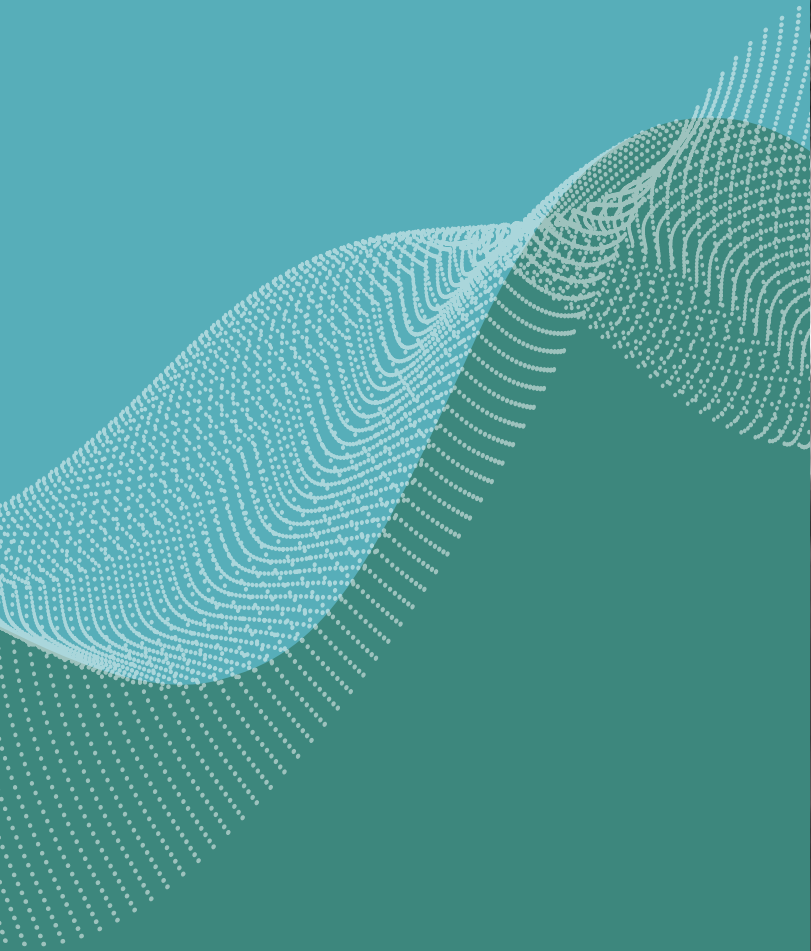


SUSTAINABLE DISINFECTION FOR INDUSTRY



Anolytech[®]

THE FUTURE OF DISINFECTION



ADVANTAGES OF ANOLYTECH'S ENVIRONMENTALLY FRIENDLY DISINFECTION SYSTEMS

Anolytech offers next-generation disinfection systems that effectively kill bacteria and other vector microorganisms while simultaneously being environmentally friendly and capable of reducing the company's water consumption radically.

- **Environmentally friendly, circular process**
- **Approved to EU standards and the Biocidal Products Regulation**
- **Compliant with Swedish National Food Agency regulations on drinking water**
- **Guaranteed reduced bacteria levels**
- **Offers major water savings**
- **Enables recovery of water**
- **Improves working environment**
- **Produced on site**
- **Uses no environmentally hazardous substances**
- **Produces no hazardous waste materials**
- **Reduces transport of dangerous goods**
- **Saves energy**

ABOUT ANOLYTECH

Since 2005, Anolytech has developed a sustainable and environmentally friendly disinfection technology which eliminates the need for disinfection with harmful chemicals. The system produces a pH-optimised hypochlorous acid, AnoDes, which is obtained from salt using just water and electricity. AnoDes kills bacteria, viruses, spores, mould and fungi effectively and stops the growth of biofilm in water.

AnoDes is produced directly in a system rented from Anolytech that is installed at the customer site. The sustainable circular production process ensures that the customer has a reliable supply of disinfectant while also minimising the handling of chemicals and unnecessary packaging and the transport of hazardous goods.

AnoDes is EU-certified and not only disinfects drinking water and room areas, but also provides a gentler (EN 1500), more effective alternative to alcohol-based hand sanitisers. Anolytech now supplies disinfectant solutions to the farming sector and food industry, hotels and properties, plus the public sector and healthcare providers in Sweden and Europe.



