

MADISAN 75

FOOD CONTACT SANITIZING PERFORMANCE: This product is an effective food contact sanitizer in 1 minute at 1.36 oz. per 4 gal. of 500 ppm hard water (200 ppm active) on hard, non-porous surfaces: *Aeromonas hydrophila*, *Campylobacter jejuni*, *Clostridium perfringens*-vegetative, *Escherichia coli*, *Escherichia coli* O111:H8, *Escherichia coli* O157:H7, *Escherichia coli* O45:K:H-, *Escherichia coli* O103:K:H8, *Escherichia coli* O121:K:H10, *Escherichia coli* O26:H11, *Enterococcus faecalis* Vancomycin Resistant, *Enterobacter sakazakii*, *Listeria monocytogenes*, *Klebsiella pneumoniae*, *Salmonella enterica*, *Salmonella enteritidis*, *Salmonella typhi*, *Shigella dysenteriae*, *Shigella sonnei*, *Staphylococcus aureus*, *Staphylococcus aureus* Methicillin Resistant, *Streptococcus pyogenes*, *Yersinia enterocolitica*.

This product is an effective food contact sanitizer in 1 minute at 1 oz. per 4 gal. of 300 ppm hard water (150 ppm active) on hard, non-porous surfaces: *Escherichia coli*, *Staphylococcus aureus*.

This product is an effective food contact sanitizer in 1 minute at 2.67 oz. per 4 gal. of 1000 ppm hard water (400 ppm active) on hard, non-porous surfaces: *Escherichia coli*, *Staphylococcus aureus*.

NON-FOOD CONTACT SANITIZING PERFORMANCE: This product is an effective one-step sanitizer in 3 minutes at 0.25 oz. per gallon of water (150 ppm active) and 5% soil on hard, non-porous surfaces: *Staphylococcus aureus*, *Klebsiella pneumoniae*.

DISINFECTION PERFORMANCE IN INSTITUTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions) AND NON-MEDICAL FACILITIES (Schools, Restaurants, Food Services): This product kills the following bacteria in 10 minutes at 3.5 oz. per 4.5 gal. of water (450 ppm active) and 5% soil on hard, non-porous surfaces: *Burkholderia cepacia*, *Campylobacter jejuni*, *Clostridium perfringens*-vegetative, *Corynebacterium ammoniagenes*, *Escherichia coli* O157:H7, *Enterococcus faecium* Vancomycin Resistant (VRE), *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Pseudomonas aeruginosa*, *Rhodococcus equi*, *Salmonella enterica*, *Salmonella enterica* serovar agona, *Salmonella enterica* serovar anatum, *Salmonella enterica* serovar infantis, *Salmonella enterica* serovar Newport, *Salmonella enterica* serovar typhimurium, *Salmonella typhi*, *Shigella sonnei*, *Staphylococcus aureus*, *Staphylococcus aureus* Methicillin Resistant (MRSA), *Staphylococcus aureus* Community Associated Methicillin Resistant (CA MRSA), *Streptococcus equi*.

ANIMAL PREMISE VIRUCIDAL* PERFORMANCE: This product kills the following viruses in 10 minutes at 3.5 oz. per 4.5 gal. of water (450 ppm active) and 5% soil on hard, non-porous surfaces: Avian Influenza A (H5N1) Virus, Avian Influenza/Turkey/Wisconsin Virus, Canine Distemper Virus, Canine Coronavirus, Equine Influenza A (H3N8) Virus, Equine Herpes Virus Type 1, Infectious Bovine Rhinotracheitis Virus (IBR), Infectious Laryngotracheitis Virus, Newcastle disease Virus, Porcine Respiratory & Reproductive Virus (PRRSV), Porcine Rotavirus, Pseudorabies Virus, Transmissible Gastroenteritis Virus (TGE).

