

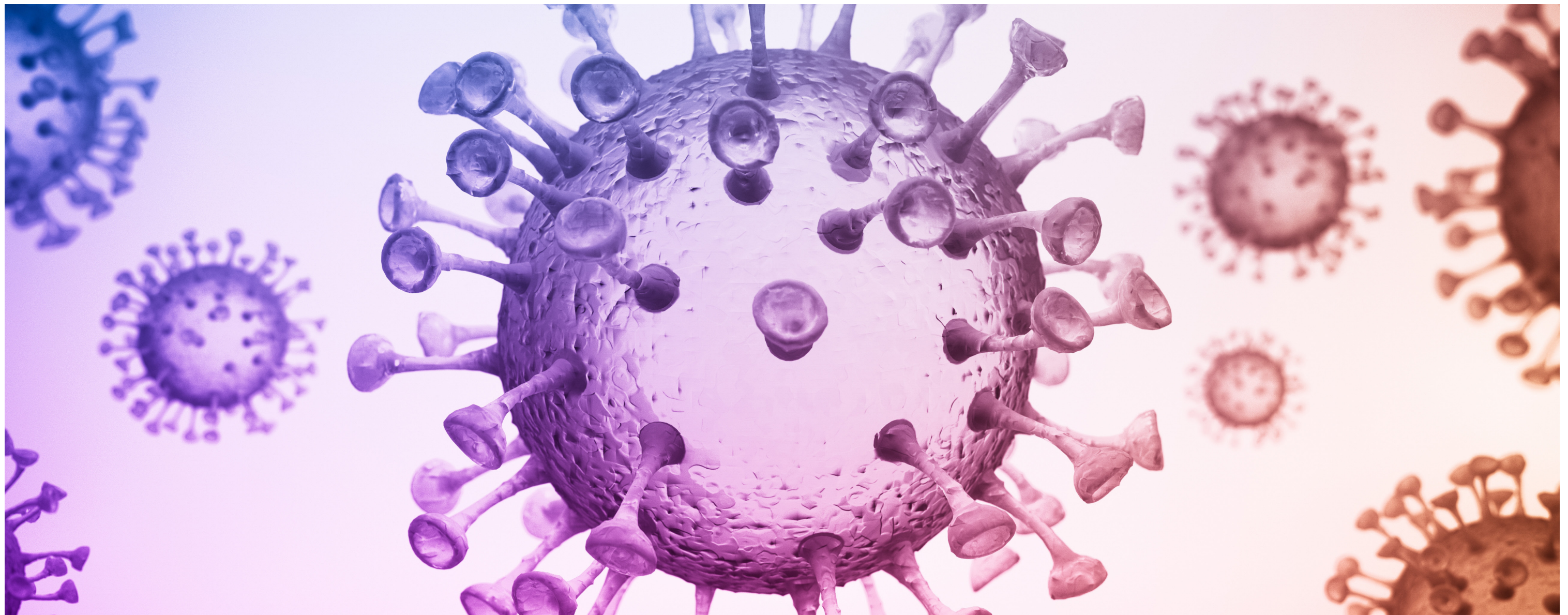
Provide Protection with Trusted Surface Disinfectant Wipes



Introduction

Today, maintaining a clean and hygienic environment is more crucial than ever. Following the COVID-19 pandemic, people in every industry have become more aware of the importance of protecting against viruses, bacteria, and other contaminants. Therefore, finding an effective surface disinfectant is a top priority in many industries, especially in healthcare.

Healthcare providers, such as dental professionals, are on the frontline of infection control due to their constant interaction with people and different microorganisms. Being on the frontline, dental professionals should always be cautious and maintain a space free of contaminants, and surface disinfectants are an effective and convenient way to achieve that.



Understanding Surface Disinfectant Wipes

Surface disinfectant wipes are a staple in the battle against harmful pathogens and infectious diseases. These wipes are pre-moistened with a disinfectant solution, making them a convenient and efficient way to clean and disinfect surfaces. The primary goal is to eliminate bacteria, viruses, and other microbes that may threaten health.

CaviWipes™ 2.0 towelettes are the next generation of multi-purpose disposable disinfectant wipes from Metrex, providing broad spectrum disinfection. The low-alcohol formulation of **CaviWipes 2.0** is similar to **CaviWipes™** classic, but **CaviWipes 2.0** features a more advanced quat (quaternary ammonium compound) in its formulation. This next-generation quat enables **CaviWipes 2.0** to have stronger efficacy (compared to **CaviWipes** classic) with a 2-minute universal contact time against 60 bacteria, viruses, and pathogenic fungi. **CaviWipes™ HP** is the newest member of the trusted CaviWipes family providing a fast 1-minute universal contact time from an alcohol-free hydrogen peroxide formulation that fully qualifies for the EPA's rigorous Emerging Viral Pathogen Claim on EPA List N1.*

Each **CaviWipes** towelette is a durable, non-woven fully saturated towelette that will not dry out and will not bunch up during use.¹



¹ Kerr Dental (<https://store.kerrdental.com/en-uk/caviwipestm-160-wipes-per-canister.html>)
*Not evaluated by Dental Advisor

What are the factors to consider when selecting a cleaner and disinfectant?

