



STATEMENT

MILTON PRODUCTS EFFICACY ON THE NOVEL CORONAVIRUS (2019-nCoV)

Purpose

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Disclaimer: The investigation to know more about this novel specie of virus named 2019-nCoV and the outbreak, is ongoing and then the recommendations might evolve.

The 2019 novel coronavirus (2019-nCoV) was first identified during an investigation into an outbreak in Wuhan, China. This new strain of coronavirus causes respiratory illness in people and seems able to spread from person-to-person mainly via respiratory droplets produced when an infected person coughs or sneezes. There also may be some spread when a person touches a surface or object that has virus on it and then touches his or her own mouth, nose, or possibly their eyes.

It is not known yet if this new strain can survive in a long term in the external environment. Nevertheless, other virus from its family *Coronaviridae* can stay alive few hours to few days, depending on the external environment where they are. As the virus 2019-nCoV has an envelope, on a few aspects, it is weaker than other virus.

The hand hygiene is one of the most important measures to prevent and control spread of disease. Moreover, an effective procedure for the prevention of the outbreak includes a thorough cleaning of environmental surfaces with water and detergent and applying commonly used hospital level disinfectants.

Based on official recommendations of hygiene, on the World Health Organisation (WHO) and the Center for Disease Control (CDC), the following Milton products and instructions for use are suitable to apply the recommendations:

▪ **Milton Antibacterial Hand Gel (Alcohol-based hand rub containing 80% w/w of ethanol).**

Recommended protocol: hands have to be not visibly soiled. The hands and forearms should be wet from the alcohol-based rub during the whole procedure (30 seconds minimum), the volume depends on the size of the hands.

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- **Milton Sterilising Fluid 2% (containing 2% w/w of sodium hypochlorite or 1.9% w/w of available chlorine).**

Recommended protocol: 1:35 dilution of 2% sodium hypochlorite is slightly above the usual recommendation. Use 1.5 cap (45mL) of Milton in 1.5 L of cold tap water. It will lead to a solution containing approximately 650 ppm of available chlorine. Disinfection by wiping of nonporous surfaces (such as the surface floor): a contact time of ≥ 10 minutes is recommended. Disinfection by immersion of items: a contact time of 30 minutes is recommended. This protocol does not include the respiratory equipment's disinfection.

- **Milton Sterilising Tablets (containing 19.5% w/w of sodium dichloroisocyanurate).**

Recommended protocol: Use 1 tablet in 1 L of cold tap water. It will lead to a solution containing 500 ppm of available chlorine. Disinfection by wiping of nonporous surfaces: a contact time of ≥ 10 minutes is recommended. Disinfection by immersion of items: a contact time of 30 minutes is recommended. This protocol does not include the respiratory equipment's disinfection.

References:

- Infection prevention and control during health care when novel coronavirus (nCoV) infection is suspected - Interim guidance - January 2020 – WHO
- Infection prevention and control of epidemic and pandemic prone acute respiratory infections in health care - 2014 - WHO Guidelines
- Novel Coronavirus (2019-nCoV) and You – CDC – consulted the 27/01/2020
- <https://www.gouvernement.fr/info-coronavirus> - French Government statement – consulted the 27/01/2020

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