

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

**Keep Out of Reach of Children.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get into 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 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.

**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.

**TRANSPORTATION INFORMATION**

**UN1903, Disinfectants, liquid, corrosive n.o.s. (Quaternary Ammonium Compound), 8, PGI1**

**DIRECTIONS FOR USE**

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

**PREPARATION OF DISINFECTION USE SOLUTION:** Before using this product, food products and packaging materials must be removed from the room or carefully protected. Add 3 ounces of this product per 5 gallons of water to disinfect hard non-porous surfaces. For heavily soiled areas, a preliminary cleaning is required. Apply this product to hard, inanimate, non-porous surfaces with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surfaces must be sprayed until thoroughly wetted. 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. Treated surfaces must remain wet for 10 minutes. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Rinse all surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. A fresh solution must be prepared at least daily or when use solution becomes visibly dirty. **Note:** With spray applications cover or remove all food products.

**GENERAL DISINFECTANT IN NON-MEDICAL FACILITIES: Restaurants, Food Services, Dairies, Food Processing Plants and Other Non-Medical Facilities:** Add 1.75 ounces of this product to 5 gallons of water. Treated surfaces must remain wet for 10 minutes. This product is not to be used as a disinfectant on glassware, dishes and eating utensils. This product is bactericidal according to the AOAC Use Dilution Test method on hard inanimate surfaces modified in the presence of 5% organic serum against: *Salmonella enterica*, *Staphylococcus aureus*

**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.

**TO DISINFECT FOOD-PROCESSING PREMISES:** Before using this product, food products and packaging materials must be removed from area or carefully protected. For floors, walls and storage areas, add 3 ounces of this product to 5 gallons of water. 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.

**FOOD CONTACT SANITIZING DIRECTIONS**  
**SANITIZING OF FOOD PROCESSING EQUIPMENT AND OTHER HARD SURFACES IN FOOD PROCESSING LOCATIONS, MEAT PLANTS, DAIRIES, BAKERIES, CANNERIES, RESTAURANTS AND BARS DIRECTIONS:** For sanitizing food processing equipment, dairy equipment, food utensils, dishes, silverware, eating utensils, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard, non-porous surfaces. NO POTABLE WATER RINSE IS ALLOWED

Prior to application, remove gross food particles and soil by a pre-flush 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.



**ALGONQUIN  
QUAT SANITIZER**

■ Disinfectant ■ Food Contact Sanitizer  
■ Virucide\*

• Restaurant  
• Food Handling and Process Areas  
• Federally Inspected Meat and Poultry Plants

**ACTIVE INGREDIENTS:**

Octyl Decyl Dimethyl Ammonium Chloride.....	3.0%
Didecyl Dimethyl Ammonium Chloride.....	1.5%
Dioctyl Dimethyl Ammonium Chloride.....	1.5%
Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride.....	4.0%

**INERT INGREDIENTS:..... 90.0%**

**TOTAL.....100.0%**

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

See side panel for additional precautionary statements and first aid statements

NET CONTENTS: 1 gallon  5 gallon  55 gallon

LOT#

**EPA REG. NO. 10324-117-83106  
EPA EST. NO. 069058-GA-1**

Manufactured For:  
**ALGONQUIN PRODUCTS COMPANY**  
 1165 Allgood Road, Suite 13, Marietta, GA 30062  
 To Reorder Call: 866-578-4240  
 Fax: 866-578-4241  
 Part Number: 1020

**DIRECTIONS FOR USE (continued)**

Before use as a sanitizer in federally inspected meat and poultry plants and dairies, food products and packaging materials must be removed from the room or carefully protected. A potable water rinse is not allowed following the use of this product as a sanitizer on previously cleaned hard, non-porous surfaces provided that the surfaces are adequately drained before contact with food so that little or no residue remains.

