

PAQUA  
~LYTE~

Natural protection  
and safe disinfection.

Disinfection & Fogging



# PaquaLyte for a better environment.

PaquaLyte is a proven and tested natural multipurpose disinfectant solution. Made from the most natural materials – salt, water and electricity – PaquaLyte is a safe and extremely efficient solution effective in killing 99.999% of viruses and bacteria. It is suitable for use across all industries and environments, without the need of diluting.

**Safety:** PaquaLyte is perfectly safe to the planet and users, biodegradable, vegan-friendly, cruelty-free, ph neutral. If you get it in your eyes, then simply rinse with water. It kills spores, pollen, and bacteria effectively.

**PaquaLyte Quality:** PaquaLyte is manufactured in the UK to ISO 9001 and ISO 14001. Quality standards and our generator equipment suppliers are part of the consortium which own the approved active substance dossiers

covering HOCI and Electro-Chemically Activated Water Union Biocides Products Regulations (EU 528/2012). Portsmouth Aviation the manufacturer is registered on the Artile 95 list.

**Highly Effective:** Extensive testing proves that it kills 99.999% of all viruses, bacteria, and fungi on contact, including Covid, MRSA, E Coli, Ebola, Legionella, Campylobacter, Salmonella, SARS and Influenza to name but a few.

**Best Value:** PaquaLyte is a cost effective, proven disinfectant that can be scaled on demand and used as a fogging agent and general disinfectant. Our products are among the finest available, suitably priced and provide excellent assured quality and value. The need for clean, biodegradable, and environmentally acceptable biocides/ virucides in the current environmentally sensitive climate, make PaquaLyte the perfect answer to the many challenges that the Covid Virus has highlighted.



# PaquaLyte natural dry fog technology

Thorough cleaning and hygiene in all environments is essential to prevent the forming and spread of microorganism. However, existing fogging disinfection products are not always fully effective and can be expensive.

Many require ventilation as their use can cause skin and/or respiratory issues, are corrosive or stain, and at worst, cause long-term damage and illness. PaquaLyte works by mimicking the body's immune system and is classed as a green biocide which means that rooms and large spaces can be used immediately after aeration.

PaquaLyte is a natural highly efficient fast-acting dry fog technology that effectively sanitises large internal spaces, common touch surfaces and tricky areas such as air vents, under furniture, behind wallpaper and cavity walls, as well as hard to reach areas such as high windows.

Compared to traditional fogging technologies, PaquaLyte is inexpensive to buy, and all bottles and containers are refillable. It also operates autonomously, without the need for any personnel.

With full green credentials, this innovative solution is manufactured to ISO9001 standard and supports the 'GO green 2025' strategy.

It has applications in across a variety of sectors:

- Industrial
- Food & Drink
- Humanitarian
- Commercial
- Health
- Agriculture



## FAQs

### Q: What is PaquaLyte made of?

**A:** PaquaLyte is simply made from water and high purity salt (sodium Chloride) and electricity to produce the active ingredient, Hypochlorous Acid (HCOL). Mother nature has an internal process for producing HCOL naturally, in every mammal, via our white blood cells and it is a significant part of our immune system. It protects our bodies from the attack of harmful bacteria and pathogens.

### Q: Where is our PaquaLyte made?

**A:** PaquaLyte is manufactured within our plant by engineers in Portsmouth UK to strict Standards. PaquaLyte is not reliant on any third party to manufacture its own product.

### Q: How does the system remove contaminants?

**A:** PaquaLyte is fogged into the room using one of our fogging machines. The process is automatically controlled using the recommended fogging machines to ensure the correct amount of PaquaLyte is delivered for each room size. This combination has been successfully tested against the new BS EN 17272 test standard.

### Q: Is PaquaLyte safe?

**A:** Yes, perfectly safe. It is will also not harm animals or plants. If you get it in your eyes then simply rinse with water. It kills spores,

viruses and bacteria effectively. PaquaLyte conforms to the European Biocide Regulation EU528/2012.

### Q: Are Paqua products environmentally friendly?

**A:** Yes. PaquaLyte is made from clean water, a small amount of salt and an electrical charge. It will dissipate back to just water and a small amount of salt naturally. It can be used for fogging and surface disinfection without issue.

Our PaquaVida water purification systems require much lower amounts of power compared to the competition and require no harmful chemicals for operation. Our systems just needs a supply of PaquaLyte which is made on demand within the system for dosing into the water negating expensive supply chains that would supply alternative chemicals such as chlorine which is unnecessary for PaquaVida.

