



Safety Data Sheet

pHur™ DISINFECTANT

SECTION I – IDENTIFICATION

Product Name: pHur™ Disinfectant
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: Aquaox LLC
Address: 17815 Skypark Circle, Unit A, Irvine, CA, 92614 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: 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 and Skin
- 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
Sodium Hypochlorite	7681-52-9
Sodium Chloride	7647-14-5

The product contains approximately 300 ppm free available chlorine (FAC).

SECTION IV – FIRST-AID MEASURES

Skin Contact: In case of contact, flush with plenty of water. Cold water may be used. Wash clothing before reuse. Seek medical attention if skin irritation occurs.
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.
Inhalation: If inhaled, remove to fresh air. Seek medical attention if not breathing or breathing is difficult.
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

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 ₂ 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: January 8, 2018