A cleaner and disinfectant can be different products, each used for different purposes. Cleaning removes dirt and organic matter from surfaces using soap or detergents, while a disinfectant kills viruses and bacteria on surfaces using chemicals.² When selecting a disinfectant wipe, you should consider these factors:



Efficiency: Several key aspects contribute to the overall efficiency of a disinfectant wipe: the spectrum of activity, simplicity of usage protocol, contact time for various pathogens listed on the label, residue formation, user-friendliness, environmental considerations, regulatory compliance, and supply chain standards. Choosing a disinfectant wipe like **CaviWipes 2.0** that excels in these areas contributes to an effective and reliable disinfection process.



Material Compatibility: Refers to the ability of a surface disinfectant wipe to be used safely and effectively on various types of materials and surfaces without causing damage or deterioration. **CaviWipes 2.0** has excellent material compatibility due to the product's quality substrate.



Contact Time: The disinfectant must remain in contact with the surface for a specified period, known as the contact time, to ensure effective disinfection. The new generation of **CaviWipes 2.0** has a universal contact time of 2 minutes, which means it requires a contact time of only 2 minutes against all 60 pathogens listed on the label.



Safety: Clinicians should ensure that their surface disinfectant wipes do not have substances that could compromise the well-being of users or cause harm to surfaces. For your safety and peace of mind, **CaviWipes 2.0** towelettes do not contain aldehydes, phenols, or bleach.

² EPA (<https://www.epa.gov/coronavirus/whats-difference-between-products-disinfect-sanitize-and-clean-surfaces>)

Disinfectant Products and the EPA

The Environmental Protection Agency (EPA) has a pivotal role in reviewing and registering antimicrobial pesticides, which include disinfectants for use on pathogens like SARS-CoV-2, the virus that causes COVID-19. In 2016, the EPA provided a voluntary, two-stage process to enable the use of certain EPA-registered disinfectant products against emerging viral pathogens not identified on the product label.

As part of this process, the EPA reviews the supporting information of claims sent by the manufacturer and determines if the claim is acceptable for a virus tier. Once this Emerging Viral Pathogen (EVP) claim is approved for a given product, a company can make certain off-label claims on the product approved with this claim as specified in the event of an outbreak such as SARS-CoV-2 (COVID-19).³

CaviWipes 2.0 fully qualifies for the EPA's Emerging Viral Pathogen claim against all virus tiers (enveloped virus, large non-enveloped virus, and small non enveloped virus) and is effective against SARS-CoV-2 variants⁴ and other future emerging viral pathogens.

³ (<https://www.epa.gov/coronavirus/what-emerging-viral-pathogen-claim>) , accessed September 9, 2021

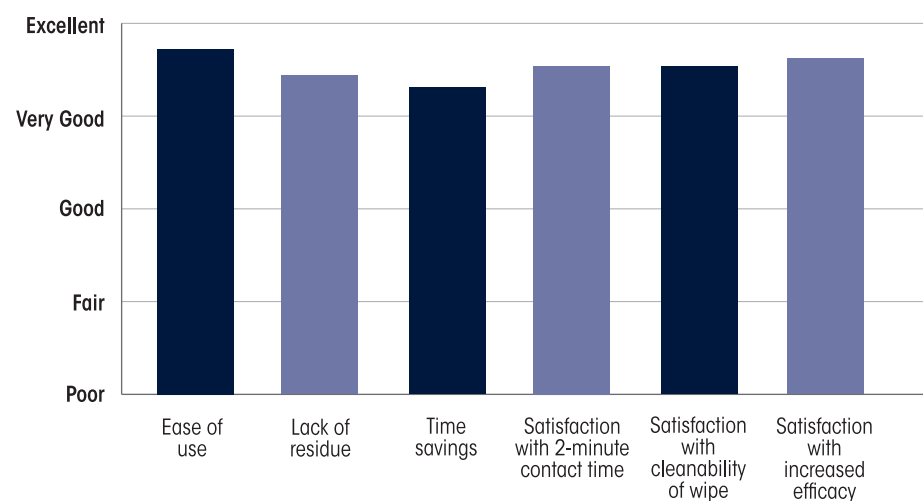
⁴ Refer to SARS-CoV-2 variants lister on Product Label



