

## 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, aquatic invertebrates, oysters, and shrimp. 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.

This product can be used to sanitize hard, non-porous surfaces such as: countertops, sinks, sealed floors, shelves, carts, racks, exterior surfaces of refrigerators, painted surfaces, finished baseboards and windowsills.

Foams without using additives.

**FOAMING DISINFECTION PERFORMANCE:** This product kills the following bacteria in 10 minutes at 1.75 fl. oz. per gal. of 400 ppm hard water (1350 ppm active) and 50% soil on hard, non-porous surfaces: *Pseudomonas aeruginosa*, *Salmonella enterica*, *Staphylococcus aureus*

**ANIMAL PREMISE VIRUCIDAL\* PERFORMANCE:** This product kills the following viruses in 10 minutes at 1.75 fl. oz. per gal. of 400 ppm hard water (1350 ppm active) and 5% soil on hard, non-porous surfaces: Avian Influenza A Virus (H3N2), Avian Reovirus, Avian Infectious Bronchitis Virus, Infectious Laryngotracheitis Virus, Newcastle Disease Virus, Porcine Respiratory and Reproductive Syndrome Virus (PRRSV), Porcine Rotavirus, Pseudorabies Virus, Swine Influenza A Virus (H1N1), Transmissible Gastroenteritis Virus (TGE), Vesicular Stomatitis Virus

**NON-FOOD CONTACT SANITIZING PERFORMANCE:** This product is an effective one-step non-food contact sanitizer in 1 minute at 1.5 fl. oz. per gal. of 400 ppm hard water (1175 ppm active) and 5% soil on hard, non-porous surfaces against: *Campylobacter jejuni*, *Escherichia coli* O157:H7, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Salmonella enterica*, *Salmonella enteritidis*, *Shigella dysenteriae*, *Staphylococcus aureus*, *Yersinia enterocolitica*

**FOAMING NON-FOOD CONTACT SANITIZING PERFORMANCE IN DRAINS:** This product is an effective one-step non-food contact sanitizer in 5 minutes at 0.5 fl. oz. per gal. of 400 ppm hard water (400 ppm active) and 50% soil on hard, non-porous drain surfaces against: *Klebsiella aerogenes*, *Listeria monocytogenes*, *Staphylococcus aureus*



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# QUAT-HF

Disinfectant • Non-Food Contact Sanitizer  
• Virucide\*

For Industrial Sites, Food Handling and Processing Areas, and Federally Inspected Meat and Poultry Plants.

Foaming Entryway Sanitizer.

### ACTIVE INGREDIENTS:

Alkyl (50% C14, 40% C12, 10% C16)  
Dimethyl Benzyl Ammonium Chloride .....4.0%  
Octyl Decyl Dimethyl Ammonium Chloride .....3.0%  
Didecyl Dimethyl Ammonium Chloride .....1.5%  
Dioctyl Dimethyl Ammonium Chloride .....1.5%  
**OTHER INGREDIENTS:** ..... 90.0%  
**TOTAL:** .....100.0%

## KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

See left panel for additional precautionary statements.

### 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:** Probable mucosal damage may contraindicate the use of gastric lavage.

For chemical and/or medical emergencies, call  
CHEMTREC at 800-424-9300.

EPA Reg. No. 10324-159-833  
EPA Est. No. ☐ 833-PA-1, ☐ 35939-GA-1,  
☐ 83199-SD-1, ☐ 1270-AZ-1, ☐ 40849-GA-1



### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
Allow surfaces to come to room temperature prior to treatment with this product.  
Before using this product, food products and packaging materials must be removed from the room or carefully protected.

### FOAMING DISINFECTANT DIRECTIONS

*(Use the following instructions when not using Lafferty equipment.)*

**FOAMING DISINFECTANT FOR SINK DRAINS, FLOOR DRAINS, TRUNK LINE SINKS, AND DRAINAGE SYSTEMS:** Thoroughly pre-clean drain with a brush applicator prior to disinfection. Brush applicator bristles must be 1 inch in diameter larger than the inner diameter of the drain pipe. Disinfection will only occur on pre-cleaned surfaces of the drain. Using a foam generator or similar device, set equipment according to the manufacturers' instructions to deliver a 1:73 - 1:42 dilution of this product with water (1.75 - 3 fl. oz. of this product per gal. of water or equivalent use dilution). Apply foam into drain by holding foaming nozzle to sink, floor drain, or drainage opening. Hold foaming discharge nozzle against or in drain opening to assure foam does not back up out of drain. Foam for at least 10 seconds or longer depending upon length of drainpipe to disinfect. Foam must completely fill pipe and push water through the (J) trap or other such catch device. Allow foam to sit on drain surface for 10 minutes, then let air dry or rinse. Do not mix other foam additives to the disinfecting solution. A small amount of water must be flushed down the drain to refill the (J) trap. Repeat use at least weekly or as needed to control organism growth.

