OmniLyte™

Innovation for a safer tomorrow.

Anolyte Liquid (Anolyte-it)

PROPERTIES OF ANOLYTE

The properties of anolyte are:

- pH neutral
- Safe for humans, animals, and plants; non-toxic, odorless, and non-corrosive.
- Completely safe for human contact - copies the natural defense mechanisms of the human immune system to kill infectious pathogens.
- Anolyte eliminated all forms of microorganisms - including those who are normally very difficult to kill and have high resistance to chemical attacks - such as pathogens including methicillin-resistant Staphylococcus Aureus (MRSA) and Clostridium Difficile (C. Diff) cells as Cryptosporidium and Guardia, protozoa, such as anthrax spores and Legionella, as well as avian flu viruses and fungi.
- Destroys biofilms - the habitat on surfaces in piping systems in which microorganisms multiply.
- Decays after some time in the initial products of dilute salt solution.
- No occurrence of microbial resistance or mutations.
- Is effective even in low concentrations.
- Multiple uses - water treatment, surface cleaning, special cleaning, wound care.
- Minimal taste, and odor

BIOCIDAL EFFECTIVENESS

Microbial efficacy is usually determined by means of a Suspensions test

- Staphylococcus aureus
- Staphylococcus epidermidis
- Enterococcus hirae
- Escherichia coli
- Pseudomonas aeruginosa
- Bacillus subtilis

Based on studies conducted to date to kill bacteria, fungi, and spores. Compared to other biocides the contact time that is needed to completely eliminate the infectious cells and their capacity for ‘Anolyte' was significantly shorter.

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ANOLYTE EFFECTIVENESS

- Anolyte has been demonstrated to be up to 100 times more effective than sodium hypochlorite.
- Extensive tests have proven that the solution has the power to kill bacteria, viruses, fungi, spores, and microbial toxins.
- Rapidly destroys microorganisms in scale and in biofilm.
- More effective than alternate sanitation chemicals.
- Can be used effectively to protect against bioterrorism.
- Reduces risk mitigation.
- Allows for the marketability of a “clean” facility
- Completely safe, non-harmful, green product using only natural ingredients.
- More effective sanitization than Chlorine alone.

BIOCIDAANOLYTE EFFICIENCYAL EFFECTIVENESS

- The elimination of hazardous chemicals translates into reductions in regulatory paperwork, safety training requirements, safety inspections, and liability exposure.
- Eliminates the need to monitor for chlorine dioxide residuals, chlorite, or bromate.
- Provides more effective cleaning ability than other toxic chemicals.
- The higher biocidal capacity relative to traditional chemical solutions permits the use of lower dose rates, lessening the risk for environmental impact.
- The solution is less corrosive than alternate products.
- Reduces the frequency of cleaning within a facility.

ANOLYTE IS SAFE

- Safe for Products.
- Addresses public safety concerns.
- All-natural, safe.
- Non-toxic, non-hazardous.
- No storage compatibility issues.
- No residue to rinse.
- No special disposal required.
- Does not require a hazardous use permit.

ANOLYTE IS SAFE FOR THE ENVIRONMENT

- The only elements introduced into the production of anolyte liquid are water, salt, and electricity. All are used in a safe and environmentally friendly way.
- No disposal precautions.
- Provides an opportunity to reduce water usage.
- Reduces the volume of wastewater.
- No adaptive resistance chance for microorganisms.
- No environmental impact.
- Fully biodegradable.
- Satisfies the demand for implementing safer and green products.

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ANOLYTE IS SAFE FOR USERS

- No health and safety risks.
- No protective gear required.
- No eye or skin irritation.
- Non-toxic (inhalation, ocular, cutaneous, ingestion).
- Non-hazardous.
- No additional protective equipment is required.
- No exposure limits.
- Lowers the risk of sickness and absence in the workplace.
- In its most concentrated form, Anolyte could be ingested without any physical harm (though not recommended).

ANOLYTE PROMOTES HYGIENE

As part of a HACCP plan, Anolyte is aiding the food manufacturer in risk mitigation by helping to:

- Reduce microorganisms in foods including fish, fresh vegetables, poultry, and meat.
- Reduce disease risk in treated products.
- Increase shelf life of treated products.
- Break down bacterial biofilm in pipe systems.
- Disinfect food processing areas.
- Reduce the risk of consumer health concerns.

ANOLYTE APPLICATIONS

- Hospitals
- Dental & Health Clinics
- Schools
- Water Tanks
- Cooling Systems
- Food Processing & Bottling
- Municipality Water Supplies
- Agriculture & Horticulture
- Hotels
- Pools, Spas & Water Parks
- Military
- Disaster Response & Aid
- Commercial Process Plants
- Banks, Offices & Public Areas
- Environmentally Sensitive Areas

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