Disinfectant - Sanitizer - Deodorizer - One-Step Cleaner/Disinfectant for Industrial and Commercial Use

Dairies – Beverage and Food Processing Plants – Farm Premises – Poultry Premises – Poultry Hatcheries – Animal Housing Facilities

ACTIVE INGREDIENTS:
Alkyl (C\textsubscript{14}, 50%; C\textsubscript{12}, 40%; C\textsubscript{16}, 10%)
Dimethyl benzyl ammonium chloride..........................3.00%
Octyl decyl dimethyl ammonium chloride..............2.25%
Didecyl dimethyl ammonium chloride ......................1.35%
Dioctyl dimethyl ammonium chloride ......................0.90%

OTHER INGREDIENTS:.............................................92.50%
TOTAL:....................................................................100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: CORROSIVE: Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses) protective clothing and rubber gloves. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. DO NOT MIX WITH ANYTHING BUT WATER

FIRST AID

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 ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED: Call a poison control center or doctor 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.

FOR EMERGENCY MEDICAL INFORMATION IN USA OR CANADA, CALL: 1-800-328-0026.
FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE, CALL: 1-651-222-5352 (IN THE USA).
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE & DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.
PESTICIDE STORAGE: Store in original container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls.
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 AND DISPOSAL: Non-refillable container. Do not reuse or refill this container. Triple rinse as follows: Fill the container 1/4 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. Follow pesticide disposal instructions for rinsate disposal. Repeat procedure two more times. Then offer for recycling or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

NET CONTENTS:
55 US GAL (208 L)
6300567

Read other label for directions for use.

764261/5301/0116
**Quorum™ Clear V**

Disinfectant - Sanitizer - Deodorizer - One-Step Cleaner/Disinfectant for Industrial and Commercial Use

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic invertebrates. Do not discharge 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 to specifically dispense the permitted effluent containing this product to sewers without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**DIRECTIVES FOR USE**

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

Apply Quorum Clear V with a cloth, mop or mechanical spray device. When applied with a mechanical spray device, surface must be sprayed until thoroughly wetted. For spray applications, use a coarse spray device. Spray 6-8 inches from surfaces, rub with brush, sponge or cloth. Do not broadcast spray. Fresh solution must be prepared daily when the use solution becomes visibly dirty.

**GENERAL DISINFECTION DIRECTIONS:** At 1 oz. per 1 gallon of water, this product is an effective general disinfectant that can be used to disinfect floors, walls, finished woodwork, sinks, garbage pails, telephones, rest rooms, bathroom fixtures, and other hard, nonporous surfaces. For heavily soiled areas, a pre-cleaning step is required. Apply disinfecting solution to surface by flushing, mopping, sponging or hand pump spraying so as to thoroughly wet surface. Allow surface to remain wet for 10 minutes. Remove solution with a clean mop, cloth, or vacuum pickup or allow to air dry. Prepare fresh solution at least daily or when use solution becomes visibly dirty. Any food contact surfaces that have been disinfectant must be thoroughly rinsed with potable water. Do not use this product as a disinfectant on glasses, dishes or utensils.

Before use in federally inspected meat and poultry food processing plants and dairy premises, and in Wisconsin dairy processing facilities, the term “dairy premises” is defined as barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.

**Sanitizing Shell Eggs Intended For Food:** To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of 1.04 oz. to 2.72 oz. of Quorum Clear V in 4 gallons of warm water (100 to 200 ppm active quat). The solution must be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to dry. Eggs sanitized with Quorum Clear V shall be subjected to a potable water rinse only if broken immediately for use in the manufacture of immediate egg products. Eggs may be left reasonably dry before casing or breaking. Do not reuse solution for sanitizing eggs.

**DIRECTIONS FOR USE**

**Note:** Only clean, white eggs can be sanitized. Dirty, cracked or punctured eggs cannot be sanitized.

Sanitizing - Non-Porous Glowed Hands: To prevent cross contamination into animal areas and the packaging and storage areas of food plants, dip, soap or pre-spray must be thoroughly washed at plastic, latex or other synthetic rubber gloves, and hand pump sprayers. Scrape waterproof work boots (shoes) and place in solution of 0.34 oz. of Quorum Clear V per 1 gallon of water (200 ppm activequat) or equivalent dilution for 60 seconds prior to entering an animal contact area. Mix 187 ounces of this solution and allow gloved hands to remain wet for at least 60 seconds. Allow air dry. No potable water rinses may be added. Change the solution at least daily when solution appears dirty.

