances, and tables. Before using this product, food products and packaging materials must be removed from area or carefully protected. Add 2 ounces of this product to one gallon of water (or equivalent use dilution) (703 ppm active quat). For heavily soiled areas, a pre-cleaning step is required. Apply solution with a mop, cloth, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. For sprayer applications use a coarse spray device. Allow surface to remain wet for 10 minutes. Then remove excess liquid and rinse the surface with potable water. After use, all surfaces in the area must be thoroughly rinsed with potable water.

Directions for Fogging for Use in Dairies, Beverage and Food Processing Plants: Prior to fogging, food products and packaging material must be removed from the room or carefully protected. After cleaning, fog desired areas using one quart per 1000 cubic feet of room area with a product solution containing 3.5 ounces product to 1 gallon of water (or equivalent use dilution) (1,230 ppm). Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Vacate the area of all personnel during fogging and for a minimum of 2 hours after fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. All food contact surfaces must be sanitized with an EPA approved food contact sanitizer solution of 200-400 ppm active quaternary prior to use. Allow food contact surfaces to drain thoroughly before operations are resumed.

NOTE: The fog generated is irritating to the eyes, skin and mucous membranes. Under no circumstances must a room or building be entered by anyone within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building must be entered, then the individuals entering the building must wear a self-contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTING OF ROOM AND MACHINE SURFACES.

SANITIZER DIRECTIONS FOR NON-FOOD CONTACT SURFACES in FOOD PROCESSING FACILITIES

SHOE BATH SANITIZER DIRECTIONS: To prevent cross contamination from area to area in animal areas, and the packaging and storage areas of food plants, shoe baths containing one inch of freshly made sanitizing solution must be placed at all entrances to buildings, hatcheries and at all the entrances to the production and packaging rooms. Scrape waterproof shoes and place in 2 ounces of this product per gallon (or equivalent use dilution) (703 ppm active quat) of water solution for 60 seconds prior to entering area. Change the sanitizing solution in the bath at least daily or sooner if solution appears dirty.

ANIMAL PREMISES

Animal *Virucidal Performance: At 2 ounces per gallon of water use level (703 ppm active quat) (or equivalent use dilution), this product was evaluated in the presence of 5% serum with a 10 minute contact time and found to be effective against the following viruses on hard, nonporous environmental surfaces:

Avian Influenza A H5N1 Virus
Avian Influenza A H9N2/Turkey/Wisconsin Virus
Avian Reovirus
Bovine Viral Diarrhea Virus
Canine Distemper Virus
Canine Coronavirus
Equine Arteritis Virus
Infectious Avian Laryngotracheitis Virus
Infectious Bovine Rhinotracheitis Virus (IBR)
Infectious Bronchitis Virus
Newcastle disease Virus
Porcine Respiratory & Reproductive Virus (PRRSV)
Porcine Rotavirus
Pseudorabies Virus
Transmissible Gastroenteritis Virus (TGE)
Vaccinia Virus

Veterinary Clinics/Animal Life Science Laboratory/Animal Care Facilities/Animal Research Centers/Animal Quarantine Areas/Zoos/Pet Shop/Kennels/ Animal Breeding Facilities/Animal Husbandry/Breeding and grooming Establishments/Tack Shops Disinfection Directions: For cleaning and disinfecting the following hard nonporous surfaces: Equipment, utensils, instruments, cages, kennels, stables, stalls and catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of the disinfecting and virucidal solution, 2 ounces per gallon of water (or equivalent dilution) for a period of 10 minutes. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels, scrapers, used in removing litter and manure. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers and other equipment which dispenses food or water with soap or detergent, and rinse with potable water before reuse.

POULTRY PREMISE SANITATION SITE PREPARATION

Site Preparation: The first step in any on-going sanitation program must be the removal of gross contamination and debris. This may be accomplished using a shovel, broom, or vacuum depending on the area to be disinfected. The efficacy of even the most efficient germicidal cleaner is reduced in the presence of heavy organic matter. Once the heavy debris is eliminated thoroughly clean all surfaces with soap or detergent and rinse with water.

Application and Use Dilution Poultry/Turkey Premise, Animal Quarters and Kennels: Remove all animals and feeds from premises, vehicles (trucks and cars) and enclosures (coops, crates, kennels). Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and other 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 the disinfecting or virucidal solution, 2 ounces per gallon of water (or equivalent dilution). Saturate surfaces with the disinfecting solution for a period of 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. After application, ventilate buildings, coops and other closed spaces. Do not house poultry or other animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers, and other equipment which may contact food or water with soap or detergent, and rinse with potable water before reuse.

For medical or environmental emergencies, call CHEMTREC® at 1-800-424-9300.

Not for Resale

MADE IN THE U.S.A.

