



PureSEEN Hawama Co. Ltd

Tel: +962791211555

Info@pureseen.com

AquaSEEN™ The Natural Disinfectant Solution

Technical Sheet: Applications, Benefits & Mode of Use

PRODUCT Name: AquaSEEN™ The Natural Disinfectant Solution.

Chemical Name: Electrochemically Activated Neutral Anolyte
Common name: Neutral Anolyte
Product Type: Surface and Multipurpose Disinfectant

Composition:

| Ingredient: | CAS-No. | Weight / % Volume | Symbols |
|--------------------|-----------|----------------------|------------------|
| Water: | 7732-18-5 | 99.95% | H ₂ O |
| Hypochlorous Acid: | 7790-92-3 | 0.05% | HOCL |

AquaSEEN™ The Natural Disinfectant Solution, A Comprehensive Natural Disinfection Solution

AquaSEEN™ The Natural Disinfectant Solution is a broad-spectrum antimicrobial that eliminates 99.999% of harmful bacteria, viruses, molds, and yeasts (wild strains) and achieves a degree of disinfection that cannot be achieved with traditional chemicals. AquaSEEN™ The Natural Disinfectant Solution can be safely used in a wide range of applications requiring total disinfection.

AquaSEEN™ The Natural Disinfectant Solution Features

What makes AquaSEEN™ The Natural Disinfectant Solution an ideal disinfection solution for your facility?

- AquaSEEN™ The Natural Disinfectant Solution is biodegradable, highly efficacy, non-toxic, and non-corrosive with no remaining residues.
- AquaSEEN™ The Natural Disinfectant Solution is an eco-friendly disinfectant with zero side effects.
- AquaSEEN™ The Natural Disinfectant Solution is effective against bacteria, viruses, yeasts, molds, and biofilm.
- AquaSEEN™ The Natural Disinfectant Solution is free rinsing (No rinse).
- AquaSEEN™ The Natural Disinfectant Solution is Ideal with HACCP.



AquaSEEN™ The Natural Disinfectant Solution Applications

- AquaSEEN™ The Natural Disinfectant Solution has many applications in various facilities, effectively eliminating 99.99% of microorganisms, including viruses (such as coronavirus, influenza virus, and norovirus), bacteria (such as Salmonella, E. coli, Coliform, Staphylococcus aureus, and Pseudomonas), yeast, and molds.
- AquaSEEN™ The Natural Disinfectant Solution can be used for the disinfection of general surfaces, including floors and walls, for tools and different equipment disinfection, high-contact surfaces, critical surfaces, and medical surfaces.
- AquaSEEN™ The Natural Disinfectant Solution can be used for food-contact surfaces disinfection and is compatible with CIP systems.
- AquaSEEN™ The Natural Disinfectant Solution is an ideal solution for air disinfection and deodorization.
- AquaSEEN™ The Natural Disinfectant Solution can be used in various facilities, including:
 - ❖ Food Manufacturing Facilities.
 - ❖ Healthcare Facilities.
 - ❖ Pharmaceutical Manufacturing Factories.
 - ❖ Hospitality Facilities, including restaurants and hotels.

Mode of Use

The way AquaSEEN™, The Natural Disinfectant Solution, is used varies from facility to facility.

Surface Disinfection:

- Use AquaSEEN on a clean surface.
- Dilute AquaSEEN with distilled water or RO water, at a dilution ratio range up to 1:100.
- Apply the diluted AquaSEEN directly to the surface requiring disinfection by spray or wipe.
- AquaSEEN is free-rinsing.
- When using AquaSEEN, bacterial disinfection will be achieved within 3 minutes, and total disinfection (of yeasts and molds) will be achieved within 7 minutes.
- Do not mix AquaSEEN with any other substances or compounds, as it may affect the quality of the solution.
- For dilution. Non-heated water can be used.

CIP Disinfection:

- AquaSEEN is an ideal solution for CIP disinfection at a dilution ratio of 1:100.

Air Disinfection:

- AquaSEEN can be used with various air disinfection systems, including fogging systems.
- For non-closed areas, it can be diluted up to a ratio of 1:100, while for closed areas, a dilution ratio of 1:10 to 1:50 is recommended.



OSHA recommends choosing the least hazardous disinfection solution

- Product Identification: AquaSEEN™ The Natural Disinfectant Solution is made of HOCL (non-dangerous component).
- Hazard Identification: No hazard expected under normal conditions of use.
- First Aid Measures: AquaSEEN™ The Natural Disinfectant Solution does not cause poisoning, dermal, or eye irritation.
- Fire-Fighting Measures: AquaSEEN™ The Natural Disinfectant Solution is a non-flammable product.
- Handling and Storage: AquaSEEN™ The Natural Disinfectant Solution is stored away from direct sunlight.
- Personal Protection: PPE is not required.
- Improper use or dilution may result in altered product performance and may increase the risk of health effects.
- No special disposal is required. Rinse with water and dispose of down the drain in accordance with local regulations.



Regulatory and other safety information

TSCA No. All active ingredients in this product are listed on the EPA TSCA Inventory List

CERCLA/SARA: This product has been reviewed according to the EPA "Hazard Categories" under Sections 311 and 312 of SARA. It does not fall into any listed category and poses no risk of immediate Acute) health hazard, delayed (chronic) health hazard, or sudden release of pressure, and is not reactive (29CFR 1910.1200).

OSHA Hazard Communication Standard: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

WHMIS Classification: This product is not controlled under the WHMIS Controlled Products Regulations (CPR).

Other Information

AquaSEEN™ Neutral Anolyte Disinfectant is not a chemical but is a solution made from all-natural ingredients, which is nontoxic and non-hazardous, therefore not subject to WHMIS Controlled Products Regulations (CPR).

AquaSEEN™ Neutral Anolyte Electrolyzed Water is made by passing an electric current through a solution of water and a small amount of salt in a process known as electrolysis. AquaSEEN™ Neutral Anolyte is composed of HOCL generated in the water electrochemically.

NFPA Rating

| NFPA health hazard | NFPA fire hazard | NFPA reactivity | NFPA Specific Hazard |
|--------------------|------------------|-----------------|----------------------|
| 0 - None | 0 - None | 0 - None | 0 - None |

HMIS Rating

| Health | Flammability | Physical | Personal Protection |
|----------|--------------|----------|---------------------|
| 0 - None | 0 - None | 0 - None | A - Splash goggles |