VIRUCIDAL* PERFORMANCE: This product kills the following viruses in 10 minutes at 3.5 oz. per 4.5 gal. of water (450 ppm active) and 5% soil on hard, non-porous surfaces: Avian Influenza A (H5N1) Virus, Avian Influenza/Turkey/Wisconsin Virus, Human Coronavirus, Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Herpes Simplex Type 1 Virus, Herpes Simplex Type 2 Virus, Human Immunodeficiency Virus Type 1, Influenza A (H1N1) Virus, Influenza A₂/Hong Kong Virus, Influenza A₂/J305 Virus, Norovirus, Vaccinia Virus.

* Indicates a 2 minute contact time is required for this claim.

MILDEWSTATIC PERFORMANCE: This product controls the following mold in 10 minutes at 3.5 oz. per 4.5 gal. of water (450 ppm active) on hard, non-porous surfaces: *Aspergillus niger*.

LAUNDRY SANITIZER PERFORMANCE: This product is an effective laundry sanitizer in 5 minutes at 1.33 oz. per gal. of 200 ppm hard water against the following organisms: *Pseudomonas aeruginosa*, *Klebsiella pneumoniae*, *Staphylococcus aureus*, *Staphylococcus aureus* Methicillin-Resistant (MRSA).

Food Contact Sanitizer – Disinfectant – Mildewstat - Virucide* - With Organic Soil Tolerance For Hospitals, Institutional, Industrial, Dairy, Equine, Poultry/Turkey Farms, Food Handling and Process Areas, Wineries, Federally Inspected Meat and Poultry Plants, Airline Terminals, Airports, Bus Stations, Train Stations, Transportation Terminals, Public Facilities, Shipping Terminals, Travel Rest Areas, Waysides, Automobiles, Cars, Trucks, Campers, RV's, Trailers, Automotive Garages, Auto Repair Centers, and Bicycle Shops. For Sanitizing Ice Machines. For use on Harvesting & Handling Equipment. This product is a laundry sanitizer designed for use in commercial, institutional and industrial laundry operations.

ACTIVE INGREDIENTS:

Alkyl (50% C14, 40% C12, 10% C16)	
Dimethyl Benzyl Ammonium Chloride3.0%
Octyl Decyl Dimethyl Ammonium Chloride2.3%
Didecyl Dimethyl Ammonium Chloride1.1%
Dioctyl Dimethyl Ammonium Chloride1.1%
OTHER INGREDIENTS:92.5%
TOTAL:100.0%

KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get in 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.

ENVIRONMENTAL HAZARDS

This product 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.

FIRST AID

In case of emergency, 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.

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: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

IF SWALLOWED: 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. Call a poison control center or doctor immediately for treatment advice.

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.

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

Sold By: **MADISON CHEMICAL CO., INC.**



3141 Clifty Drive · Madison, IN 47250
Made in the USA A-15
812-273-6000

E.P.A. Reg. No. 10324-81-110

E.P.A. Est. No. 110-IN-1 E.P.A. Est. No. 63838-CA-01

BATCH NO. _____

DIRECTIONS FOR USE

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

Before using this product 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.

This product is not for use on medical device surfaces.

FOR USE AS A ONE-STEP, GENERAL, HOSPITAL, MEDICAL DISINFECTANT, VIRUCIDE*, CLEANER:

1. Pre-clean heavily soiled areas.
2. Apply use solution of 3.5 oz. of this product per 4.5 gal. of water to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray.
3. Treated surfaces must remain wet for 10 minutes.
4. Allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished.
5. Prepare a fresh solution daily or when visibly dirty.

***KILLS HIV, HBV AND HCV ON PRE-CLEANED HARD, NON-POROUS 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, non-porous 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), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: Specific barrier protection items to be worn 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 & HCV must be thoroughly cleaned from hard, non-porous surfaces and objects before application of this product.

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: Allow hard, non-porous surfaces to remain wet for 2 minutes to kill HIV and for 10 minutes to kill all other viruses and bacteria listed on the label.

