

**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 chemical-resistant 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.

**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 rinseate 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 1/4 full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal Instructions for rinseate 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 1/2 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 rinseate 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.

**DISINFECTANT PERFORMANCE:** This product kills the following bacteria in 10 minutes at 3 oz. per 5 gal. of water (450 ppm active) and 5% soil on hard, non-porous surfaces against: *Salmonella enterica*, *Staphylococcus aureus*, *Pseudomonas aeruginosa*.

**VIROCIDAL \* PERFORMANCE:** This product kills the following viruses in 10 minutes at 3 oz. per 5 gal. of water (450 ppm active) and 5% soil on hard, non-porous surfaces:

Adian Influenza A (H1N1) Virus, Adian Influenza/Turkey/Virconsin 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 (HIV-1), Influenza A (H1N1) Virus, Influenza A2/Hong Kong Virus, Influenza A2/1305 Virus, Norovirus, Vaccinia Virus.

\* Indicates a 2-minute contact time is required for this claim.  
**MILDEWSATIC PERFORMANCE:** This product controls the following mold at 3 oz. per 5 gal. of water (450 ppm active) and 5% soil on hard, non-porous surfaces for up to 7 days: *Aspergillus niger*.

**NON-FOOD CONTACT SANITIZING PERFORMANCE:** This product is an effective one-step non-food contact sanitizer in 3 minutes at 1 oz. per 5 gal. of water (150 ppm active) and 5% soil on hard, non-porous surfaces against: *Staphylococcus aureus*, *Klebsiella pneumoniae*.

**CESCO WHITE FOG**

Cleaner • Disinfectant • Food Contact Sanitizer • Non Food Contact Sanitizer  
 Detergent • Mildewstat • Virucide

**ACTIVE INGREDIENTS:**

Alkyl (50% C14, 40% C12, 10% C16)	4.0%
Dimethyl Benzyl Ammonium Chloride	3.0%
Octyl Decyl Dimethyl Ammonium Chloride	1.5%
Didecyl Dimethyl Ammonium Chloride	1.5%
Didecyl Dimethyl Ammonium Chloride	90.0%
<b>OTHER INGREDIENTS:</b>	100.0%
<b>TOTAL:</b>	100.0%

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

See side panel for additional precautionary statements.  
 SI LISTED NO ENTENDE LA ETIQUETA, BUSQUE A ALGUEN PARA QUE SE LA EXPLIQUE A UN ESTAD EN DETALLE.  
 IF YOU DO NOT UNDERSTAND THE LABEL, FIND SOMEONE TO EXPLAIN IT TO YOU IN DETAIL.

**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.

**FOOD CONTACT SANITIZING PERFORMANCE:** This product is an effective food contact sanitizer in 1 minute at 1 oz. per 1 gal. of 500 ppm hard water (200 ppm active) on hard, non-porous surfaces: *Aeromonas hydrophila*, *Campylobacter jejuni*, *Clostridium perfringens-vegetative*, *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 0.75 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 oz. per 4 gal. of 1000 ppm hard water (400 ppm active) on hard, non-porous surfaces: *Escherichia coli*, *Staphylococcus aureus*.

**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, food products and packaging materials must be removed from the room or carefully protected.  
 This product is not for use on medical device surfaces.

Use	Dilution	Contact Time
For Hospital or Medical Environment Disinfectant claims	3 oz. /5 gal. water	10 minutes
For Public Health "Virucide" claims	3 oz. /5 gal. water	10 minutes
For Non-Food Contact Sanitizing claims	1 oz. /5 gal. water	3 minutes
For Food Contact Sanitizing claims at 150 ppm	0.75 oz. /4 gal. water	1 minute
For Food Contact Sanitizing claims at 200 ppm	1 oz. /4 gal. water	1 minute
For Food Contact Sanitizing claims at 400 ppm	2 oz. /4 gal. water	1 minute
For Mold and Mildew	3 oz. /5 gal. water	Up to 7 days

**FOR USE AS A DISINFECTANT, VIROCIDAL:**

1. Pre-clean heavily soiled areas.
2. Apply use solution of 3 oz. of this product per 5 gal. of water to disinfected hard, non-porous surfaces with a sponge, brush, cloth, mop, 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. Rinse with potable water after use on surfaces that come in contact with food.
4. Wipe dry with a clean cloth or 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 should 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:** Wear protective latex gloves, gowns, masks and eye protection. Cleaning Procedure: Blood and other body fluids 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.

**FOR USE AS A GENERAL CLEANER AND/OR DEODORIZER:** Prepare use solution of 1.75 oz. of this product per 5 gal. of water and apply to hard, non-porous surfaces. Wipe up excess liquid with a paper towel or allow to air dry. For heavy-duty use, add 4 oz. of this product per 5 gal. of clean hard, non-porous surfaces.

**TO CONTROL MOLD/MILDEW:** Prepare use solution by adding 3 oz. of this product per 5 gal. of water (or equivalent use dilution). Apply use solution to hard, non-porous surfaces 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.

#### FOOD CONTACT SANITIZING DIRECTIONS

Prior to application, remove gross food particles and soil by a pre-flush or pre-scrub 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 TABLE:** 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:

Active solution	1 gallon	4 gallons	10 gallons	20 gallons
150 ppm	0.19 oz.	0.75 oz.	1.92 oz.	3.84 oz.
200 ppm	0.25 oz.	1.0 oz.	2.5 oz.	5.0 oz.
300 ppm	0.375 oz.	1.5 oz.	3.75 oz.	7.5 oz.
400 ppm	0.50 oz.	2.0 oz.	5.0 oz.	10.0 oz.

