

# **AQUAOX SAFETY DATA SHEETS**

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AQUAOX 275

AQUAOX 525



# Safety Data Sheet

## AQUAOX DISINFECTANT 275

### SECTION I – IDENTIFICATION

Product Name: Aquaiox Disinfectant 275 | Product Number: AX275  
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.

Distributor: Waverly Industries  
Address: 145 W Shore Dr Culver, IN 46511  
Number: (800) 800-925-7052



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

This section intentionally left blank

Personal Protection Index: B (Eye Protection and Gloves)

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**

<u>Component(s)</u>	<u>CAS #</u>
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: Check for and remove any contact lenses. Flush eyes with running water for at least 15 minutes with eyelids open. Cold water may be used. Seek medical attention if eye irritation occurs.

**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

<u>Route of Entry / Exposure:</u>	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
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Teratogenic Effects:	Not Applicable	Developmental:	Not Applicable
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Numerical Measures of Toxicity: Unknown.

Preparation Date of Latest Revision: June 1, 2020 –

Waverly Industries



# 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.

Distributor: Waverly Industries  
Address: 145 W Shore Dr Culver, IN 46511  
Number: (800) 800-925-7052



Manufacturer: Aquaiox LLC  
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Personal Protection Index: B (Eye Protection and Gloves)

Hazard Information Disclosures:

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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**

<u>Component(s)</u>	<u>CAS #</u>
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: Check for and remove any contact lenses. Flush eyes with running water for at least 15 minutes with eyelids open. Cold water may be used. Seek medical attention if eye irritation occurs.

**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.

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<u>Route of Entry / Exposure:</u>	Skin Contact	Eye Contact
	Inhalation	Ingestion

### Potential Acute Health Effects:

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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
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Teratogenic Effects:	Not Applicable	Developmental:	Not Applicable
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Numerical Measures of Toxicity: Unknown.

Preparation Date of Latest Revision: June 1, 2020 –

Waverly Industries