

IPAC BC Chapter Meeting
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Surface Disinfectants; Myth Busters

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Metrex™
INFECTION PREVENTION

Our Vision

A world without preventable
healthcare-associated infections



Metrex

Our Positioning

To healthcare professionals dedicated to eliminating healthcare-associated infections, Metrex is the only company that offers a system of solutions designed to address cross contamination across the entire healthcare facility.

Trust the protection of your facility, staff and patients to the company thousands of medical healthcare facilities use every day ...Trust Metrex.

- Founded in 1985, Metrex™ products are specifically designed for healthcare markets such as acute care, primary care, ambulatory surgery centers (ASC), EMS/Fire/Police, extended care, and the public sector
- Focus is on **Infection Prevention**
- Products are available exclusively through distribution
- Made in the USA

MetrexTM
INFECTION PREVENTION

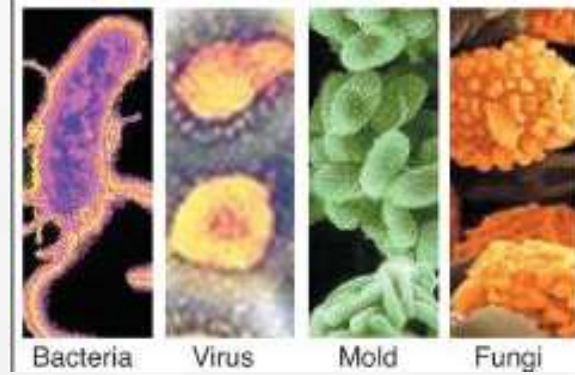
MetrexTM
Protecting People

- Spin Off as of July 1
- Envista
- Investing heavily in R&D
- Committed to launching new products
- Focused on VOC
- Bringing products to market that are relevant to customer needs

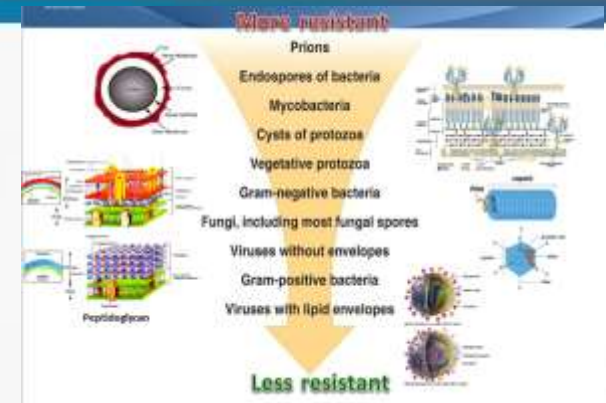
Choosing a Surface Disinfecting Product



Cleaning Properties



Broad Spectrum



Quantity \neq Quality



Contact Time



Compatibility and Aesthetics



Safety

- CaviWipes Highlights

- Low Alcohol + Quat Based disinfecting wipe
- Tuberculocidal, bactericidal, virucidal & fungicidal efficacy
- Excellent cleaner + disinfectant
- High quality, non-linting durable wipes
- Years of proven materials compatibility
- Trusted brand name



CaviWipes

3 minute kill time

- *Mycobacterium tuberculosis* var: bovis (BCG) (TB)
- *Staphylococcus aureus*
- *Pseudomonas aeruginosa*
- *Salmonella enterica*
- *Klebsiella pneumoniae*
- *Bordetella pertussis*
- *Trichophyton mentagrophytes*
- *Candida albicans*
- Multi-Drug Resistant (MDR) *Acinetobacter baumannii*
- Extended Spectrum β -lactamase *Escherichia coli* (ESBL)
- Methicillin Resistant *Staphylococcus aureus* (MRSA)
- Vancomycin Resistant *Enterococcus faecalis* (VRE)
- *Staphylococcus aureus* with reduced susceptibility to vancomycin
- Hepatitis C Virus (HCV)
- Herpes Simplex Virus Types 1 and 2
- Human Immunodeficiency Virus (HIV-1)
- Human Coronavirus (not associated with Severe Acute Respiratory Syndrome or SARS)
- Influenza A2 Virus

- The only 1 minute low alcohol + quat based disinfecting wipe on the market
- Tuberculocidal, bactericidal, virucidal & fungicidal efficacy
- Excellent cleaner + disinfectant
- High quality, non-linting durable wipes
- Materials compatible
- Trusted brand name
- 1 step cleaner + disinfectant