CLEANING AND DISINFECTING HARD, NON-POROUS SURFACES ON PERSONAL PROTECTIVE EQUIPMENT (RESPIRATORS): Pre-clean equipment, if heavily soiled to ensure proper surface contact. Prepare a use solution by adding 0.78 oz. of this product per gal. of water (450 ppm active). Gently mix for uniform use solution. Apply use solution to surfaces of the respirator with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump, coarse pump or trigger spray device. For spray 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. Remove excess solution from equipment prior to storage. The user must comply with all OSHA regulations for cleaning respiratory protection equipment (29 CFR § 1910.134). Prepare a fresh solution daily or when visibly dirty.

FOOD CONTACT SANITIZING DIRECTIONS

Prior to application, remove gross food particles and soil by a pre-rush 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 applications of the sanitizing solution.

FOOD CONTACT SANITIZING DILUTION GUIDE FOR FOOD CONTACT SURFACES, PUBLIC EATING PLACES, DAIRY PROCESSING EQUIPMENT, FOOD PROCESSING EQUIPMENT AND UTENSILS: To prepare a 150, 200, 300 or 400 ppm active solution use the following dilution table. Prepare the correct dilution rate based upon the appropriate use site.

FOOD CONTACT SANITIZING DILUTION TABLE

Active solution	1 gal.	4 gal.	10 gal.	20 gal.
150 ppm	0.25 oz.	1.0 oz.	2.5 oz.	5.0 oz.
200 ppm	0.34 oz.	1.36 oz.	3.4 oz.	6.8 oz.
300 ppm	0.50 oz.	2.0 oz.	5.0 oz.	10.0 oz.
400 ppm	0.67 oz.	2.67 oz.	6.67 oz.	13.3 oz.

FOOD CONTACT SANITIZING PERFORMANCE FOR PUBLIC EATING PLACES, DAIRY PROCESSING EQUIPMENT AND FOOD PROCESSING EQUIPMENT, UTENSILS AND OTHER HARD, NON-POROUS FOOD CONTACT SURFACES IN FOOD PROCESSING LOCATIONS, MEAT PLANTS, DAIRIES, BAKERIES, CANNERIES, BEVERAGE PLANTS, RESTAURANTS AND BARS DIRECTIONS (REGULATED BY 40 CFR 180.940(a)(c): Immerse pre-cleaned glassware, dishes, silverware, cooking utensils and other similar size food processing equipment in a solution of 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat) (or equivalent use dilution) for at least 1 minute. Allow sanitized surfaces to adequately drain and then air dry before contact with food, so that little or no residue remains. Do not rinse. For articles too large for immersing, apply a use solution of 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat) (or equivalent use dilution) to sanitize hard, non-porous food contact surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Surfaces must remain wet for at least 1 minute. Allow sanitized surfaces to adequately drain and then air dry before contact with food. Do not rinse. Prepare a fresh solution daily or when visibly dirty. For mechanical application, use solution must not be reused for sanitizing applications but may be used for other purposes such as cleaning.

U.S. PUBLIC HEALTH SERVICE FOOD SERVICE SANITIZATION RECOMMENDATIONS CLEANING AND SANITIZING

1. Thoroughly wash equipment and utensils in a hot detergent solution.
2. Rinse utensils and equipment thoroughly with potable water.
3. Sanitize equipment and utensils by immersion in 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat) (or equivalent use dilution) of this product for at least 1 minute at a temperature of 75°F.
4. For equipment and utensils too large to sanitize by immersion, apply use solution of 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat) (or equivalent use dilution) of this product by rinsing, spraying or swabbing until thoroughly wetted for 1 minute.
5. Allow sanitized surfaces to adequately drain and then air dry before contact with food. Do not rinse.
6. Prepare a fresh solution daily or when visibly dirty.

CLOSED LOOP SANITIZING:

1. Disassemble equipment and thoroughly clean after use.
2. Assemble equipment into operational position prior to sanitizing.
3. Prepare a sanitizing solution equal to 110% of the volume capacity of the equipment by diluting 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat) of this product.
4. Pump the solution through the system until full flow is obtained at all extremities and the system is completely filled with sanitizer and all air is removed. Surfaces must remain wet for at least 1 minute.