Guaranteed bacteria-free water and effective disinfection for industrial environments

Bacteria-free water and carefully disinfected industrial environments are often crucial components for safe, effective production. However, maintaining a bacteria-free environment often requires undertaking time-consuming reactive measures and using harmful chemicals. Anolytech's environmentally friendly system, on the other hand, is preventive, producing our unique AnoDes disinfection solution on site so that it is always available whenever and wherever you need it.

EFFECTIVE AGAINST BACTERIA AND BIOFILM

AnoDes is a pH-optimised hypochlorous acid which is obtained from salt using just water and electricity. AnoDes kills bacteria, viruses, spores, mould and fungi effectively and stops the growth of biofilm in water pipes. Continuously releasing small quantities of AnoDes into the water ensures that it remains bacteria-free 24 hours a day, every day.

It is produced in a system that you rent from Anolytech. This is installed on site and connects to the water supply in the building. Anolytech's system is simple to install and disinfection is completely automatic apart from the quick and easy step of refilling the salt.

Concentrated AnoDes can also be filled into bottles directly from the machine and used for disinfection in all kinds of other areas. AnoDes contains no dangerous chemicals and is completely harmless to human beings and the planet.

PREVENTIVE PROTECTION AND LONG-TERM EFFECT

Anolytech's preventive disinfection system differs from traditional methods where disinfection takes place only once problems have already arisen meaning water pipes and other parts of the water system have to be flushed clean or replaced. Such initiatives eliminate the symptoms at the time, but they fail to resolve the fundamental problem: that bacteria can enter and disperse in the water system and pipes at any time.

With Anolytech's method, the problem is eliminated entirely as small quantities of AnoDes are a constant presence in the water pipes, killing bacteria. This presence of AnoDes also acts as a protective barrier if the incoming water were to be temporarily contaminated. AnoDes then provides preventive protection so that bacteria are unable to grow.

DISINFECTING DRINKING WATER

Anolytech's system is compliant with the Swedish National Food Agency's regulations (SLVFS 2001:30) on drinking water. As the system is connected to your water supply, you can rest assured the incoming water is bacteria-free and the continuous release of AnoDes

ensures that the water will remain bacteria-free as it circulates around your water system, including onto spray nozzles, hoses and dead-ends. At the same time, AnoDes prevents any new biofilm growth.

Conveyor belts

The system makes it possible to effectively reduce the bacterial load that conveyor belts and other equipment are often exposed to, disinfecting while the production line is still in operation.

Hydroponics

With hydroponic food growth, the requirement for bacteria-free water is naturally very high. Anolytech's environmentally friendly system prevents bacterial attack and the growth of biofilm so both grower and consumer can feel safe. Adding AnoDes to the water has also been shown to prolong the shelf-life of some cultivated foods.

Water-based products

Products such as water-based paints can make use of AnoDes's antibacterial properties to prevent mould growth in the finished product.

Making ice

The risk of bacterial attack and biofilm growth when making ice is eliminated as AnoDes remains active even after freezing. As the ice melts, the water does not release any bacteria into the environment.

Changing rooms and showers

Legionella bacteria can take hold in changing room showers and taps, resulting in infections such as Legionnaires' disease, a serious form of pneumonia. Bacteria are spread to the lungs by tiny droplets of water that are inhaled from shower heads and tap aerators. By continually releasing small quantities of AnoDes into the water, Legionella bacteria are unable to take hold and grow, meaning that shower heads do not need replacing as often.

DISINFECTING PROCESS WATER

Recovery

Anolytech's system provides an additional complementary step to other cleaning systems when treating and recovering greywater and wastewater, leaving it bacteria-free. An increase in cleaning and recovering industrial discharge water is an important step in achieving the UN's global goals.

Clean-in-place (CIP)

CIP automated cleaning is a cleaning process which traditionally requires a great deal of water, chemicals and energy. In many hygiene-critical production areas such as in the food and pharmaceutical industries, it is often necessary to disinfect the entire production line after CIP cleaning, requiring even greater use of water and chemicals. With Anolytech's environmentally friendly disinfection systems, there is no need for the use of hazardous chemicals in the disinfection stage – and on top of that, they can also provide huge savings in water and energy.

Packaging materials, reusable crates and containers

AnoDes can be used to disinfect packaging materials, reusable crates and containers before, during and after production. This ensures that no bacteria linger during the production stage, preventing them from being transferred to the product and possibly onto subsequent company departments, producers or even end customers further down the chain.

DISINFECTION OF OTHER SURFACES AND OBJECTS

AnoDes can be used to disinfect entire rooms, walls, work surfaces, tools and other loose objects.

AnoDes can be applied in a range of different ways, including via nozzles, spray applications, hand-held sprays or a misting machine which sprays a dry mist for effective disinfection of all the surfaces in the room.

