



Safety Data Sheet AQUAOX SANITIZER 150

SECTION I – IDENTIFICATION

Product Name: Aquaiox Sanitizer 150 | Product Number: AX150
Product Description: Hypochlorous Acid Solution Generated Electro-Chemically from Diluted Brine
Container Size: 275 Gallons 30 Gallons
5 Gallons 1 Gallon
CAS Number: None (Mixture)
Recommended Use: This product is a ready-to-use, one-step cleaner and sanitizer for general cleaning and sanitizing hard, non-porous surfaces.
Restricted Use: This product is not for human or animal use.
Manufacturer: Aquaiox LLC
Address: 17355 Hamlin Blvd, Loxahatchee, FL 33470
Number: (800) 790-7520
Chemtrec Emergency Number:(800)-424-9300

SECTION II – HAZARDS IDENTIFICATION

The following values are obtained using the guidelines prepared by the National Fire Protection Association (NFPA) and the American Coatings Association.

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: N/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:

- Keep out of Reach of Children

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SECTION III – COMPOSITION AND INFORMATION ON INGREDIENTS

| Component(s) | CAS # |
|---------------------|-----------|
| Water | 7732-18-5 |
| Hypochlorous Acid | 7790-92-3 |
| Sodium Hypochlorite | 7681-52-9 |
| Sodium Chloride | 7647-14-5 |

The product contains approximately 150ppm free available chlorine (FAC).

SECTION IV – FIRST-AID MEASURES

Eye Contact: Check for and remove any contact lenses. Flush eyes with running water. Cold water may be used. Seek medical attention if eye irritation occurs.

Ingestion: If swallowed, rinse mouth with water and drink plenty of fluids. Seek medical attention if discomfort 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

Not Applicable. Product is bio-degradable and eco friendly.

SECTION VII – HANDLING AND STORAGE

Handling: No special handling requirements.

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

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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):

Protective Clothing: Not required.
Hand Protection: Nor required.
Eye Protection: Not required.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

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

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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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.

SECTION XII – ECOLOGICAL INFORMATION

Product presents no hazards to the environment. Product is bio-degradable and eco-friendly.

SECTION XIII – DISPOSAL CONSIDERATIONS

Follow disposal instructions on product label. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the EPA Regional Office for guidance.

SECTION XIV – TRANSPORT INFORMATION

DOT: Not DOT regulated. No DOT label required.
IATA: Not dangerous good.
IMDG: Not dangerous good
OSHA: No label required.

SECTION XV – REGULATORY INFORMATION

See “Hazard Information Disclosures” under Section II.

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SECTION XVI – OTHER INFORMATION

Preparation Date of Latest Revision: March 2, 2016

Disclaimer:

This Safety Data Sheet (SDS) was prepared in accordance with the provisions and requirements of 29 CFR § 1910.1200(g) and discloses the physical and health hazards of all hazardous chemicals contained in the product described in this SDS. Unless otherwise noted, this SDS does not describe or disclose all of the chemicals/components in the product, some of which may be Trade Secrets.

The information included in this SDS is based on data developed or compiled by Aquaiox from open literature, independent laboratory studies, and other available scientific evidence, and is believed to be accurate and complete to the best of our knowledge. However, Aquaiox makes no warranty with respect thereto. Anyone intending to use the product described in this SDS should satisfy herself that the Product (1) is suitable for their particular purposes and intended uses, and (2) meets any safety and health standards applicable thereto. It is the obligation of each user of the product described in this SDS to determine and comply with all statutes, local, state and federal requirements, which are applicable to its use, storage and disposal.

Abbreviations:

| | |
|-------------|---|
| ACGIH: | American Conference of Industrial Hygienists |
| CAL/OSHA: | California Division of Occupational Safety and Health |
| CAS Number: | Chemical Abstracts Service Register Number |
| CERCLA: | Comprehensive Environmental Response Compensation and Liability Act |
| DOT: | Department of Transportation |
| EPA: | Environmental Protection Agency |
| GRAS: | Generally Recognized as Safe |
| HMIS: | Hazardous Materials Identification System |
| IATA: | International Air Transport Association |
| IMDG: | International Maritime Dangerous Goods |
| NA: | Not Applicable |
| NIOSH: | National Institute for Occupational Safety and Health |
| OSHA: | Occupational Safety and Health Administration |
| PEL: | Permissible Exposure Limits |
| REL: | Recommended Exposure Limits |
| SARA: | Superfund Amendment and Reauthorization Act of 1986 |
| TLV: | Threshold Limit Values |
| TSCA: | Toxic Substances Control Act of 1976 |