CLEAN-IN-PLACE (CIP) METHOD:

1. Thoroughly flush, clean and potable water rinse the system.
2. Prepare required volume of sanitizer solution needed by diluting 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat) of this product.
3. To sanitize entire system by circulation methods, run pumps for at least 2 minutes to thoroughly wet and sanitize all parts of the system.

SANITIZING OF REFRIGERATED FOOD PROCESSING EQUIPMENT AND OTHER HARD, NON-POROUS SURFACES IN FOOD CONTACT LOCATIONS:

For sanitizing food processing equipment, dairy equipment, refrigerated storage and display equipment and other hard, non-porous food contact surfaces, surfaces must be thoroughly pre-flushed or pre-scraped and, when necessary, presoaked to remove gross food particles.

1. Turn off refrigeration. (**Note:** Use this direction only if applicable.)
2. Unit must be washed with a compatible detergent and rinsed with potable water before sanitizing. (**Note:** Use this direction only if applicable.)
3. Apply a solution of 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat) (or equivalent use dilution) of this product by coarse pump or trigger spray device, direct pouring or by recirculating through the system. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Surfaces must remain wet for at least 1 minute.
4. Allow sanitized surfaces to adequately drain before contact with food/liquid. Do not rinse. Return machine to service.
5. Prepare a fresh solution daily or when visibly dirty.

SANITIZATION OF INTERIOR HARD, NON-POROUS SURFACES OF ICE MACHINES: Sanitization must occur after initial installation, after the machine is serviced and periodically during its use.

1. Shut off incoming water line to machine and turn off refrigeration.
2. Wash with a compatible detergent and rinse with potable water before sanitizing. (**Note:** Use this direction only if applicable.)
3. Apply a solution of 1-2.67 oz. of this product per 4 gal. of water (0.25-0.67) oz per gal. of water (150-400 ppm active quat) (or equivalent use dilution) of this product by mechanical spray, direct pouring, or by recirculating through the system.
4. Allow surfaces to remain wet or solution to remain in equipment for at least 1 minute. Drain thoroughly before reuse and allow sanitized surfaces to adequately drain before contact with liquid.
5. Return machine to normal operation.

BEVERAGE DISPENSING AND SANITARY FILLING EQUIPMENT SANITIZER

DIRECTIONS: For sanitizing hard, non-porous bottling or pre-mix dispensing equipment and bottles or cans in the final rinse application. This product is to be proportioned into the final rinse water line of the container washer or rinser. Fill equipment with a solution of 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat) of this product. Surfaces must remain wet for at least 1 minute or until operations resume at which time the sanitizing solution must be drained from the system. Allow sanitized surfaces to adequately drain and then air dry before contact with liquid. Do not rinse.

STORAGE TANK SANITIZER DIRECTIONS: For sanitizing hard, non-porous beer fermentation and holding tanks, wine, citrus and food processing storage and holding tanks. Prepare a solution of 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat) of this product for mechanical or automated systems. Follow manufacturers' directions for use for application equipment. Surfaces must remain wet for at least 1 minute. Allow sanitized surfaces to adequately drain before contact with food/liquid. Do not rinse. For mechanical operations or automated systems, the used sanitizing solution must not be reused for sanitizing, but can be reused for other purposes such as cleaning.

SANITIZING EGG SHELLS INTENDED FOR FOOD DIRECTIONS: To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat) of this product. The solution must be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow solution to drain. Eggs sanitized with this product must 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.

FOR TREATMENT OF MEAT AND POULTRY OR FRUIT AND VEGETABLE

CONVEYORS/BELTS: Remove gross food particles and excess soil by a pre-flush or pre-scrape. Wash with a good detergent or compatible cleaner. Rinse equipment thoroughly with potable water and then rinse equipment with a sanitizing solution. During processing apply 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat) of this product to conveyors with suitable feeding equipment. Do not allow this solution to be sprayed directly on food. Controlled volumes of sanitizer are applied to return portion of conveyor through nozzles so located as to permit maximum drainage of sanitizer from equipment and to prevent puddles on top of belt. During interruptions in operation, apply solution using coarse spray equipment to peelers, collators, slicers and saws, and other non-porous conveyor equipment. Allow surfaces to remain wet for at least 1 minute. Conveyors and other equipment must be free of product when applying this coarse spray.

