

Sani-HyPerCide® Disinfectants

Frequently Asked Questions

Q: What is the contact time for **Sani-HyPerCide** Germicidal Disposable Wipe and Germicidal Spray?

A: **Sani-HyPerCide** Wipe is effective against a total of 25 microorganisms. Rapid efficacy, with a 1-minute contact time for all organisms with the ability to address *Clostridioides difficile* in 5-minutes. **Sani-HyPerCide** Spray is effective against a total of 26 microorganisms. Rapid efficacy, with a 1-minute contact time for all organisms with the ability to address *Clostridioides difficile* in 5-minutes. **Sani-HyPerCide** Disinfectant is Bactericidal, Virucidal, Fungicidal, Tuberculocidal, Sporocidal, and is effective against relevant microorganisms including *C. diff*¹, SARS-CoV-2, *Candida auris*, Norovirus and TB.

The specific organisms and contact times are listed below:

Figure 1. List of Disinfection Organisms*

CONTACT TIME	SANI-HYPERCIDE WIPE	SANI-HYPERCIDE SPRAY
1 minute	Antibiotic Resistant Bacteria	
	CRE – <i>K. pneumoniae</i>	CRE – <i>K. pneumoniae</i>
	MDR - <i>A. baumannii</i>	MDR - <i>A. baumannii</i>
	MRSA	MRSA
	VRE	VRE
	NDM-1- Positive <i>E. cloacae</i>	NDM-1- Positive <i>E. cloacae</i>
	ESBL Positive <i>E. coli</i>	ESBL Positive <i>E. coli</i>
1 minute	Bacteria	
	<i>S. enterica</i>	<i>S. enterica</i>
	<i>P. aeruginosa</i>	<i>P. aeruginosa</i>
1 minute	Bloodborne Pathogens	
	Hepatitis B virus (HBV)	Hepatitis B virus (HBV)
	Hepatitis C virus (HCV)	HIV-1 (AIDS virus)
1 minute	Non-Enveloped Viruses	
	Adenovirus type 5	Adenovirus type 5
	Rhinovirus type 1A	Rhinovirus type 1A
	Rotavirus	Rotavirus
1 minute	Enveloped Viruses	
	HSV2	HSV2
	Influenza A virus H3N2 Strain	Influenza A virus H3N2 Strain
	RSV	RSV
1 minute	SARS-CoV-2	SARS-CoV-2



Figure 1. List of Disinfection Organisms, (cont.)*

CONTACT TIME SANI-HYPERCIDE WIPE SANI-HYPERCIDE SPRAY

1 minute	Pathogenic Fungi	
	<i>C. albicans</i>	<i>C. albicans</i>
	<i>C. auris</i>	<i>C. auris</i>
	<i>T. interdigitale</i>	<i>T. interdigitale</i>
1 minute	Mycobacterium (TB) [Tuberculocidal]	
	<i>M. bovis</i> BCG (Tuberculosis) (TB)	<i>M. bovis</i> BCG (Tuberculosis) (TB)
3 minutes	Biofilm Bacteria	
		<i>S. aureus</i>
		<i>P. aeruginosa</i>
5 minutes	<i>Clostridioides difficile</i> [spores]	
	<i>Clostridioides difficile</i> [spores]	<i>Clostridioides difficile</i> [spores]
Total Efficacy Claims	25	26

*The above organisms names may be abbreviated. Please refer to Technical Data Bulletin for detailed list of organism reference numbers and strain information.

Q: Does Sani-HyPerCide Disinfectant have a Biofilm Bacteria kill claim?

A: Sani-HyPerCide Spray does have a Biofilm Bacteria kill claim for *S. aureus* and *P. aeruginosa* at 3 minutes. **Sani-HyPerCide Spray** is useful for targeting these specific organisms in areas such as sinks and drains where biofilm is known to build up. **Sani-HyPerCide Wipe** does not have a Biofilm Bacteria kill claim.

When targeting Biofilm Bacteria, preclean surfaces to remove soil and filth and then wipe dry. Thoroughly wet precleaned surface with **Sani-HyPerCide Spray**. Allow the surface to remain wet for 3 minutes and then rinse thoroughly.

Q: What are the active ingredients in the Sani-HyPerCide Disinfectant?

A: Sani-HyPerCide Wipe and Sani-HyPerCide Spray are both comprised of a hydrogen peroxide formulation with active ingredients as follows:

Hydrogen Peroxide	4.04%
Other ingredients	95.96%
Total	100.000%

Q: Are Sani-HyPerCide Disinfectants effective against *C. diff*?

A: Yes, both Sani-HyPerCide Spray and Wipe are effective against *Clostridioides difficile* within 5 minutes.

Q: How does Sani-HyPerCide Disinfectant differ from standard disinfectants?