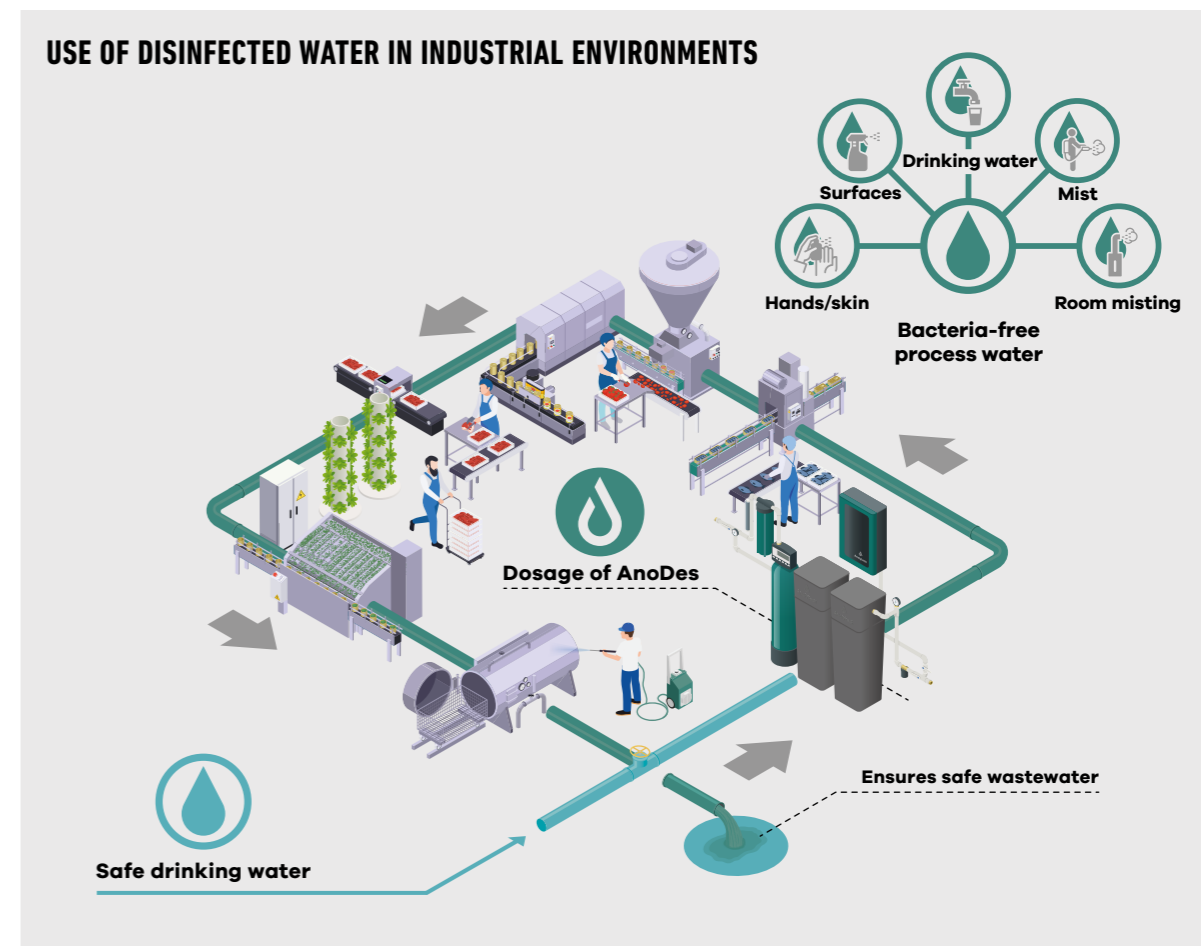
Anolytech also supplies a misting machine which conforms to EN standard 17272 for airborne room disinfection by automated process. AnoDes can also be put into spray bottles for the fast and effective disinfection of smaller surfaces and items.

HAND SANITISING

As AnoDes is produced on site, you can produce your own hand sanitiser by bottling AnoDes in a dispenser. The ready-made solution is approved as a hygienic hand sanitiser in accordance with EN 1500. AnoDes is very gentle and does not dry out the skin like alcohol-based hand sanitisers can.

WANT TO KNOW MORE?

Contact us for a totally no-obligation presentation to find out more about our environmentally friendly disinfection system. Together we can map out your company and identify where a system would have the greatest effect.