GLOVE SPRAY SANITIZER DIRECTIONS: To prevent cross contamination from area to area in animal areas and the packaging and storage areas of food plants, spray pre-washed plastic, latex or other synthetic rubber gloves thoroughly to ensure sanitizing solution covers the exterior surfaces of the gloves prior to wearing, using a coarse spray device. Do not let sanitizing solution come into contact with exposed skin. After applying solution, allow gloves to remain wet for at least 1 minute. Let air dry thoroughly before wearing gloves. Do not rinse. Prepare sanitizing solution by adding 1-2.67 oz. of this product per 4 gal. of water (150-400 ppm active quat). Prepare a fresh solution daily.

NON-FOOD CONTACT SANITIZING DIRECTIONS

NON-FOOD CONTACT SANITIZING: Pre-clean heavily soiled surfaces. Add 1 oz. of this product to 4 gal. of water (150 ppm active). Apply solution to hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Treated surfaces must remain wet for 3 minutes. Prepare a fresh solution daily or when visibly dirty.

SANITIZATION OF HARD, NON-POROUS SURFACES ON PERSONAL

PROTECTIVE EQUIPMENT (RESPIRATORS): Add 0.25 oz. of this product to 1 gal. of water (150 ppm active). Gently mix for uniform solution. Apply solution to surfaces of the respirator with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Thoroughly wet surfaces to be sanitized. Treated surfaces must remain wet for 3 minutes. Remove excess solution from equipment prior to storage. Prepare a fresh solution daily or when visibly dirty.

SHOE/BOOT BATH SANITIZER DIRECTIONS: To prevent cross contamination from area to area, in animal areas, entryways 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 a 0.25-oz. of this product per gal. of water (150 ppm active) use solution for 3 minutes prior to entering area. Prepare a fresh solution daily or when visibly dirty.

(For food processing or other facilities that have installed entryway sanitizing systems.)

ENTRYWAY SANITIZING SYSTEMS: To prevent cross contamination from area to area, set the system to deliver 0.68-1.36 oz. of this product per gal. of water (or equivalent use dilution) (400-800 ppm active) of sanitizing solution. The spray/foam 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 with the sanitizing solution.

MOLD/MILDEW: Prepare use solution by adding 3.5 oz. of this product per 4.5 gal. of water, 0.78 oz. of this product per gal. of water or equivalent dilution. Apply use solution to pre-cleaned hard, non-porous surfaces for 10 minutes which will effectively inhibit the growth of mold and mildew and their odors. Repeat treatment every seven days, or more often if new growth appears.

ANIMAL PREMISES

Prior to use of this product, remove all animals and feeds from areas to be treated, animal transportation vehicles, and enclosures. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

FOR USE AS AN ANIMAL PREMISE DISINFECTANT/VRUCIDE: Apply a use solution of 3.5 oz. of this product per 4.5 gallon of water to disinfect hard, non-porous surfaces with a sponge, brush, cloth, by immersion, mechanical spray device, coarse pump or trigger spray device. Immerse all halters and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure in the use solution. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Treated surfaces must remain wet for 10 minutes. Ventilate buildings, coops 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, troughs, automatic feeders, fountains and waterers and other treated equipment which can contact food or water 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 3.5 oz. of this product per 4.5 gal. 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 3.5 oz. of this product per 4.5 gal. of water. Apply use solution to treat all vehicles. Leave treated surfaces wet for 10 minutes or more. Allow to air dry.

SANITIZER DIRECTIONS FOR NON-FOOD CONTACT SURFACES IN ANIMAL PREMISES

TO SANITIZE HOOF TRIMMING EQUIPMENT: Prior to application, pre-clean hoof trimming equipment before and after use on each animal with detergent and warm water or compatible cleaner to remove soil using a pre-scrape, pre-flush, or when necessary, pre-soak followed by a potable water rinse. To sanitize, add 1 oz. of this product to 4 gal. of water (150 ppm active). Treated surfaces must remain wet for 3 minutes. Prepare a fresh solution daily or when visibly dirty.