The Advantages of CaviWipes 2.0 Quat Technology

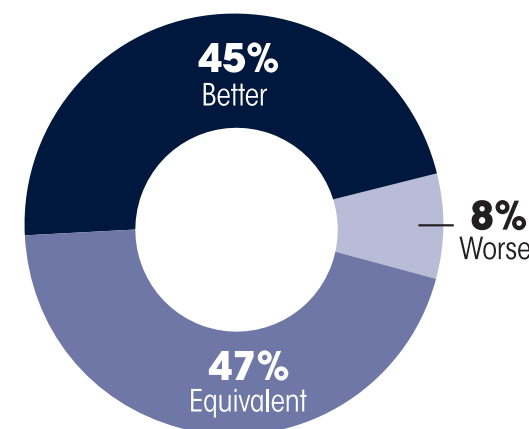


Evaluation Summary:



CaviWipes 2.0 uses a 5th-generation quat, which enables stronger efficacy with attention to material compatibility and does not stain surfaces. The next evolution of the **CaviWipes** line, Dental Advisor tested classic **CaviWipes** and its findings showed that **CaviWipes**, which contains 17.2% isopropyl alcohol, was able to both clean visibly soiled tiles and effectively kill MRSA on those surfaces. The performance of **CaviWipes** in this study was excellent when compared against the other wipes tested, all of which featured significantly higher alcohol content.⁵

Compared to Competitive Products:



Evaluators' Comments

- "More friendly to the treatment room and patient chair than its predecessors."
- "My office has always used CaviWipes. CaviWipes 2.0 are the same wipes that we love but with improved features. The 2-minute efficacy is especially helpful as every minute counts with a busy work day. The wipes also seem to be more wet than the previous version which seems to allow for more surface coverage."
- "Cleans better and is not as sticky."
- "Effectiveness in the healthcare environment with the new emerging pathogens is important to the future of patient care."
- "I would like to see the efficacy over time on surfaces like plastic."
- "It took multiple wipes to disinfect a room."
- "Compatible with most hard surfaces and doesn't stain."

⁵ Molinari, J. A., Nelson, P. (2016) Environmental Surface Cleaning and Disinfection: Effects of Alcohol Concentration (https://www.dentaladvisor.com/pdf-download/?pdf_url=wp-content/uploads/2016/01/TTS27-Caviwipes-Final.pdf)

Award-Winning Material Compatibility

CaviWipes 2.0 is a multi-year winner of Dental Advisor's Top Award in the Alcohol-Based Surface Disinfectant category.

Metrex has conducted thorough compatibility testing of all **CaviWipes** products across a range of equipment.⁶ To confirm the material compatibility of **CaviWipes** products with your medical equipment, you can use **Metrex**'s user-friendly and interactive compatibility tool.⁷

<https://www.metrex.com/en-us/material-compatibility>

Measures for Equipment Maintenance

Performing a weekly wipe-down using soap and water is the best precautionary measure for equipment maintenance, regardless of the surface disinfection product you use. While **CaviWipes 2.0** can effectively disinfect and clean the dental office in conjunction with other preferred cleaners, it is advisable not to use two different formulations simultaneously during cleaning or disinfection.



⁶ Metrex, Material Compatibility, (<https://www.metrex.com/en-us/material-compatibility>)

⁷ Refer to the Device Manufacturer for Material Compatibility information.

Conclusion

Metrex CaviWipes 2.0 emerges as a versatile and reliable solution for maintaining a hygienic environment, especially crucial in the post-COVID-19 era. As a next-generation disinfectant wipe, **CaviWipes 2.0** excels in various critical factors, including efficacy, material compatibility, and user-friendliness. **CaviWipes 2.0** builds on the success of classic CaviWipes, which was tested in the Dental Advisor Biomaterials Lab against other disinfectant wipes. Despite having the lowest concentration of alcohol across all wipes tested, cleaning and disinfection of contaminated surfaces was found to be best accomplished when CaviWipes were used.

With a swift 2-minute contact time and claims against 60 pathogens, **CaviWipes 2.0** offers efficacy in disinfection. Notably, having an Emerging Viral Pathogen claim proves its trustworthiness against a range of pathogens, including SARS-CoV-2 variants.⁸ It achieves all this with user protection in mind, exemplified by the absence of aldehydes, phenols or bleach.

CaviWipes 2.0 emerges as a comprehensive solution for surface and equipment disinfection. Count on **Metrex CaviWipes 2.0** as a tried and trusted ally in the ongoing battle against harmful pathogens, offering a seamless blend of efficacy, protection, and material compatibility in the pursuit of a clean and hygienic environment.⁹



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⁸ Refer to SARS-CoV-2 variants lister on Product Label.