**Hatchery Rooms:** 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 all surfaces with soap or detergent and rinse with water. Close the room off so saturation is confined to the room to be treated. Mix 187 ounces of this product to 2.5 gallons of water and apply by dipping, soaking, spraying or flooding (as appropriate) through the room to assure that all surfaces are thoroughly wet. A mist respirator must be worn when applying the product. Do not house livestock or equipment until treated areas are dry. Do not allow people or animals to contact or breathe this saturate for a minimum of 2 hours. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturations is to be added in addition to standard cleaning and disinfecting of room and machinery surfaces.

**NOTE:**

FOR MANUALLY OPERATED: Prepare a fresh sanitizing solution as soon as it becomes diluted or soiled.

**For Continuous Treatment of Conveyors:** Remove gross food particles and excess soil by a pre-flush or pre-spray. Wash with a good detergent or compatible cleaner. Rinse equipment thoroughly with potable water, then rinse equipment with a sanitizing solution. During processing, apply Quorum Clear V at a 150 to 400 ppm quat level to conveyors with MIRKO MASTER or other suitable feeding equipment. Controlled volumes of sanitizer are applied to return rotates of conveyors through nozzles so located as to permit maximum drainage of sanitizer from equipment and to prevent puddles of sanitizer from building up. Use 120 ppm to 240 ppm level in Wisconsin dairy processing facilities.

**Farm Premise Disinfection Directions:**

1. Remove all animals and feed from premises, vehicles and enclosures.
2. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean surfaces with soap or detergent by manual, foam, or spray application, rinse with water (or equivalent use dilution) of 150-400 ppm active quat) or 1.36 oz. to 2.72 oz. of Quorum Clear V per 4 gallons of 500 ppm hard water (100 - 200 ppm active quat) solution.
5. Saturate surfaces with a use-solution of 4 oz. of Quorum Clear V per 4 gallons of water (or equivalent dilution) and allow to remain wet for a period of at least 10 minutes. Wet surfaces and allow to remain wet for 10 minutes. Ventilate buildings and other closed spaces. Do not allow to drain or to be removed for 10 minutes. Ventilate buildings and other closed spaces. Allow to dry by re-entering area. Foam area must be washed and replaced daily or when it appears dirty.
6. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as tools, scovels and scrapers used for removing litter from pens, stalls, chutes and other facilities and fixtures. Do not breathe spray. Fresh solution must be prepared daily when the use solution becomes visibly dirty. Any food contact surfaces that have been disinfected must be thoroughly rinsed with potable water. Do not use this product as a disinfectant on glasses, dishes or utensils.

**Poultry and Swine Premise Disinfection:**

1. Remove all food and feed from premises, vehicles and enclosures as soon as the premises have been vacated.
2. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean surfaces with a detergent and rinse with water. Saturation surface may be used to disinfect hard, non-porous surfaces of food processing equipment, dairy equipment, food and feed, meat and poultry, food and feed, and poultry contact surfaces. The saturation surface must be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to dry. Eggs sanitized with Quorum Clear V shall be subjected to a potable water rinse only if broken immediately for use in the manufacture of immediate egg products. Eggs may be left reasonably dry before casing or breaking. Do not reuse solution for sanitizing eggs.

**DIRECTIONS FOR USE**

**Note:** Only clean, white eggs can be sanitized. Dirty, cracked or punctured eggs cannot be sanitized.

Sanitizing - Non-Porous Gloved Hands: To prevent cross contamination into animal areas and the packaging and storage areas of food plants, dip, soap or pre-spray must be thoroughly washed at plastic, latex or other synthetic rubber gloves, and hand pump sprayers. Scrape waterproof work boots (shoes) and place in solution of 0.34 oz. of Quorum Clear V per 1 gallon of water (200 ppm activequat) or equivalent dilution for 60 seconds prior to entering an animal contact area. Mix 187 ounces of this solution and allow gloved hands to remain wet for at least 60 seconds. Allow air dry. No potable water rinses may be added. Change the solution at least daily when solution appears dirty.

**Hatchery Rooms:** 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 all surfaces with soap or detergent and rinse with water. Close the room off so saturation is confined to the room to be treated. Mix 187 ounces of this product to 2.5 gallons of water and apply by dipping, soaking, spraying or flooding (as appropriate) through the room to assure that all surfaces are thoroughly wet. A mist respirator must be worn when applying the product. Do not house livestock or equipment until treated areas are dry. Do not allow people or animals to contact or breathe this saturate for a minimum of 2 hours. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturations is to be added in addition to standard cleaning and disinfecting of room and machinery surfaces.

**NOTE:**

FOR MANUALLY OPERATED: Prepare a fresh sanitizing solution as soon as it becomes diluted or soiled.