FOGGING IN FOOD PREMISES: ALL SURFACES MUST BE CLEANED AND DISINFECTED IN ACCORDANCE WITH LABEL DIRECTIONS PRIOR TO FOGGING.

DIRECTIONS FOR FOGGING 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 disinfecting, fog desired areas using 1 quart per 1,000 cubic feet of room area with a solution containing 2 oz. of product per gal. of water (1,200 ppm active). 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 prior to use. All food contact surfaces must be thoroughly rinsed with potable water prior to sanitizing.

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, gloves and long pants.

FOGGING IN POULTRY HOUSES: ALL SURFACES MUST BE CLEANED AND DISINFECTED IN ACCORDANCE WITH LABEL DIRECTIONS PRIOR TO FOGGING.

TREATMENT OF HATCHERY ROOMS USING FOGGING DEVICES: Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of the room to be treated. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water. Close room off so fog is confined to room to be treated. Mix 1 gallon of this product per 2.5 gal. of water. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Insert the nozzle of the fogger through a suitable opening into

the room. With the setting in maximum output, fog for one minute for each 4000 cubic feet of space in the room. **Under no circumstances will a room be entered by anyone within 2 hours of actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility.** When fogging is completed ventilate buildings and other closed spaces. Do not house livestock/animals or employ equipment until treatment has been absorbed or dried. Thoroughly clean all treated surfaces with soap or detergent and rinse with water.

TREATMENT OF INCUBATORS AND HATCHERS USING FOGGING

DEVICES: Only for treatment of setters and hatchers after poultry/chicks/eggs have been removed. Not for treatment of hatchers which contain chicks/eggs. Mix 13 oz. of this product per gallon of water. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Fog 3-8 oz. of this into setters and hatchers immediately after transfer. Repeat daily in setters and every 12 hours in hatchers. Discontinue hatcher treatments at least 24 hours prior to pulling the hatch. Do not allow people to contact or breathe this fog. It is acceptable to fog setters and hatchers with a 1.5 oz. of this product per gal. of water solution on an hourly or every other hour basis. If this is done, fog for 30-90 seconds once per hour or once every two hours. When fogging is complete, ventilate buildings, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers, and other treated equipment with soap or detergent, and rinse with potable water before reuse. Under no circumstances will a room be entered by anyone within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility.

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, gloves, long sleeves and long pants.

NON-ACID TOILET BOWL AND URINAL DISINFECTANT/CLEANING

DIRECTIONS: Remove heavy soil prior to disinfection.

From a Concentrate: Add 0.78 oz. of this product directly into the water in the toilet bowl. Brush thoroughly over exposed surfaces and under the rim with a toilet brush/mop, cloth or sponge. Allow solution to stand for 10 minutes and flush.

From a Use Solution: Empty water out of toilet bowl or urinal and apply a solution of 0.78 oz. of this product per gal. of water (450 ppm active) to exposed surfaces, including under the rim with a toilet brush/mop, cloth, or sponge, hand pump, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Brush or swab thoroughly, then allow solution to stand for 10 minutes and flush.

FOR HEAVY DUTY CLEANING OF TOILET BOWLS AND URINALS: Pre-clean heavily soiled areas. Empty toilet bowl or urinal and apply a use solution of 1.56 oz. of this product per gal. of water to exposed surfaces including under the rim with toilet brush/mop, cloth, or sponge, or mechanical spray device, hand pump, coarse pump or trigger spray device. To aid in soil removal, allow to soak. For sprayer application, spray 6-8 inches from surface. Brush or swab thoroughly and allow solution to stand for 10 minutes and flush.

FOR USE TO CLEAN AND DISINFECT SHOWER ROOMS, LOCKER ROOMS AND OTHER LARGE, OPEN AREAS WITH FLOOR DRAINS:

1. Pre-clean heavily soiled areas.
2. Apply a use-solution of 3.5 oz. of this product per 4.5 gal. of water (450 ppm active) to floors, walls and ceilings making sure not to over spray. To disinfect, all hard, non-porous surfaces must remain wet for 10 minutes.
3. Scrub using a deck brush or other coarse material as necessary.
4. Rinse surfaces thoroughly and let air dry.
5. Prepare a fresh solution daily or when visibly dirty.