### NON-FOOD CONTACT SURFACE SANITIZING DIRECTIONS

**NON-FOOD CONTACT SURFACE SANITIZING:** Pre-clean visibly soiled surfaces. Add 1.5 - 2 fl. oz. of this product per gal. of water (or equivalent use dilution) (1175 - 1560 ppm active). Apply solution to hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump trigger spray device. For spray applications, spray 6 - 8 inches from surface. Avoid breathing spray. Treated surfaces must remain visibly wet for 1 minute. Prepare a fresh solution daily or when visibly dirty.

**SHOE FOAM DIRECTIONS:** To reduce cross-contamination between treated surfaces from area to area and the packaging and storage areas of food plants, apply a foam layer approximately 0.5 - 2 inches thick made from a solution of 1.5 - 2 fl. oz. of this product per gal. of water (or equivalent use dilution) (1175 - 1560 ppm active) at all entrances to buildings, hatcheries, and production and packaging rooms by using a foam generating machine or aerator to apply foam layer. Follow the foaming directions as specified by the manufacturer of the foam generator/aerator. Scrape waterproof shoes. Stand and/or walk through foamed area or allow to remain visibly wet for 1 minute prior to entering area. Foam area must be washed and replaced daily or when it appears visibly soiled or dirty.

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

**ENTRYWAY SANITIZING SYSTEMS:** To reduce cross-contamination between treated surfaces from area to area, set the system to deliver a sanitizing solution of 1.5 - 2 fl. oz. of this product per gal. of water (or equivalent use dilution) (1175 - 1560 ppm active). The 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. Treated surfaces must remain visibly wet for 1 minute. Do not mix other foam additives with the sanitizing solution.

*(Use the following instructions when not using Lafferty equipment.)*

**FLOOR DRAIN AND DRAINAGE SYSTEMS FOAMING SANITIZER:** Thoroughly pre-clean drain with a vigorous physical method prior to sanitization. Sanitization will occur only on pre-cleaned surfaces of the drain. Using a foam generator or similar device, set equipment according to manufacturers' instructions to deliver a 1:256 - 1:128 dilution of this product with water (0.5 - 1 fl. oz. of this product per gal. of water or equivalent use dilution). Apply foam into drain by holding foaming nozzle to length or drainage opening. Foam for at least 10 seconds or longer depending upon length of drain pipe to sanitize. Check with foam equipment manufacturer for exact time to fill length of drain pipe requiring sanitizing. Foam must completely fill pipe and push water through the (J) trap or other such catch device. Allow the drain to sit for a minimum of 5 minutes before use. The drain can then be returned to service with or without rinsing. It is recommended that a small amount of water be flushed down the drain to refill the (J) trap. Repeat use at least weekly or as may be needed to control (listed) organism growth. Do not mix other foam additives to the sanitizing solution.

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### FOR USE AS A DISINFECTANT IN FOOD PROCESSING PLANTS/PREMISES:

1. Pre-clean visibly soiled areas.
  2. Apply use solution of 1.75 - 3 fl. oz. of this product per gal. of water (or equivalent use dilution) to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump trigger spray device.
  3. For spray applications, spray 6 - 8 inches from surface. Avoid breathing spray.
  4. Treated surfaces must remain visibly wet for 10 minutes.
  5. Wipe dry with a clean cloth or allow to air dry.
  6. When disinfecting food contact surfaces used for food preparation, rinse surfaces thoroughly with potable water. This product must not be used to treat the following surfaces: utensils, glassware, dishes, or interior surfaces of processing equipment.
- Note:** All food contact surfaces such as appliances and kitchen countertops must be rinsed with potable water after treatment.

### 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/VIRUCIDE\*:** To disinfect hard, non-porous surfaces, prepare a use solution of 1.75 - 3 fl. oz. of this product per gal. of water (or equivalent use dilution). Apply use solution with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, hand pump trigger spray device. For spray applications, spray 6 - 8 inches from surface. Avoid breathing spray. 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. Treated surfaces must remain visibly wet for 10 minutes. Ventilate buildings, coops, and other closed spaces. Do not house animals or employ equipment until treatment has set or dried. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains, 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, non-porous surfaces. Use 1.75 - 3 fl. oz. of this product per gal. of water. Leave all treated surfaces visibly wet for 10 minutes or more. Allow to air dry.

**VEHICLES:** To clean and disinfect hard, non-porous surfaces on vehicles including mats, crates, cabs, and wheels, use 1.75 - 3 fl. oz. of this product per gal. of water. Apply use solution to treat hard, non-porous vehicle surfaces. Leave treated surfaces visibly wet for 10 minutes or more. Allow to air dry.

**DRESSING PLANT:** To disinfect equipment, utensils, walls, and floors in poultry and animal dressing plants. Remove all visible soils prior to application. Saturate all hard, non-porous surfaces with a solution of 1.75 - 3 fl. oz. of this product per gal. of water (or equivalent use dilution) and scrub to loosen all soils. Surfaces must remain visibly wet for 10 minutes, and then be thoroughly rinsed with potable water before operations are resumed.

## 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:** 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: 55 GALLONS  
BATCH NO.:

**SOLD BY: AFCO**  
**550 DEVELOPMENT AVE.**  
**CHAMBERSBURG, PA 17201**  
**TEL. 1-800-345-1329**