



MANUFACTURER'S INSTRUCTIONS

Active Ingredient:	Sodium Hypochlorite	*0.25%
	Hypochlorous Acid	*0.25%
Other Ingredients:		99.50%
Total:		100.00%

*Contains >5000ppm Free Available Chlorine (FAC)

Keep Out Of Reach Of Children
CAUTION
See Precautionary Statements

Net Content: 1,5,30,55,275 or 330 gallon(s)

AQUAOX Sanitizer Disinfectant 5000 is a mixed oxidant solution produced by passing an aqueous saline solution (brine) through 1 or more electrolytic cells.

AQUAOX Sanitizer Disinfectant 5000 is produced at 7.5 pH, where the antimicrobial agent contains equally Hypochlorous Acid and Sodium Hypochlorite. The mixed oxidant solution kills bacteria, fungi, molds, viruses and spores.

AQUAOX Sanitizer Disinfectant 5000 properties are closely controlled by controlling the voltage and the current to the electrolytic cell(s), brine conductivity, temperature and flow rate through the cells as well as the pH of the mixed oxidant solution generated in the cell(s).

AQUAOX Sanitizer Disinfectant 5000 freezes at 32°F and boils at 212°F. It is a colorless and aqueous solution with a slight chlorine or ozone odor.

After production, **AQUAOX Sanitizer Disinfectant 5000** must be stored in a closed plastic container in a cool and dark area away from direct sunlight.

AQUAOX Sanitizer Disinfectant 5000 must be used within 30 days after production OR must be tested with Chlorine Test Kit provided by AQUAOX. **DO NOT USE PRODUCT** when Chlorine concentration is below 4500ppm.

SPECIFIC DIRECTIONS FOR USE

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

Sanitation of restaurants and taverns

Aquaox Sanitizer disinfectant 5000 is a highly effective, economical and convenient germicide for use in restaurants and taverns.

To sanitize pails, dustpans, garbage cans brushes, mops and brooms: Soak in **Aquaox Sanitizer Disinfectant 5000** for 5 minutes. Drain-dry.

To [sanitize and] disinfect worksurfaces: After each use scrub with hot suds, rinse with cold water. Prepare a 250ppm solution and wet surfaces for 2 minutes. Rinse with water and let air-dry.

To sanitize dishes, glassware and utensils: Wash thoroughly. Prepare a 250ppm solution and soak for 2 minutes. Drain-dry.

To [clean and] sanitize refrigerators, freezers, ice cream machines: Flush with warm water until water runs clean. Then scrub or pressure-spray a 500ppm solution. Rinse with clean cold water. Wipe inside surfaces with microfiber cloth immersed in 250ppm solution. Sanitize ice cream machine with 250ppm solutions and drain-dry immediately before use.

To [clean] and sanitize dishcloths: First wash sink and rinse dishcloths in hot suds. Drain out suds. Then fill sink with 1000ppm solution and let stand 5 minutes. Swish dishcloths in this solution. Then rinse sink and dishcloth with cold water.

Removing mold and mildew, patio moss and mildew stains.

Aquaox Sanitizer Disinfectant 5000 is effective against mold, Athlete's Foot Fungus [*Trichophyton mentagrophytes*] and mildew [*Aspergillus nigar*].

To [remove and] disinfect mold and mildew on hard, non-porous surfaces: First clean surface by removing loose dirt, debris and food materials. Thoroughly wet surface with solution and allow it to remain on surfaces for 5 minutes. Scrub and rinse surface. Let air-dry. Repeat, if necessary, on heavenly soiled surfaces

Sanitation in care of livestock, horses, pets

To [Clean and] Disinfect barns, stables hutches, kennels, loading and hauling equipment, feeders and drinking water containers: Remove all litter, loose dirt and debris. Mix 1oz [powdered] detergent with each gallon

of **AQUAOX Sanitizer Disinfectant 5000** until detergent is dissolved. Using the solution, scrub and pressure-spray all surfaces. Let stand for 5 minutes. **DO NOT LET ANIMALS DRINK THIS SOLUTION.** Rinse with clean, cold water. Let surfaces air-dry before housing animals.

