

- Disinfection and disinfectants

HOW EFFECTIVE IS SMOKE DISINFECTION VS CORONAVIRUS?

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continues to mutate, infecting and replicating at such a mind-boggling rate that the word “mutation” has become an ominous warning.



After strictly following the standard safety protocols, what else is there to do? Smoke it away, said chemist Pinky Tobiano, president and chief executive officer of Progressive Laboratories.

Tobiano introduced to the country last year Sanivir Smoke, a revolutionary Food and Drug Administration-approved fumigant disinfectant that kills bacteria, fungus, spores and viruses, including coronavirus—in the air and on surfaces, penetrating even the tiniest of crevices.

That’s because smoke disinfection is so light (only 1 micron) compared to liquid (150 microns), misting or air disinfection (50 to 100 microns). Tobiano said smoke disinfection stays up in the air for seven to 14 days, depending on the foot traffic.

“The particle size makes a difference. Smoke disinfection is so light it penetrates the top parts of a room,” Tobiano said.

Sanivir Smoke contains two powerful ingredients proven by the Centers for Disease Control and Prevention to be effective against COVID-19, Orthophenylphenol (7 percent) and Glutaraldehyde (3.5 percent). Scientific evidence proves that Sanivir Smoke reduces bacteria and viruses in a room by up to 98 percent.

Liquid disinfection disinfects only surfaces it can reach. Misting disinfects only the areas covered by the mist. Air purifiers only capture particles.

Smoke vs liquid

“Air purifiers do not remove viruses or bacteria. They are good for people with allergies or who are asthmatic,” Tobiano said. “It is intended to clean the air; it does not protect you from COVID-19. It does not replace disinfection. It just filters contaminants from the air.” Smoke disinfection is dry air, she said. Once applied, it stays in the air. Its edge over other disinfectants is its ability to kill circulated airborne viruses, like COVID-19, and staying in the air for up to 14 days. Tobiano continued that liquid disinfection remains on surfaces for only up to 24 hours and misting for only five minutes or less.

Studies, however, have shown that coronavirus could stay up to five days on metal, glass and ceramics; two to three days on plastics and stainless steel; four to five days on wood

and paper; one day on cardboard; two to eight hours on aluminum; and four hours on copper.

For the ultimate safety— and peace of mind—smoke disinfection provides the most extended protection against coronavirus in the market today. Sanivir Smoke is also safe for pets and babies. It is even safe to use inside vehicles. It also has international certifications such as from the Instituto Valenciano de Microbiologia and leading biosecurity firm Bioplagen.

Sanivir Smoke can be used in various types of enclosed spaces. It disinfects homes, offices, restaurants, warehouses and cars without the need for special equipment. Delivered through a broad spectrum of dry smoke, Sanivir disinfects even hard-to-reach cracks such as air conditioner filters and computer keyboards and does not leave any residue.

A 25-gram canister (about P1,750, good for 14 days) covers 30 to 50 square meters of space, ideal for living areas, cars, vans, condos, bedrooms and conference rooms. For bigger spaces, a 1-kilogram Sanivir canister covers between 500 and 550 square meters.

Available at Rustan's, Stork.ph, Shopee, Nest Genie and Lazada. Sanivir hotlines: Shelley Vergara, tel. 0917-5575445; office: 83713936, 74112620. Fill out an order form at forms.gle/PSb7KxC1ZZktjBMW9.