0909CMBA

1M001

This product is a phosphate-free formulation designed to provide effective cleaning, deodorizing and disinfection in areas where housekeeping is of prime importance in controlling the hazard of cross contamination on treated surfaces.
When used as directed, this product will deodorize surfaces in restroom and toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors.
This product is an economical concentrate that can be used with a mop and bucket, trigger sprayers, sponge or by soaking.
This product is for use as a disinfectant on hard, nonporous surfaces (at 703 ppm active). A potable water rinse is required after application on food contact surfaces.
This product is a one-step disinfectant that is effective against a broad spectrum of bacteria, is virucidal* and inhibits the growth of mold and mildew and their odors when used as directed.
This product may be applied through foaming apparatus, low-pressure sprayers, and fogging systems. Follow manufacturers' instructions when using this equipment.
This product cleans, shines, deodorizes and disinfects all hard, non-porous surfaces listed on the label. It inhibits the growth of mold and mildew, leaving bathrooms and kitchens clean and fresh smelling.
Eliminates odors caused by bacteria, mildew, and non-fresh foods. Kills odor causing bacteria in the kitchen and bathroom.
Hospital Use Disinfectant. Institutional Disinfectant
GRENADIER PLUS for use in:

• Veterinary clinics, animal life science laboratories, animal laboratories, animal research centers, animal quarantine areas, animal breeding facilities, animal grooming areas, animal holding areas, kennels, dog/cat animal kennels, breeding and grooming establishments, pet animal quarters, zoos, pet shops, tack shops, operating rooms, washing areas, waiting rooms, examination rooms, and other animal care facilities.	• Patient care rooms and facilities, recovery rooms, anesthesia, Emergency Rooms, X-ray CAT labs, newborn nurseries, neonatal units, orthopedics, whirlpool surfaces, respiratory therapy, surgi-centers, labs, blood collection rooms, central supply, housekeeping & janitorial rooms, and ophthalmic/optometric facilities.	• Supermarkets, convenience stores, retail and wholesale establishments, department stores, shopping malls, gift shops, video stores, bookstores, dressing rooms and laundries, photocopy centers, bicycle shops, auto repair centers.
• Day care centers and nurseries, sick rooms, elder care centers, baby cribs, kindergartens, and preschools.	• Computer manufacturing sites, toy factories.	• Public restrooms, public facilities, waysides, travel rest areas, shower rooms, bathrooms, shower and bath areas.
• Police stations, courthouses, correctional facilities, jails, prisons, municipal government buildings, penitentiaries, correctional institutions, bus stations, train stations.	• Food establishments, coffee shops, donut shops, bagel stores, pizza stores, liquor stores.	• Restaurants, bars, cafeterias, institutional kitchens, fast food operations and food storage areas.
• Hospitals, nursing homes, medical and dental offices and clinics, healthcare facilities, physician offices, operating rooms, isolation wards, hospices, and medical research facilities.	• Institutions, schools and colleges, commercial and industrial institutions, churches, classrooms, community colleges, universities, athletic facilities and locker rooms, exercise rooms, exercise facilities, exercise equipment, gyms, gymnasiums, fieldhouses.	• Food processing plants, USDA inspected food-processing facilities, food storage areas, dairy farms, meat/poultry processing plants, meat/poultry producing establishments, canneries, caterers, bakeries.
• Institutional facilities, laboratories, factories, business and office buildings, restrooms, hotels and motels, and transportation terminals.	• Crime scenes and funeral homes, mortuaries, burial vaults, mausoleums, autopsy rooms, cadaver processing areas.	• Cruise lines, cruise ships, airline terminals, airports, shipping terminals, public transportation, transportation terminals.

This product may be used on washable hard nonporous surfaces such as:

• Countertops, stovetops, sinks bathroom/kitchen, tub surfaces, and exterior surfaces of Slurpee® machines, appliances, refrigerators, and ice machines.	• Shower doors and curtains, glazed tiles, chrome plated intakes, toilet seats, empty diaper pails, portable and chemical toilets and latrine buckets, glazed porcelain, glazed tile and restroom fixtures, bathroom fixtures.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.
PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. Store in a dry place no lower in temperature than 50°F or higher than 120°F. Do not reuse empty container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.
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.
Nonrefillable container. Do not reuse this container to hold materials other than this product. Then offer for recycling, reconditioning, or dispose in a sanitary landfill.
RESIDUE REMOVAL INSTRUCTIONS: (*For containers less than 5 gallons)*
Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and recap. Shake 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times.
RESIDUE REMOVAL INSTRUCTIONS: *(For containers greater than 5 gallons)*
Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container ¼ full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times.
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER. KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin. 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, or using tobacco. Remove contaminated clothing and wash clothing before reuse.
ENVIRONMENTAL HAZARD 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.
PHYSICAL OR CHEMICAL HAZARDS
Do not use or store near heat or open flame.
Do not mix with oxidizers, anionic soaps and detergents.

GRENADIER™ PLUS

CLEANER - DISINFECTANT - DEODORIZER - FUNGICIDE

TO REORDER, Call TOLL-FREE:
1-800-527-9919
FAX: 1-972-438-0634

ACTIVE INGREDIENTS
Alkyl (C_{14} 60%, C_{16} 30%, C_{12} 5%, C_{18} 5%)
dimethyl benzyl ammonium chloride.....2.25%
Alkyl (C_{12} 68%, C_{14} 32%)
dimethyl ethylbenzyl ammonium chloride.....2.25%
INERT INGREDIENTS 95.50%
TOTAL.....100.00%
EPA Reg. No. 10324-93-66114

Packed for
CHECK-MARK™
A Division of DM Resources, Inc.
1310 E. Northgate Drive
Irving, TX 75062
©2010 DM Resources, Inc.

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

See left panel for additional precautionary statements.

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.	

See the Material Safety Data Sheet for more information.

NET CONTENTS: _____

EPA Est. No							
4140 -							
CA-1	IN-1	NJ-1	PR-1	TX-1	TX-2	TX-4	CAN-1