A: Sani-HyPerCide Disinfectant is the first and only ready-to-use hydrogen peroxide formula that offers powerful disinfection and versatile compatibility. It can kill *Clostridioides difficile* within 5 minutes. The product is easy to use in that no mixing or dilution is required. In addition, benchmark testing has shown that **Sani-HyPerCide disinfectant** is more compatible on surfaces and materials than competitive bleach products in that it leaves behind less unsightly visible residue, which eliminates any secondary cleaning steps.²

Q: What are the EPA Registration numbers for Sani-HyPerCide Disinfectant?

A: The EPA Registration Number is as follows:

- + **Sani-HyPerCide Germicidal Disposable Wipe:** 9480-16
- + **Sani-HyPerCide Germicidal Spray:** 9480-14

Q: What is the shelf life for **Sani-HyPerCide** Disinfectant?

A: The shelf life for **Sani-HyPerCide** Wipe is 18 months. The shelf life of **Sani-HyPerCide** Spray is 24 months. Product can be used until the expiration date, even after being opened. Expiration date is considered the last day of the month of expiry.

Q: Do the **Sani-HyPerCide** Disinfectants have a *soft surface* sanitization claim?

A: **Sani-HyPerCide** Wipe does not have a *soft surface* sanitization claim; it does have a hard nonporous, non-food contact sanitization claim.

Sani-HyPerCide Spray does have a *soft surface* sanitization claim for *K. aerogenes* and *S. aureus* at 1 minute.

Q: Does **Sani-HyPerCide** Disinfectant have an emerging viral pathogen claim?

A: Yes, **Sani-HyPerCide** Disinfectant meets the emerging viral pathogen claim based on efficacy claims for Adenovirus Type 5, Rhinovirus Type 1A, and Norovirus. The customer should follow the instructions for the Adenovirus Type 5, Rhinovirus Type 1A, and Norovirus 1-minute contact time, unless a claim for the emerging pathogen has been specifically tested for and approved (i.e., SARS-CoV-2).

Q: Can **Sani-HyPerCide** Spray be used with an Electrostatic Sprayer?

A: Yes, **Sani-HyPerCide** Spray can be used with an Electrostatic Sprayer on hard, nonporous surfaces only. The ability to use **Sani-HyPerCide** Spray with an Electrostatic Sprayer can be especially useful in Environmental Services.

The disinfection instructions for use with an Electrostatic Sprayer are listed below:

1. Consult User Manual for Electrostatic Sprayer before use.
2. Ensure no bystanders or pets are in the room that is to be treated. Operator should wear a half face respirator with chemical specific cartridges.
3. Place the electrostatic spray function in the ON position for electrostatic spray models that have the functionality to toggle ON/OFF. If the sprayer has the ability to change nozzles that impact particle size, set the particle size to a volume median diameter (VMD) $\geq 40 \mu\text{m}$.
4. Preclean visibly soiled areas.
5. Using the sprayer, apply disinfectant evenly over the hard, nonporous surface to be cleaned, 6-24 inches from surface, making sure to wet surfaces thoroughly.
6. All surfaces must remain visibly wet for 1 minute. Let air dry or wipe excess liquid using a towel.

Q: What are the key product details of **Sani-HyPerCide** Disinfectant?

A:

	REORDER NO.	WIPE SIZE	WIPE COUNT	CASE PACK	TI/HI	CASE WEIGHT	CASE CUBE
Sani-HyPerCide® Germicidal Disposable Wipe and Spray							
Large Canister	P27372	6" x 6.75"	160	160/can, 12 cans/case	10/3	23.58 lbs	1.430 ft ³
Extra Large Canister	P26584	7.5" x 15"	65	65/can, 6 cans/case	10/4	15.10 lbs	0.936 ft ³
Spray	X13109	32 oz	N/A	32 oz/bottle, 9 bottles/case	13/3	23.30 lbs	1.054 ft ³

Q: What are the Global Trade Item Numbers (GTINs) for **Sani-HyPerCide** Wipe and Spray?

A:

	REORDER NO.	GTIN FOR CANISTER	GTIN FOR CASE
Sani-HyPerCide® Germicidal Disposable Wipe and Spray			
Large Canister	P27372	00310819008914	20310819008918
Extra Large Canister	P26584	00310819008907	20310819008901
Spray	X13109	00310819008785	20310819008789

Q: Would **Sani-HyPerCide** Disinfectant ideally be used by EVS or Nursing or both?

A: Both, depending on the needs of the facility and the ownership of cleaning of the chosen areas where **Sani-HyPerCide** Disinfectant is to be utilized. However, **Sani-HyPerCide** Disinfectant was designed with the Environmental Services (EVS) professionals in mind. **Sani-HyPerCide** Disinfectant is convenient and easy to use, as it does not require the hassle of traditional dispensing systems, delivers a consistent amount of solution with each use, and requires no mixing or dilution.

Q: What are the handling characteristics of the **Sani-HyPerCide** Wipe design?

A: **Sani-HyPerCide** Wipe is thick, absorbent, and has a cloth-like texture with an embossed design. The embossed design is low linting for sensitive equipment surfaces and tear resistant. It is strong, yet durable and helps remove blood and bodily fluids from surfaces.

