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AquaSEEN™ Food Grade Disinfectant

Technical Sheet: Applications, Benefits & Mode of Use

PRODUCT Name: AquaSEEN™ Food Grade Disinfectant

Chemical Name: Electrochemically Activated Neutral Anolyte

Common name: Neutral Anolyte

Product Type: Food 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™ Food Grade Disinfectant: A Comprehensive Natural Disinfection Solution

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

AquaSEEN™ Food Grade Disinfectant Features

What makes AquaSEEN™ Food Grade Disinfectant an ideal disinfection solution for your Food facility?

- AquaSEEN™ Food Grade Disinfectant is biodegradable, non-toxic, non-corrosive, and free of residue.
- AquaSEEN™ Food Grade Disinfectant is eco-friendly with zero side effects.
- AquaSEEN™ Food Grade Disinfectant eliminates all foodborne diseases.
- AquaSEEN™ Food Grade Disinfectant assists in improving the qualities of products and extending shelf life.
- AquaSEEN™ Food Grade Disinfectant is Ideal with HACCP.



AquaSEEN Food Grade Disinfectant Applications

AquaSEEN™ Food Grade Disinfectant has many applications in various food facilities, effectively eliminating 99.99% of microorganisms, including viruses, bacteria (such as Salmonella, E. coli, Coliform), and mold. AquaSEEN Food Grade Disinfectant can be used for the disinfection of food, food contact surfaces, CIP, and feeding areas. AquaSEEN can be used to disinfect:

- Fruits and Vegetables.
- Meat and Chicken products.
- Seafood.
- Dairy Products.
- Baked products.
- Nuts and Grains.
- Canning Products.

Mode of Use

The use of AquaSEEN™ Food Grade Disinfectant varies depending on the type of food product.

- AquaSEEN Food Grade Disinfectant can be used directly as a food contact-safe substance disinfectant following different ratios and different application methods, including spraying, washing, dipping, chiller water, and scalding.

Food Contact Surface Disinfection:

- Use AquaSEEN Food Grade Disinfectant on a clean surface.
- Dilute AquaSEEN Food Grade Disinfectant with distilled or RO water, at a recommended dilution ratio 1:50.
- Apply the diluted AquaSEEN Food Grade Disinfectant directly to the food contact surface requiring disinfection by spray or wipe.
- AquaSEEN Food Grade Disinfectant is free-rinsing.
- When using AquaSEEN Food Grade Disinfectant, 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 Food Grade Disinfectant with any other substances or compounds, as it may affect the quality of the solution.
- Please contact the manufacturer to receive the recommended dilution ratio for your food disinfection application.

OSHA recommends choosing the least hazardous disinfection solution

- Product Identification: AquaSEEN™ Food Grade Disinfectant is made of HOCL (non-dangerous component).
- Hazard Identification: No hazard expected under normal conditions of use.
- First Aid Measures: AquaSEEN™ Food Grade Disinfectant does not cause poisoning, dermal or eye irritation.
- Fire-Fighting Measures: AquaSEEN™ Food Grade Disinfectant is a non-flammable product.
- Handling and Storage: AquaSEEN™ Food Grade Disinfectant 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