CaviWipes 1

1 minute kill time

- *Mycobacterium tuberculosis* var: bovis (BCG) (TB)
- *Staphylococcus aureus*
- *Pseudomonas aeruginosa*
- *Salmonella enterica*
- *Trichophyton mentagrophytes*
- *Candida albicans*
- Multi-Drug Resistant *Acinetobacter baumannii*
- *Klebsiella pneumoniae*
- *Bordetella pertussis*
- ESBL *Escherichia coli*
- Methicillin Resistant *Staphylococcus aureus* (MRSA)
- Methicillin Resistant *Staphylococcus epidermidis* (MRSE)
- Vancomycin Resistant *Enterococcus faecalis* (VRE)
- Vancomycin Intermediate *Staphylococcus aureus* (VISA)
- Hepatitis B Virus (HBV)
- Hepatitis C Virus (HCV)
- Human Immunodeficiency Virus (HIV-1)
- Herpes Simplex Virus Type 1
- Herpes Simplex Virus Type 2
- Coronavirus
- Norovirus
- Influenza A, H3N2 Virus

CaviWipes Bleach

3 minute contact time

- 1: 10 bleach dilution disinfecting wipes
- Sporicidal, tuberculocidal, bactericidal, virucidal, fungicidal efficacy
- Patent pending Enhanced Chlorine Technology™ (ECT)
- All other products with a *C. diff* claim require a precautionary statement
- No PPE required
- Excellent materials compatibility
- Lower odor (based on VOC)
- 1-step cleaner and disinfectant except when precleaning is required for *C. diff*, blood, and body fluid
- Only EPA registered disinfectant wipe with a claim for *Neisseria gonorrhoeae* (listed as one of the CDC's Urgent Threats)



Myths	Truths
CaviWipes are carcinogenic	As stated in the SDS CaviWipes are not Carcinogenic
CaviWipes are flammable	CaviWipes are not flammable https://www.youtube.com/watch?v=X96EhYaGklo
CaviWipes are toxic	CaviWipes are indicated for use in Neonatal units and NICUs
CaviWipes are hard on materials	CaviWipes have a proven history of excellent materials compatibility
CaviWipes can't be used with other disinfectants like AHP or Bleach	CaviWipes can be used with Bleach or AHP products
CaviWipes are great for equipment but do not kill bugs on surfaces	CaviWipes are broad spectrum and efficacious on equipment and surfaces
CaviWipes leave a residue	Most disinfectants including bleach, hydrogen peroxide, quaternary ammonium, phenol and plant-extract based products will create a buildup that will eventually need removal

Legend:

- Green represents compatibility with a test surface
- Red indicates a lack of compatibility with the test surface.

Test Surface	Compatibility Summary				
	Cavicide Low Alcohol (17.2%)	Cavicide1 Low Alcohol (22.5%)	Low pH Hydrogen Peroxide (0.5%) Product Spray	0.65% Bleach Product Spray	High Alcohol (62%) Product Spray
Acrylic	Green	Green	Red	Red	Red
Polystyrene	Green	Green	Green	Red	Red
PVC	Green	Green	Green	Green	Red
Neoprene	Red	Green	Red	Red	Red
Kraton G	Green	Red	Green	Red	Green
Silicone	Green	Green	Green	Red	Green
EPO TEK 353	Green	Green	Red	Green	Green
Naugahyde	Green	Green	Green	Red	Red
Formica (white)	Green	Green	Green	Red	Red
Formica (black)	Green	Green	Green	Red	Red
Aluminum	Red	Red	Red	Red	Red
Brass	Red	Green	Red	Red	Red
Carbon Steel	Red	Red	Red	Red	Red
Chrome Plated Brass	Green	Green	Red	Red	Red
Copper	Red	Green	Red	Red	Red
Nickel Plated Brass	Green	Red	Red	Red	Green
Stainless Steel	Green	Green	Green	Red	Red
Glass	Green	Green	Green	Green	Red

For Caviwipes, CaviWipes1, Cavicide and CaviCide1

Changes under Section 11 Chronic Hazard

Now states “**None Known**”

TABLE 5: CLEANING STEPS		
CLEANING STEP	PURPOSE	EXAMPLE AGENTS
Deactivation	Render compound inert or inactive	As listed in the HD labeling or other agents which may incorporate Environmental Protection Agency (EPA) registered oxidizers (e.g., peroxide formulations, sodium hypochlorite etc.)
Decontamination	Remove HD residue	Materials that have been validated to be effective for HD decontamination, or through the use of other materials proven to be effective through testing, which may include alcohol, water, peroxide, or sodium hypochlorite
Cleaning	Remove organic and inorganic materials	Germicidal detergent
Disinfection (for sterile manipulations)	Destroy microorganisms	EPA-registered disinfectant and/or sterile alcohol as appropriate for use

← **CaviWipes Bleach**

← **CaviWipes Bleach**

← **CW / CW1**

← **CW / CW1**

Questions???



The image features a background of overlapping, semi-transparent squares in various shades of light blue and grey, creating a grid-like pattern. The word "Metrex" is centered in a bold, blue, sans-serif font. Below it, the words "INFECTION PREVENTION" are written in a smaller, grey, all-caps, sans-serif font. In the bottom right corner, there is a solid blue geometric shape that overlaps the bottom edge of the page.

Metrex™

INFECTION PREVENTION