Q: What key units or departments can be targeted for the clinical benefit of **Sani-HyPerCide** Disinfectant?

A: **Sani-HyPerCide** Disinfectant and its unique ready-to-use hydrogen peroxide formula would be beneficial in any unit or department, including ICUs, NICUs, Oncology, EDs, Surgical Services, Dialysis, patient rooms, waiting rooms, etc.

Q: What are some ideal areas for **Sani-HyPerCide** Disinfectant use in the healthcare setting?

A: **Sani-HyPerCide** Disinfectant may be used facility wide in both daily or terminal disinfection. The product can be used on hard, nonporous surfaces. Examples of surfaces are listed below:

- + Ambulances and equipment surfaces, Anesthesia equipment
- + Bed railings, blood glucose meters, blood pressure cuffs
- + CAT labs, Critical Care Units (CCU)
- + Cabinets, Cardiac Monitors, EVS carts
- + Clinics, Counters, Chairs, Dental Offices and Equipment
- + Defibrillators, Doctors' offices, Dialysis clinics, Donation centers
- + Emergency rooms, EMS transport vehicles, Exam tables
- + Electronic/Tympanic thermometers, Eye surgical centers, Endodontic equipment
- + Gurneys, Health Care Facilities, Home Health Care, Hospitals, Hospices
- + ICUs, Isolation areas, IV poles and pumps, infant incubators
- + Labs and equipment, Laundry rooms, Long Term Care Centers, MICU
- + Newborn nursery, Nursing homes and rooms, NICU, Operating rooms
- + Oncology facilities, Ophthalmic offices, Orthopedics unit, Out-Patient surgical centers
- + Operatory light switches, Oscopes, OR tables and lights, Oxygen hoods
- + Patient lift equipment, Physical Therapy (PT) equipment surfaces
- + Patient care areas, Patient rooms, Pediatrics unit, PICU
- + Pulse oximeter, PACU, Radiology unit and equipment, Respiratory therapy areas
- + Recovery rooms, Rehabilitation centers, Restrooms, SICU
- + Surgical centers, Surgical areas, Spine back board, Stretchers, Stools, Tables
- + Stethoscopes, Telephones, Toilet seats, Transport vehicles, Urgent Care centers
- + Workstations on wheels (WOW), X-ray equipment

Sani-HyPerCide Spray can also be used on soft surfaces in addition to hard, nonporous surfaces. Examples of surfaces are listed below:

+ Blinds, Chairs, Cotton and or polyester fabric, Couches, Curtains, Furniture

Q: Is Sani-HyPerCide Disinfectant intended to help a facility consolidate SKUs?

A: This will be a facility-specific choice. **Sani-HyPerCide** Disinfectant may replace bleach products and or quat/alcohol disinfectants currently in use to standardize SKUs. Or **Sani-HyPerCide** Disinfectant can be used to supplement the current disinfectant products within the facility as part of a layered strategy for surface and equipment disinfection.

Q: Is there a cost savings associated with the Sani-HyPerCide Wipe?

A: Yes, there is a possibility of cost savings associated with **Sani-HyPerCide Wipe**. The greatest opportunity for cost savings would be in EVS departments who are using Microfiber rental programs. PDI has developed a cost calculator tool to help demonstrate cost savings when switching from EVS microfiber programs to the **Sani-HyPerCide Wipe**.

Q: What is the compatibility profile on Sani-HyPerCide Disinfectant?

A: Sani-HyPerCide Disinfectant is compatible with a broad range of surfaces and materials found in healthcare, including ABS plastic, stainless steel, and porcelain. Always refer to the device manufacturer's instructions for use to determine equipment compatibility.

Q: How does the lid on Sani-HyPerCide Wipe help make disinfection easier and more efficient?

A: The **Sani-HyPerCide Wipe** features PDI's new Dual Access Lid, an intuitive design that enables quick dispensing of a single wipe or multiple wipes. There is a wide opening for rapid initial thread and reload, as well as a flip cap featuring Snap & Close Technology and definitive open/close positions to help eliminate wipes from drying out.

Q: Does NFPA 30 (National Fire Protection Association's Flammable and Combustible Liquids Code) apply to Sani-HyPerCide Disinfectant?

A: NFPA 30 applies to the storage of flammable and combustible liquids. **Sani-HyPerCide Wipes** are exempt from the requirements of NFPA 30 because the scope of NFPA 30 (Section 1.1) states that it applies to the storage, handling and use of flammable and combustible liquids. **Sani-HyPerCide** Disinfectant has a NFPA rating of 0 for flammability and is therefore exempt from this storage requirement.

Q: What is the scent profile of Sani-HyPerCide Disinfectant?

A: Sani-HyPerCide Disinfectant has an acetic acid/vinegar scent.

1. Formerly known as *Clostridium difficile*, now known as *Clostridioides difficile*.
2. Data on file.