

A SYSTEM APPROACH TO SUSTAINABLE CLEANING & DISINFECTING



ELECTROLYZED WATER

Electro-Chemical Activation (ECA) is the generation of safe, effective, environmentally friendly disinfectants and cleaners by passing ordinary water containing dissolved sodium chloride through an electrolytic cell.

BENEFITS

- Proven effect on viruses, bacteria, fungi and algae.
- No building up of resistance.
- Reduces costs.
- Greatly reduces use of conventional agents.
- Lower mortality rate.
- Green.
- Safe and easy to use.
- On-site production.

APPLICATIONS

- Combats bacteria, funguses, viruses and fungal diseases.
- Reduces the germ count in- and removes bacteria, viruses, algae and fungi from all water, (drinking) water systems, surfaces and materials.
- Removes biofilm in water pipes.
- Disinfects (storage) spaces , barns and equipment.
- Disinfects process water.



EW FOR LIVESTOCK

The active component, HOCL, acts non-selectively towards living microorganisms and reacts to any substance that can oxidise. Because of EW's high oxidation capacity, it damages the cell membrane of microorganisms, allowing EW to penetrate the cell. This results in an osmotic overload that causes the cell to burst open and perish.

HOW TO APPLY EW

Add to process water and drinking water • Add dose to the cleaning water •
Misting • Through air-conditioning systems • Sprays

AQUAOX SYSTEMS AGAINST E.G.:

- ✓ Biofilm
- ✓ Pseudomonas
- ✓ Salmonella
- ✓ E. Coli
- ✓ Staphylococcus
- ✓ Legionella
- ✓ Avian virus
- ✓ Influenza virus
- ✓ Streptococcus



PROPERTIES

- No bacteria or spores are resistant to EW.
- No build-up of resistance.
- Does not leave behind any harmful substances or gases.
- Bio-degradable and eco-degradable.
- A residual effect, depending on the organic load in the water.
- Active ingredient: Hypochlorous acid, the most effective, non-harmful component in the range of chlorides.
- More effective than sodium hypochlorite (proven in tests)

DOSAGE

Depending on infection and organic load.

EASY INSTALLATION & OPERATING



SALT QUALITY:

EW can be produced with NACL
NACL: 99% pure tablets (salt for water
softener) EN 973

STORAGE LIFE OF LIQUID

Several months, depending on how it is
stored. It should be stored somewhere
with an average cool temperature in a
closed container, out of the sun. As
with chemical agents, its potency will
diminish slightly but will remain
active over a fairly long period.

AQUA OX®
ONSITE PRODUCTION OF ELECTROLYZED WATER

