

Imsyser Professional Aerosol Disinfectant Room Fogger (98% Alcohol)

Information and Benefits



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Description

Professional Aerosol Disinfectant Room Fogger (98% alcohol)

- **Rapid disinfecting action**
- **Total release aerosol**
- **Broad spectrum bacterial**
- **Virucidal and fungicidal**
- **Food safe (fragrance-free also available)**

Please note a hand sanitizer (70% alcohol) is also available on request 086 010 3859

The liquid inside the **Aerosol Room Fogger** is made up of 98% ethyl alcohol. The World Health Organisation requires 70% alcohol for effective sanitization.

The rubbing alcohol and alcohol-based sanitizers most often used to kill bacteria are solutions of alcohol, either ethyl alcohol or isopropyl alcohol, both of which are amphiphile chemical compounds. The properties of these alcohols allow bonding with and breakdown water-based membranes and disrupt protein structures suspended in water. The molecules in the membranes and proteins easily bond with the alcohol molecules. Because single-celled micro-organisms like bacteria and viruses are primarily composed of water, with fatty proteins suspended within them, alcohol's amphiphile characteristics make it incredibly effective as a sanitizing agent. Cells exposed to it cannot survive in alcohol's presence for more than a few minutes.

In addition to that we have added two additional actives to the aerosol fogger, which ensures total disinfection and provide residual disinfection to the surfaces. This means that once the alcohol has evaporated, the other additives remain on the surface to continuously disinfect until washed or rubbed away:

The first is our **Enviro disinfectant** which are at the standard required as per the EN1276 Test Report attached. This is backed by the raw

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material components for which the Lonza document is attached. The purpose of this document is to demonstrate the effectiveness of the ability of the product to kill SARS type viruses.

According to EN 1276, the product shall demonstrate at least a 5 log reduction when diluted and tested under simulated clean and dirty conditions and under the obligatory test conditions (four selected test organisms, 200C +/- 10C, 5min +/-10s).

Under simulated clean conditions the test item, ENVIRO DISINFECTANT, 17-CHL-0548-02, demonstrates more than a log 5 reduction for strains P. aeruginosa, E. coli, S. aureus and E. hirae, for one concentrated test: 10%.

Under simulated dirty condition the test item ENVIRO DISINFECTANT, 17-CHL-0548-02, demonstrates more than a 5-log reduction for strains P. aeruginosa, E. coli, S. aureus and E. hirae, for one concentration tested: 10%.

The second is G-Cide, which is a stabilised glutaraldehyde used in medical and other disinfecting applications. G-Cide is unique in that it does not require alcohol to effectively kill 99.9% of bacteria, viruses, fungi, moulds, and spores. G-Cide is a unique biocide (able to kill living organisms, especially microorganisms) that is used in our disinfectant range as the active ingredient to kill 99.9% of all germs it comes into contact with including the Corona Virus.

Overall an extremely powerful disinfecting product, in a convenient fogger application. Professional use is recommended, and training of the relevant staff members to ensure safety and compliance.

WARNING:

Handle with care & always wear a mask when setting product off.

Avoid skin and eye contact.

Active Ingredients:

N-, N-Dialkyl-N,Ndimethylammonium

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bicarbonate/carbonate 1%

Glutaraldehyde 1%

High concentration, hands free, aerosol- based disinfectant for the sanitation and decontamination of food preparation, processing and storage areas. Suitable for offices, halls, homes and general work-spaces.

Scientific specs available on request info@imsyser.co.za

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