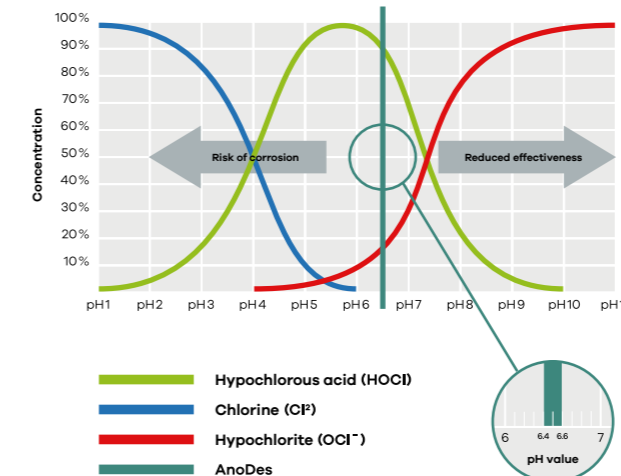


DID YOU KNOW

- Using AnoDes in the water system can reduce water and chemicals usage while also saving energy.
- Concentrated AnoDes is 200 times more effective than chlorine in reducing bacterial populations.
- Disinfection involves destroying bacteria and other harmful microorganisms by attacking proteins in the cell membranes, causing the cells to rupture and die.
- Disinfection initiatives implemented when problems have arisen can be costly and time consuming. With our system, disinfection is a continuous preventive process that saves both time and money.
- AnoDes is completely safe to both human beings and the planet. Once used, the solution reverts to its constituents: 99.95% water and 0.05% biodegradable matter.

WHY ANODES IS SO EFFECTIVE

This carefully controlled pH level is what makes AnoDes such an effective disinfectant. Anolytech's system uniquely permits control of the pH value of the water with great precision, meaning that Anolytech can guarantee effective water disinfection regardless of the quality of the incoming usable water.



RENTAL CONTRACT WITH LOW OPERATING COSTS

The production system is rented from us with the costs based on water consumption. The system only uses small amounts of energy and salt during operation, ensuring steady, consistently low operating costs. The system is installed by our service technicians in a suitable location. The whole system is supplied as a complete package that includes installation, servicing and spare parts, and we provide an operational warranty throughout the entire rental period.

CIRCULAR PROCESSES

Traditional disinfection is often a linear process where environmentally harmful and hazardous substances are transported, used and produce waste that has to be disposed of. Our system is a sustainable circular process requiring just water, salt and electricity. Waste products are totally harmless to the environment and can be discharged into wastewater. On-site production also results in another circular process as AnoDes can be bottled in reusable dispensers and bottles for surface disinfection and hand sanitising.

EUROPEAN STANDARDS AND CERTIFICATES

AnoDes meets applicable European standards for disinfectants and is approved in accordance with Article 95 of the EU Biocidal Products Regulation. Anolytech's system is compliant with the Swedish National Food Agency's regulations (SLVFS 2001:30) on drinking water. Use the QR code to view and download current directive documents and EN standards.

<https://anolytech.com/certificate/>



RELIABLE ON-SITE DISINFECTION

As AnoDes is produced on site, your company will have constant access to disinfectant material and you do not need to handle hazardous chemicals or deal with unnecessary packaging. The system consists of an easy-to-install wall-mounted control unit, salt holder and blending module. All you need is a power supply and connection to the water and wastewater systems. Once commissioned, the system only needs to be topped up with salt tablets: everything else is automated in a process that continuously releases small quantities of AnoDes into the drinking water system. The system design and simple operation guarantee reliable production.



PERFORMANCE WARRANTY

Over the years, our systems have produced and released AnoDes into systems belonging to hundreds of businesses. We guarantee that your system will produce the right amount and at the right strength specifically for your company. By maintaining and servicing our systems at regular intervals, we can monitor and keep our machines in good working order, even letting you know when it is time to order more consumables. The Anolytech Performance Warranty guarantees that the system will work throughout the entire rental period and that we are always there for you.



Environmentally friendly disinfection of drinking water and industrial equipment

Anolytech offers next-generation disinfection systems that effectively kill bacteria in an environmentally friendly way. The system produces AnoDes, a completely harmless disinfectant solution that prevents bacterial growth in water pipes. Concentrated AnoDes can also be used to sanitise hands and disinfect premises and other equipment.

- **Guarantees bacteria-free water**
- **Compliant with Swedish National Food Agency regulations on drinking water**
- **Approved to EU standards and Article 95 of the Biocidal Products Regulation**
- **Environmentally friendly, circular process**
- **Produced on site**
- **Offers major water savings**
- **Enables reuse of process water**