Apply to sink tops, countertops, refrigerated storage and display equipment and other stationary hard surfaces by cloth or brush or mechanical spray device. **NO POTABLE WATER RINSE IS ALLOWED AFTER USE AS A SANITIZER.** Dishes, silverware, glasses, cooking utensils, eating utensils and other similar size food processing equipment must be sanitized by immersion in a 0.75 to 2 ounces per 4 gallons solution of this product (150-400 ppm active) for a contact time of 1 minute. Prepare a fresh sanitizing solution at least daily. **NO POTABLE WATER RINSE IS ALLOWED.** At 0.75 ounce per 4 gallons this product is effective with a 1-minute contact time as a food-contact surface sanitizer in water up to 500-ppm hardness against *Escherichia coli* and *Staphylococcus aureus*. At 1 ounce per 4 gallons of water this product eliminates 99.999% of the following bacteria in 60 seconds in 500 ppm hard water according to the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test: *Escherichia coli*, *Listeria monocytogenes*, *Klebsiella pneumoniae*, *Salmonella enterica*, *Staphylococcus aureus*.

**SHOE/BOOT 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 a 0.25 ounces of this product per gallon 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.

*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 1.25 – 2.5 oz. per 2.5 gallons of water 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 to the sanitizing solution.

**HATCHERIES:** For disinfection/virucide, use 3 ounces of this product per 5 gallons of water. Apply to hatchers, setters, trays, racks, egg flats, walls, floors, ceilings, chickboxes, egg cases, trash containers, carts, sexing tables, delivery trucks, vans and other hard surfaces. Leave all treated surfaces exposed to solution for 10 minutes or more. Rinse with potable water before reuse. Then allow to air dry.

**DISINFECTANT/VIRUCIDAL DIRECTIONS FOR CHICK VANS, EGG TRUCKS AND HATCHERY VEHICLES:** Clean all vehicles including mats, crates, cabs, and wheels with high-pressure water and this product. Use 3 ounces of this product per 5 gallons of water to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution wet for 10 minutes or more. For sprayer applications, use a coarse spray device.  
**DISINFECTANT/VIRUCIDAL\* DIRECTIONS TO TREAT HARD NON-POROUS, NON-FOOD CONTACT SURFACES OF AUTOMATED TRAY, RACK AND BUGGY WASHERS:** Mix a solution containing 3 ounces of this product per 5 gallons of water. Remove all litter and manure from surfaces to be treated. Treat hard non-porous, non-food contact surfaces of automated trays, racks and buggy washers with solution for 10 minutes. Thoroughly clean all surfaces with soap or detergent and rinse with water before reuse. Change the disinfecting solution at least daily or when solution appears dirty.

**DISINFECTANT/VIRUCIDAL\* DIRECTIONS TO TREAT HARD NON-POROUS, NON-FOOD CONTACT SURFACES IN EGG RECEIVING AND EGG HOLDING AREAS:** Mix a solution containing 3 ounces of this product per 5 gallons of water. Remove all litter and manure from surfaces to be treated. Saturate hard non-porous, non-food surfaces with the solution for a period of 10 minutes. Apply by mop, brush or sprayer. Thoroughly clean all surfaces with soap or detergent and rinse with water before reuse. Change the disinfecting solution at least daily or when solution appears dirty.

**ANIMAL PREMISE VIRUCIDAL\* PERFORMANCE:** At 3 ounces of this product per 5 gallons of water use level and with a 10-minute contact time, this product was evaluated and found to be effective in the presence of 5% blood serum against the following viruses on hard, non-porous surfaces: Avian influenza/Turkey/Wisconsin virus, Newcastle disease virus.

**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. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. 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 this container to hold materials other than pesticides or rinsate. Triple rinse. After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Offer for recycling for available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations.  
**RESIDUE REMOVAL INSTRUCTIONS: For containers less than one gallon:** Triple rinse container promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**RESIDUE REMOVAL INSTRUCTIONS: For containers greater than one gallon:** Triple rinse container promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. 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 it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.