Dairy and Creamery Equipment Sanitation

Aquaox Sanitizer Disinfectant 5000 is effective a sanitizer of milk utensils, containers and equipment. This product dissolves milk solids and other protein material and is a quick and effective deodorizer. An exposure period of at least 2 minutes to a 250ppm strength solution must be maintained when the solution temperature is 75F. Use chlorine test strips to adjust solution to desired strength. Before sanitizing using a 250ppm solution, clean milk deposits or other organic matter. A sharp decline in the available chlorine content of the solution following circulation through the milk processing equipment is evidence of inadequate cleaning of the equipment.

To [Clean and] sanitize teat-cups: Prepare a 250ppm solution and submerge cups into this solution for 2 minutes before transferring them from one to another cow. **To sanitize milk bottles:** clean and rinse. Then immerse for 5 minutes in a 250ppm solution. Drain-dry.

To [Clean and] sanitize, milking machines and utensils: Immediately after milking, flush with clean, lukewarm water. Dismantle equipment and wash it. Prepare a solution of 1oz [powdered] detergent with each gallon of a 250ppm strength solution diluting the **AQUAOX Sanitizer Disinfectant 5000** with drinking water. Water temperature should be 100-130F. Rinse with clean, cold water. Let surfaces air-dry.

To [Clean and] sanitize, Bulk storage tanks, dairy pipelines, transfer stations, separators, strainers, pails, churns, pasteurizers: immediately after emptying milk, flush surfaces with lukewarm water until water runs completely clear. Prepare a solution of 1oz [powdered] detergent with each gallon of a 250ppm strength solution diluting the **AQUAOX Sanitizer Disinfectant 5000** with drinking water. Water temperature should be 100-130F. Rinse with clean, cold water. Let surfaces air-dry.

Food Egg Sanitation and Poultry Care

To sanitize food eggs: Thoroughly clean all eggs. Prepare a 250ppm solution and wet surfaces. Allow the eggs to fully dry before casing or breaking. Do NOT apply a potable water rinse.

To [clean and] disinfect poultry houses, brooders and hatcheries: Remove loose dirt, litter and debris. Mix 1oz [powdered] detergent with each gallon of **AQUAOX**

Sanitizer Disinfectant 5000 until detergent is dissolved. Using the solution, scrub and pressure-spray all surfaces. Let air-dry

Swine care

To [clean and] disinfect hog houses and farrowing houses: Remove loose dirt, litter and debris. Mix 1oz [powdered] detergent with each gallon of **AQUAOX Sanitizer Disinfectant 5000** until detergent is dissolved. Scrub and pressure-spray all surfaces. Let air-dry.

Fish, ponds and Equipment

Fish ponds: Remove fish from ponds prior to treatment. Add **Aquaiox Sanitizer disinfectant 5000** to the pond to obtain 10ppm free available chlorine. Return fish to pond when the available chlorine level reached zero.
Equipment: Soak equipment in a 250ppm solution for 1 hour. **Control of scavengers:** Prepare a 250ppm solution and pour into drain pond potholes Repeat if necessary.
Live oysters, shrimps: Expose oysters and shrimps to a 0.5ppm solution for at least 15minutes. Add more Aquaiox Sanitizer Disinfectant 5000 to avoid that chlorine does not fall below 0.05ppm. Repeat treatment.

Crop/site treatment

To aid in the prevention of asparagus root rot (*Fusarium oxysporium* and *F. asparagi*): Wash seed in **Aquaiox Sanitizer Disinfectant 5000** for 40 minutes, providing continuous agitation. After washing seed, spread and air-dry. Use 1 gallon of solution per pound of seed. Do not use treated seeds for food or feed. Allow to dry before storing, planting or treatment with other chemicals. Prepare fresh solution for each batch of seed.

