



# Safety Data Sheet

## AQUAOX DISINFECTANT 525

### SECTION I – IDENTIFICATION

Product Name: Aquaiox Disinfectant 525 | Product Number: AX525  
Product Description: Hypochlorous Acid Solution Generated Electro-Chemically from Diluted Brine  
CAS Number: None (Mixture)  
Recommended Use: This product is a ready-to-use, one-step cleaner and disinfectant for general cleaning and disinfecting on hard, non-porous surfaces.  
Restricted Use: This product is not for human or animal use.  
Manufacturer: Aquaiox LLC  
Address: 17355 Hamlin Blvd., Loxahatchee, Florida 33470, USA  
Number: (800) 790-7520 | Chemtrec Emergency Number: (800)-424-9300

### SECTION II – HAZARDS IDENTIFICATION

#### HMIS Rating:

- Health = 0
- Flammability = 0
- Physical = 0
- Reactivity = 0

#### NFPA/HMIS Definitions

- 0 = Minimal Hazard
- 1 = Slight Hazard
- 2 = Moderate Hazard
- 3 = Serious Hazard
- 4 = Severe Hazard

Personal Protection Index: A

#### Hazard Information Disclosures:

TSCA: All chemicals in this product are listed on the EPA TSCA inventory list.  
CERCLA / SARA: This product does not fall under any hazardous categories under SARA Sections 311 and 312.  
OSHA: This product is not a hazardous chemical as defined by the OSHA Hazard Communication Standard, 29 CFR § 1910.1200.

#### Product Label on Hazard Information:

- Avoid Contact with Eyes
- Wash Hands after Handling Product
- Keep out of Reach of Children

### SECTION III – COMPOSITION AND INFORMATION ON INGREDIENTS

Component(s)	CAS #
Water	7732-18-5
Hypochlorous Acid	7790-92-3

The product contains approximately 575 ppm free available chlorine (FAC).

### SECTION IV – FIRST-AID MEASURES

Eye Contact: Flush eyes with running water for at least 15 minutes with eyelids open.

### SECTION V – FIRE-FIGHTING MEASURES

Not Applicable, this product is Non-Flammable and Non-Explosive. No extinguishing techniques or equipment are required.

### SECTION VI – ACCIDENTAL RELEASE MEASURES

In case of spill or leakages, dike spill with inert absorbent materials (e.g. sand, "oil-dry" or other commercially spill absorbents) to contain and soak spilled liquid. Place wastes into an appropriate waste disposal container.

### SECTION VII – HANDLING AND STORAGE

Handling: No special handling requirements; follow use instructions on product label. Open air or good room ventilation and appropriate PPE are adequate for the safe use of this product.

Storage: Keep container tightly closed in a dry and well-ventilated place at room temperature. Avoid direct light exposure, freezing and extreme heat.

### SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

OSHA PEL: Unknown. Cal/OSHA PEL: Unknown.  
NIOSH REL: Unknown. ACGIH TLV: Unknown.  
Engineering Control: None Required. Open air or good room ventilation is adequate for the safe use of this product.

#### Personal Protective Equipment (PPE):

Respiratory Protection: Not necessary as long as there is adequate ventilation.  
Protective Clothing: Not required under normal conditions of use.  
Hand Protection: Not required under normal conditions of use.  
Eye Protection: Not necessary, but good manufacturing practice recommends the use of chemical safety glasses or goggles for all applications involving chemical handling.

### SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear
Odor:	Slight Chlorine Odor
pH:	6.2 - 7.0
Specific Gravity (H <sub>2</sub> O = 1 at 20°C):	1.00 – 1.06
Density:	8.34 lbs/gal
Viscosity:	Comparable to Water
Boiling Point:	Comparable to Water
Evaporation Rate:	Comparable to Water
Solubility:	Complete in Water
Flammability:	Non-Flammable
Explosive Limits:	Non-Explosive

### SECTION X – STABILITY AND REACTIVITY

Reactivity: Not Reactive under recommended handling and storage conditions.  
Chemical Stability: Stable under recommended handling and storage conditions.  
Hazardous Reactions: Product is Not Hazardous.  
Conditions to Avoid: Direct light exposure, freezing and extreme heat.  
Materials to Avoid: Strong oxidizing agents, strong acids and organic materials.  
Hazardous Decomposition Products: May form under fire conditions; nature of decomposition products is unknown.  
Hazardous Polymerization: Will not occur.

### SECTION XI – TOXICOLOGICAL INFORMATION

Route of Entry / Exposure: Skin Contact Eye Contact  
Inhalation Ingestion

#### Potential Acute Health Effects:

Skin Contact: No potential health effects; product is non-hazardous.  
Eye Contact: No potential health effects; product is non-hazardous.  
Inhalation: No potential health effects; product is non-hazardous.  
Ingestion: No potential health effects; product is non-hazardous.

#### Potential Chronic Health Effects:

Carcinogenic Effects:	Not Applicable	Mutagenic Effects:	Not Applicable
Teratogenic Effects:	Not Applicable	Developmental:	Not Applicable

Numerical Measures of Toxicity: Unknown.

Preparation Date of Latest Revision: July 1, 2020