RV HOLDING TANKS/RECREATIONAL VEHICLES: For toilet waste and holding tanks, cover bottom of holding tank with water and add 2 to 3.5 oz. of this product per 4.5 gal. of water to deodorize. If odors return before time to empty, add another 2 to 3.5 oz. per 4.5 gal. of water to the tank. For kitchen waste, add 2 to 3.5 oz. per 4.5 gal. of water to gray water tank as needed to control malodors created by dirty dishwasher. (Not for use in CA.)

AUTOMOTIVE USES: A solution of 2 oz. of this product per 4.5 gal. of water will effectively neutralize odors. Spray or apply onto seats, carpets, headliner and ashtray or into trunk and all vents to eliminate odors from tobacco, food, beverage spills and musty carpet. For sprayer applications, use a coarse spray device. Allow to air dry. (Not for use in CA.)

GLASS CLEANING/DEODORIZING DIRECTIONS: Use a 2 oz. of this product per 4.5 gal. of water use solution to clean and deodorize windows, mirrors, and glass surfaces. Use a coarse spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Rub with sponge or cloth. Change cloth, sponge or towels frequently to avoid re-deposition of soil.

FOR CONTROL OF DROSOPHILA SPP. AND PHORIDAE FAMILY OF FLIES

ON NON-FOOD CONTACT SURFACES: To control flies on hard, non-porous non-food contact surfaces such as floors, walls, countertops, metal surfaces, painted surfaces, glazed porcelain, glazed tile, glass, chrome, rubber, and plastic in restaurants, bars, kitchens, dishwashing areas, and bar and wait station areas and other food storage areas. After removing gross filth, apply a solution of 3.5 oz. of this product to 4.5 gal. of water to surfaces and locations where flies breed. Spray surfaces thoroughly or apply by pouring, mopping or sponging onto the surface. Allow surface to remain wet for 10 minutes. Repeat application 1-2 times per week or as needed. Do not contaminate food and foodpackaging.

CITRUS CANKER CONTROL (Not Applicable in CA): For prevention of Citrus Canker Disease through treatment of pre-cleaned equipment. Effective against *Xanthomonas axonopodis pv. citri* (Citrus Canker) at 2000 ppm active. Treatment can be applied to trucks, attached trailers, field harvesting equipment, including cargo area, wheels, tires, undercarriage, hood, roof, fenders and any other hard, non-porous part of equipment that can be taken into infested areas. Thoroughly clean surfaces with soap or detergent and rinse with water. Then saturate surfaces with a use dilution of 3.4 oz. of this product per gal. of water (2000 ppm active) for a period of 10 minutes. Allow to air dry. 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 thoroughly rinsed or laundered before reuse. Footwear must be rinsed before reuse. Prepare a fresh solution daily or when visibly dirty.

LAUNDRY SANITIZING DIRECTIONS FOR USE: This product is used in the final, warm rinse cycle at a low water level. Dilute at 1.33 oz. of this product per gal. of water (780 ppm active) (or equivalent use dilution), then add to the wash in the final rinse, or dispense directly through automatic dispensing equipment. Run for a minimum of 5 minutes. Retreat as necessary. This product will not harm fabrics. DO NOT USE IN THE PRESENCE OF, OR MIX WITH OTHER CHEMICALS.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store only in original 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.

CONTAINER HANDLING: For non-refillable containers equal to or less than 5 gal. Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drop. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. **For non-refillable containers greater than 5 gal.** Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water. Replace and tighten closures. 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 back and forth several times. Turn the container over onto its other end and tip back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

NET CONTENTS: 2.5 Gal. 5 Gal. 15 Gal.
 30 Gal. 55 Gal. 275 Gal. 300 Gal. 330 Gal.

UN 1903,

Disinfectants Liquid Corrosive, NOS
(Quaternary Ammonium Compound),
8, PG III.