### Q: Why is using an alcohol-free product important?

**A:** There are worldwide concerns about the use of VOCs (Volatile Organic Compounds) in industry, with some non-medical industries moving to drastically limit the use of Alcohol in operations. Isopropyl Alcohol (IPA) is recognized as being a chemical which contributes to Volatile Organic Compounds

(VOC) emissions as well as being flammable and should be kept away from heat and open flames. VOCs are carbon containing chemicals that react with sunlight and the atmosphere to cause smog.

### Q: What is the shelf-life and how should it be stored?

**A:** We would recommend using within 12 months of purchase. PaquaLyte will remain active for at least 6 months if stored correctly. You should store in a cool dark place and always out of direct sunlight.

### Q: Does PaquaLyte need diluting?

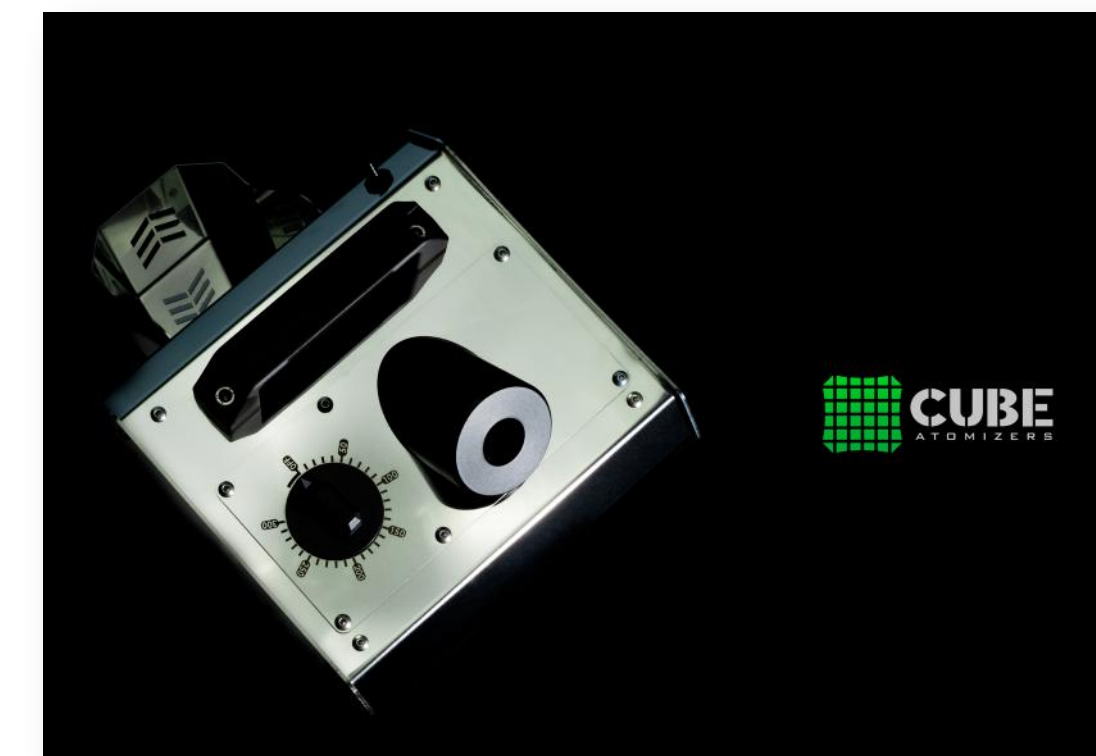
**A:** No, PaquaLyte does not need diluting.

### Q: Does an operator need to be present on site or available to maintain the fogging system?

**A:** No, the fogging machine can be run safely whilst unattended. Just add the PaquaLyte disinfectant, press a button and leave it to run.

### Q: How soon can I enter the space after it has been fogged?

**A:** You can enter the space within 30 minutes after the fogging has finished, allowing enough time to ensure the room is fully disinfected. The room can then be used.



## About Paqua:

Paqua is a British-based, award winning engineering company with a clear goal in mind:

To provide a safe, sustainable and renewable water purification and disinfection solutions. Find out more about PaquaLyte and PaquVida products at [www.paqua.co.uk](http://www.paqua.co.uk) or contact us for a quote today.

Get a quote

### Q: Does the fogging leave a residue or wet surface?

**A:** No, the tiny droplets of aerated PaquaLyte are dry when they land so no residue or wetness is left behind.

### Q: Can the system clean pipework?

**A:** The PaquaVida system eliminates the biofilm and scale within the machine, and over time the residual PaquaLyte in the cleaned potable will clean the existing infrastructure pipework our systems deliver to.

### Q: How cost-effective is it?

**A:** Our high-performance system requires minimal maintenance and is self-cleaning, ensuring the reliability and efficiency of all amenities while keeping operating costs to a minimum.

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