**FOOD CONTACT SANITIZING PERFORMANCE 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 0.75-2 oz. of this product per 4 gal. of water (150-400 ppm active quat) for at least 1 minute. Allow sanitized surfaces to adequately drain and then air dry before contact with food. Do not rinse.

For articles too large for immersing, apply a use solution of 0.75-2 oz. of this product per 4 gal. of water (150-400 ppm active quat) to sanitize hard, non-porous food contact surfaces with a brush, cloth, mop, sponge, 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. 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.

#### 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 rinsers. Fill equipment with a solution of 0.75-2 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, milk, and food processing storage and holding tanks. Wash with a compatible detergent and rinse with potable water before sanitizing. Prepare a solution of 0.75-2 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 use of 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 0.75-2 oz. of this product per 4 gal. of water (150-400 ppm active quat) of CESCO WHITE FOG. 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 immediately 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 CONVEYOR BELTS:** Remove gross food particles and excess soil by a pre-flush or pre-scrub. Wash with a good detergent or compatible cleaner. Rinse equipment thoroughly with potable water and then use equipment with a sanitizing solution. During processing apply 0.75-2 oz. of this product per 4 gal. of water (150-400 ppm active quat) of CESCO WHITE FOG 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 DIPS/SPRAY SANITIZER DIRECTIONS:

To reduce cross contamination on treated surfaces from area to area and the packaging and storage areas of food plants, dip, soak or spray pre-washed plastic, latex, or other synthetic rubber non-porous gloves thoroughly to ensure sanitizing solution covers the exterior surfaces of the gloves prior to usage. For spray applications, use 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 0.75-2 oz. of CESCO WHITE FOG per 4 gal. of water (150-400 ppm active quat). Prepare a fresh solution daily or when visibly dirty.

#### NON-FOOD CONTACT SURFACE SANITIZING DIRECTIONS

**NON-FOOD CONTACT SURFACE SANITIZING:** Pre-clean heavily soiled surfaces. Add 1 - 3.2 oz. of this product to 5 gal. of water (150 - 400 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, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Treated surfaces must remain wet for 3 minutes. Rinse with potable water after use on surfaces that come in contact with food. Prepare a fresh solution daily or when visibly dirty.

#### SHOEBOOT BATH SANITIZER DIRECTIONS:

To reduce cross-contamination on treated surfaces from area to area, shoe baths containing one inch of freshly made sanitizing solution must be placed at all entrances to buildings, patios, and at all the entrances to the production and packaging rooms. Scrub waterproof shoes and place in a 1 - 5.2 oz. of this product per 5 gal. of water (150 - 800 ppm active) use solution for 3 minutes prior to entering area. Prepare a fresh solution daily or when visibly dirty.

#### FOR FOOT DIP OF WATER PROOF FOOTWEAR:

Use this product at 1 - 5.2 oz. per 5 gal. of water (150 - 800 ppm active) in foot dip tray. Shoe baths must contain at least 1 inch of freshly made solution and be placed at the entrances to buildings. Scrub shoes and place in diluted solution for 3 minutes before entering building. Prepare a fresh solution daily or when visibly dirty.

#### SHOE FOAM DIRECTIONS:

To reduce cross-contamination on treated surfaces from area to area, apply a foam layer approximately 0.5 to 2 inches thick made from a solution of 1 to 1.5 oz. of this product per gal. of water (800-1200 ppm active) at all entrances to buildings, hatcheries, 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. Scrub waterproof shoes. Stand and/or walk through foamed area for 3 minutes 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 on treated surfaces from area to area, set the system to deliver 1.25 - 2.75 oz. of this product per 2.5 gal. of water (400-850 ppm active) of sanitizing solution. 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. Do not mix other foam additives with the sanitizing solution.

#### FOGGING IN FOOD PREMISES

**ALL SURFACES MUST BE CLEANED AND DISINFECTED IN ACCORDANCE WITH LABEL DIRECTIONS PRIOR TO FOGGING. BEVERAGE AND FOOD PROCESSING DIRECTIONS FOR FOGGING IN DAIRIES:**

Sanitizing material must be removed from the room or carefully protected. After disinfecting, fog desired areas using 1 quart per 1000 cubic feet of room area with a solution containing 1.5 oz. of product per gal. of water (1,200 ppm active). Wear a minimum of a filtering face piece NIOSH approved respirator (TC-84A) with any N filter respirator when making the use solution and pouring it into the fogging apparatus. Higher level respirators that are NIOSH approved for particulates can also be used. 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. When fogging is complete, ventilate buildings, and other closed spaces. 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 minimum of a filtering face piece NIOSH approved respirator (TC-84A) with any N filter, goggles, long sleeves and long pants. Higher level respirators that are NIOSH approved for particulates can also be used.

#### 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, counters, 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 film, apply a solution of 3 oz. of this product per 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 food packaging.

#### FOR CONTROL OF SMALL FLIES IN DRAINS:

For control of small flies, Drosophila spp. and the Phoridae family. Spray or pour solution of 3 oz. of this product per 5 gal. of water into the drain during time of lowest level of drain use. Add 14 oz. of use solution daily to each drain to maintain fly control. Apply product around the edge of the drain and thoroughly coat inside of drain. Repeat application 1-2 times per week or as needed. Do not contaminate food and food packaging.

#### TRANSPORTATION INFORMATION

DOT Proper Shipping Name: