

## **Warnings; regarding alternative sanitisation methods.**

We recommend you do the research yourself, all roads lead back to one, Ethanol or Isopropanol (alcohol) at a 70% content or more, is the only time-proven reliable and effective decontamination solution for killing viruses such as COVID 19.

The main factor for pop up sanitisation companies offering alternative methods is simple. They cannot obtain stock of medically graded solution. Furthermore, South Africa's main suppliers of medical grade solutions are reluctant to supply to unregulated businesses.

Please follow the links below for a more comprehensive insight:

<https://www.infectioncontroltoday.com/environmental-hygiene/epa-orders-nj-hospital-group-stop-disinfection-ambulances-fogging-method>

### **SIMPLY 'FOGGING' - A VIOLATION OF FEDERAL LAW**

EPA Environmental protection Agency

Simply "fogging" an area with a disinfectant does not meet EPA-registered label requirements without proper pre-cleaning and may be a violation of federal law. More importantly, improper application of the disinfectant can lead to a false sense of security, an increase in health hazards and not be effective at reducing the risk of the spread of COVID-19.

However, the CDC hasn't deemed the "fogging" method as the most effective way to combat COVID-19, as it doesn't clean the affected surface.

Environmental cleaning in healthcare facilities or homes housing patients with suspected or confirmed 2019-nCoV infection should use disinfectants that are active against enveloped viruses, such as 2019-nCoV and other coronaviruses. There are many disinfectants, including commonly used hospital disinfectants, which are active against enveloped viruses. Currently WHO recommendations include the use of:

- \* 70% Ethyl alcohol to disinfect reusable dedicated equipment (e.g., thermometers) between uses
- \* Sodium hypochlorite at 0.5% (equivalent 5000ppm) for disinfection of frequently touched surfaces in homes or healthcare facilities

<https://www.epa.gov/sites/production/files/2015-09/documents/fogger-mister-final-signed-letter.pdf>

### **EPA directive Environmental Protection Agency**

The reasons that the EPA believes that fogging/misting methods of application may not be adequately effective include the following: • Application by fogging/misting results in much smaller particle sizes, different surface coverage characteristics, and potentially reduced efficacy when compared to sanitization or disinfection product applications by spraying, sponging, wiping or mopping.

The absence of pre-cleaning in the presence of soil contamination, potential reaction with or absorption of the active ingredient for different surfaces, and humidity/temperature fluctuations can also impact distribution and efficacy of the product. • A surface treated by fogging/misting does not receive the same amount of active ingredient per unit area as the standard methods of application and, as a result, the level of efficacy actually achieved may not be the same level claimed on the label.

[Disinfection & Sterilization Guidelines | Guidelines Library...](#)  
[www.cdc.gov > infectioncontrol > disinfection](http://www.cdc.gov/infectioncontrol/disinfection)

Guideline for **Disinfection and Sterilization** in Healthcare Facilities (2008) ... 6.a.  
Do not perform disinfectant **fogging** for routine purposes in patient-care areas. ... Follow this water rinse with a rinse with 70% – 90% ethyl or isopropyl **alcohol**. IB.

<https://www.un.org/en/coronavirus/cleaning-in-hq-buildings>

### **United Nations**

Part of the Organization's duty of care is to provide a safe and healthy workplace, free of hazards. The organization meets this need by having a comprehensive approach to identifying and addressing the likelihood of being exposed to COVID-19. Even during this full shut-down, some staff may be working in the Secretariat campus or in UN buildings around NYC. Note that simple disinfectant is sufficient to clean an area, that walls and soft furnishings do not need to be cleaned unless clearly soiled, and that widespread spraying or 'fogging' is not recommended.

### **Medically certified alcohol based products:**

[Cleaning and Disinfection for Households | CDC](#)  
[www.cdc.gov > 2019-ncov > prevent-getting-sick > cle...](http://www.cdc.gov/2019-ncov/prevent-getting-sick/cle...)

... by disinfection is a **best** practice measure for prevention of **COVID-19** and other ... Household members should educate themselves about **COVID-19** symptoms ... Bleach **solutions** will be effective for disinfection up to 24 hours. ... of **alcohol**-based wipes or sprays containing at least 70% **alcohol** to disinfect touch screens

[This is how to clean effectively to limit the spread of COVID-19 ...](#)

[www.weforum.org](http://www.weforum.org) › agenda › 2020/03 › clean-kill-cor...

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Mar 20, 2020 - The US Centres for Disease **Control** and Prevention recommends daily ... **solutions** to keep your home free of germs throughout the **COVID-19** pandemic. ... Coronavirus: These products work **best** to kill the virus ... Products containing bleach, **alcohol** or hydrogen peroxide are the **best** at killing off germs.