To aid in the prevention and control of bacterial cancer [*Corynebacterium michiganese*] and Tobacco mosaic virus [TMV]: Soak seed in **Aquaiox Sanitizer Disinfectant 5000** for 2 hours. Then drain solutions and replace with fresh water. After washing seed, spread and air-dry. Use 1 gallons of solution per pound of seed. Do not use treated seeds for food or feed. Allow to dry before storing, planting or treatment with other chemicals. Prepare fresh solution for each batch of seed

To aid in the prevention of bacterial spot [*Xanthomonas vesicatoria*.]: Soak seed in **Aquaiox Sanitizer Disinfectant 5000** for 2 hours. Then drain solutions and replace with fresh water. After washing seed, spread and air-dry. Use 1 gallons of solution per pound of seed. Do not use treated seeds for food or feed. Allow to dry before storing, planting or treatment with other chemicals. Prepare fresh solution for each batch of seed.

To treat *Vericillium wilt* organism [*V. Albo-atrum*] on seed potatoes: Spray freshly cut seed potatoes from the top and bottom of the cutting chain with series of nozzles with **Aquaiox Sanitizer Disinfectant 5000**. Plant within hours of the cutting and treatment.

To treat plant parasitic nematodes, plant-disease-causing fungi and general surface disinfection on Decidious Fruit Tree Nursery Stock: Prepare a 1000ppm strength solution diluting the **AQUAOX Sanitizer Disinfectant 5000** with drinking water. Thoroughly clean all soil from roots. Dip entire tree root system in the solution for 1 minute. Rinse tree root system with clean water. Immerse equipment and tools for 5 to 10 minutes in the solution.

To control the spread of *Phytophthora Lateralis*, *Phytophthora Ramorum* [cause of sudden oak death] in forests: Water is commonly drafted from streams and fire ponds within forested areas to use in dust abatement. Treating infested water prior to use helps control the spread of *Phytophthora* pathogens. Prepare a 50ppm strength solution adding **AQUAOX Sanitizer Disinfectant 5000** to drafted water.

To treat *Tilletia indica* [Karnal bunt]: Tools, conveyors, farm equipment, seed conditioning or milling equipment, soil moving equipment, or grain elevators and structures used for storing and handling grain. Prior to treatment, remove all soil and plant debris. Wet all surfaces potentially exposed to the pathogen with **AQUAOX Sanitizer Disinfectant 5000** and let air-dry. Immerse seeds for a period of at least 2 minutes in **AQUAOX Sanitizer Disinfectant 5000**. Drain dry and re-pack original moisture content.

STORAGE AND DISPOSAL

Small packages (5 gallons or less):

Container Handling: Non-refillable rigid container. Do not reuse or refill this container. Triple-rinse container (or equivalent) promptly after emptying. Triple-rinse as follows: Empty the remaining contents into the application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Full the container ¼ with water and recap. Shake for 10 seconds. Pour rinsate contents into the 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 2 more times. Then offer for recycling or reconditioning if available or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay clear of smoke.

Container Handling: Refillable container. Refill this container with **AQUAOX Sanitizer Disinfectant 5000** only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Cleaning the container before final disposal is the responsibility of the person disposing the container. To clean the container before final disposal, empty the remaining contents into the application equipment or a mix tank. Agitate vigorously or recirculate water with the pump for 2 minutes. Dispose of rinsate as pesticide waste. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by procedures allowed by state and local authorities.

PRECAUTIONARY STATEMENTS

Physical or Chemical Hazards: **AQUAOX Sanitizer Disinfectant 5000** is not compatible with other chemicals such as acids and hydrogen peroxide.

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Avoid contact with eyes. When handling the product, wear safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center, doctor or going for treatment. You may also contact the National Pesticide Information Center (NPIC) 1-800-858-7378 for emergency medical treatment information.

If in eyes	<ul style="list-style-type: none">• 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.
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Manufactured by: Aquaiox, LLC.
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Lot Number: _____

Production Date: _____