



Aquaox Disinfectant 525

ACTIVE INGREDIENT:	
Hypochlorous Acid	0.0525%
OTHER INGREDIENTS:	99.9475%
Total:	100.0000%
Contains >525ppm Free Available Chlorine (FAC)	

Container Size: 2 oz, 3.4 oz, 8 oz, 16 oz, 32 oz, 1 gal

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

Physical or Chemical Hazards: Aquaox Disinfectant 525 is not compatible with other chemicals such as acids and hydrogen peroxide.

Aquaox Disinfectant 525 is a Hypochlorous Acid solution produced by passing an aqueous saline solution (brine) through 1 or more electrolytic cells. The current within the electrolytic cell(s) splits the sodium chloride compound into two separate fluids. One fluid is Hypochlorous Acid, a powerful oxidizing agent exhibiting antimicrobial properties.

Aquaox Disinfectant 525 is produced at a near neutral pH, (approximately pH 6.5) where the predominant antimicrobial agent is Hypochlorous Acid, an efficient and efficacious species of chlorine. Hypochlorous Acid kills bacteria, fungi, molds, viruses and spores.

Aquaox Disinfectant 525 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 the pH of the Hypochlorous Acid generated in the cell(s).

Aquaox Disinfectant 525 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 Disinfectant 525** must be stored in a closed plastic container in a cool and dark area away from direct sunlight.

Aquaox Disinfectant 525 is intended to be used soon after being produced.

Aquaox Disinfectant 525 must be used within 30 days after production OR product must be tested with chlorine test kit provided by Aquaox. DO NOT USE PRODUCT when Chlorine concentration is below 473ppm.

Special Instructions for Using Aquaox Disinfectant to Clean and Decontaminate Against HIV on Hard, Non-Porous Environmental Surfaces Soiled with Blood/Body Fluids.

This product kills HIV-1 on pre-cleaned hard, non-porous environmental surfaces previously soiled with blood/body fluids in healthcare settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces with blood or body fluids, and in which the surfaces likely to be soiled with blood or body fluid can be associated with the potential for transmission of Human Immunodeficiency Virus type 1 (HIV-1) (associated with AIDS).

Personal Protection: When handling items soiled with blood or body fluids, use appropriate barrier protection such as disposable latex gloves, gowns, masks, and eye coverings.

Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from surfaces and other objects before applying this product.

Pathogen	Strain
Pseudomonas aeruginosa	ATCC 15442
Staphylococcus aureus	ATCC 6538
Staphylococcus aureus (HA-MRSA)	ATCC 33591
Swine Influenza Virus (H1N1)	ATCC VR-333
Escherichia coli (NDM)	ATCC BAA-2469
Vancomycin Resistant Entewrococcus faecium (VRE)	ATCC 700221
Human Immunodeficiency Virus Type 1 (HIV-1)	Mn; ZeptoMetrix #0810027CF
Mycobacterium bovis (BCG)	ATCC 35734
Salmonella enterica	ATCC 10708
Human Corona Virus	299E, ATCC VR-740

Emerging Viral Pathogen Claims

This product qualifies for emerging pathogen claims against:

- Enveloped viruses

For an emerging viral pathogen that is an **enveloped virus**, follow the directions for use for the following organisms on the label:

- Swine Influenza Virus (H1N1)
- Human Immunodeficiency Virus Type 1 (HIV-1)
- Human Corona Virus

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

FOR INDUSTRIAL AND COMMERCIAL USE PACKAGES:

Pesticide Storage: Store in a closed dark plastic container in cool, dry area away from heat and sunlight. Do not store with easily oxidizable materials, acids and reducers. In case of spill, isolate container (if possible) and flood area with large amounts of water to dissolve all material before discarding this container in trash.

Emergency Handling: In case of contamination or decomposition, do not reseal container. Isolate in open, well-ventilated area. Flood with large volume of water. Cool unopened containers in vicinity by water spray.

Pesticide Disposal: Pesticide wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. 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 EPA Regional Office for guidance.

Container Handling: Refillable container. Refill this container with **Aquaox Disinfectant** 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 of the container. To clean the container before final disposal, empty the remaining contents into 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.

DIRECTIONS FOR USE

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

Hard, Non-Porous Surface Disinfection To [Clean and] Disinfect [and Deodorize] Hard, Non-Porous Surfaces:

For heavily soiled areas, a preliminary cleaning is required. Apply [Wipe, Spray or Dip] **Aquaox Disinfectant** to hard, non-porous surfaces with a cloth, wipe, mop, sprayer, sponge or a spray applicator. Treated surfaces must remain wet for 10 minutes. Allow surfaces to air dry. Do not use on utensils, glasses or dishes.

Follow the instructions below when applying with a spray applicator for hard, non-porous surface disinfection: (1) Remove disinfectant liquid at or over 1-week-old from the liquid storage tank; (2) Fill the empty liquid storage tank with fresh **Aquaox Disinfectant 525** liquid; (3) Turn on the power on the main electrical switch; (4) Pull out the spray gun and point towards the target area to be sprayed; (5) Press the sprayer button and start spraying at a recommended distance of between 1 ½ - 4 ft. from the target area; (6) When applying to a large, hard, non-porous surface, use a recommended motion of a 3-ft., side-by-side motion. Allow an overlap of 50% of the sprayed area when spraying from the top to the bottom, and an overlap of 10% when spraying adjacent areas; (7) Sprayed surfaces must remain wet for 10 minutes. Allow surfaces to air dry. Do not use on utensils, glasses or dishes.

This product is not to be used as a terminal sterilant / high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

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