⁹ Molinari, J. A., Nelson, P. (2016) Environmental Surface Cleaning and Disinfection: Effects of Alcohol Concentration (https://www.dentaladvisor.com/pdf-download/?pdf_url=wp-content/uploads/2016/01/TTS27-Caviwipes-Final.pdf)

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The mission of DENTAL ADVISOR is to provide the dental profession with evidence based and clinically relevant information on dental restorative products, infection control products and dental equipment.

DENTAL ADVISOR reports objective clinical evaluations, product comparisons, comprehensive long-term clinical performance studies, and unbiased laboratory test results.

CAVIWIPESTM 2.0 CLINICAL EVALUATION

CaviWipes™ 2.0

Kerr Corporation
www.kerrdental.com

Overview

- 56 Clinical Evaluators
- 2156 Total Uses
- 96% Clinical Rating

Evaluators' Comments

- "More friendly to the treatment room and patient chair than its predecessors."
- "My office has always used CaviWipes. CaviWipes 2.0 are the same wipes that we love but with improved features. The 2-minute efficacy is especially helpful as every minute counts with a busy work day. The wipes also seem to be more wet than the previous version which seems to allow for more surface coverage."
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Indication

- Cleaning and disinfection of non-porous, hard surfaces, inanimate surfaces, and non-critical instruments commonly used in clinical settings.

++++ (96%)

SURFACE DISINFECTANT

DA 2024 WINNER

CaviWipes™ 2.0

2024 AWARDS

VOLUME 41
NUMBER 01
JANUARY/FEBRUARY 2024

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TRANSLATING THE SCIENCE

Number 27 - January 2016
www.dentaladvisor.com

Environmental Surface Cleaning and Disinfection: Effects of Alcohol Concentration

John A. Molinari, Ph.D. and Peri Nelson, B.S. | Dental Consultants, Inc., Ann Arbor, Michigan

INTRODUCTION

Infection prevention programs for health care facilities include environmental surface cleaning and disinfection as fundamental components. The use of chemical disinfectants is warranted in certain instances because it is neither necessary nor possible to sterilize all contaminated items and surfaces after provision of patient care. The importance of environmental asepsis is evident as reported clinical outbreaks have been increasing involving microbial transmissions from environmental surfaces in hospital settings.¹ As examples, recent investigations indicated that contaminated surfaces played important roles in epidemic and endemic transmission of Clostridium difficile, methicillin-resistant Staphylococcus

Table 1. Properties of an Ideal Disinfectant

BROAD SPECTRUM:
■ Should always have the widest possible antimicrobial spectrum
FAST-ACTING:
■ Should always have rapid lethal action on all vegetative forms of bacteria, fungi, viruses.
NOT AFFECTED BY PHYSICAL FACTORS
NONTOXIC:
■ Active in the presence of organic matter such as blood, sputum, and feces.

CAVIWIPESTM 2.0 PRODUCT PAGE



CaviWipes™ 2.0

Surface Disinfectants

Surface Disinfectants

From the leading dental wipe brand comes the next generation, CaviWipes 2.0. With a 2-minute contact time and the material compatibility you trust in CaviWipes, CaviWipes 2.0 is optimized to meet your infection prevention needs today and tomorrow.

- 2-minute universal contact time
- 1-step cleaner and disinfectant
- Trusted material compatibility
- For use against Emerging Viral Pathogens

2-Minute Kill Time

Save time with the quicker kill time that is effective against 60 pathogens in 2 minutes. CaviWipes 2.0 is a similar quat-alcohol formulation as our tried and true CaviWipes. What's the difference? CaviWipes 2.0 uses a 5th generation quat. This next generation quat enables stronger efficacy.

1-Step Wipe

CaviWipes 2.0 works as 1-step cleaner and disinfectant allowing you to save money and time when no gross debris is present. We recommend always following the CDC guidance in using 2-steps by precleaning before you disinfect if the surface is soiled with gross debris.

Excellent Material Compatibility

We have sold over 600,000 canisters of CaviWipes 2.0 to medical facilities and have had zero material compatibility complaints!

Take on Future Viruses and Pathogens CaviWipes 2.0 qualifies for the

KERR TOTALCARE PRODUCT LINE

Kerr TotalCare

Infection Prevention

With millions of dental hygiene appointments a year, we understand the myriad of daily tasks hygienists and assistants face. As Kerr TotalCare, we help with the vital task of protecting against harmful contagious pathogens and reducing the risk of cross contamination. Our highly effective suite of Infection Prevention products helps protect everyone during room prep, procedure and operatory cleanup.

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Choose a Product Line

NEW	Bib Holders	Sealants
Surface Disinfectants	Air/Water Syringe Tips	Instrument Reprocessing
Hand Hygiene	X-ray	Operatory Disposable
Barriers	Prophy Angles	All



PetitePearl™



VioNexus™ No



CaviWipes™ 2.0



CaviWipes™ HP