



FOOD SAFETY is our Passion.
Making it **SIMPLE** is our Mission.®



Sani Professional Item # P31000
EPA Reg. No.: 9480-9

TECHNICAL DATA BULLETIN



Sani Professional® Advanced Disinfecting Multi-Surface Wipes

PRODUCT DESCRIPTION

Sani Professional® Advanced Disinfecting Multi-Surface Wipes are a nonwoven, disposable cloth, pre-saturated with a quaternary disinfectant. Each pre-moistened wipe cleans, deodorizes, and kills germs.¹ Effective against 45 microorganisms and disinfects in just 3 minutes, this wipe kills 99.9% of bacteria in 15 seconds and now comes in convenient bulk packaging.

CHEMICAL COMPOSITION/PRODUCT DATA

Active Ingredients:	
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides	0.14%
n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides	0.14%
Other Ingredients	99.72%
TOTAL	100.00%

Each cloth is saturated with 2,800 parts per million of active quaternary ammonium chlorides.

¹Kills Influenza A virus H3N2, SARS-CoV-2, other viruses listed on label, Salmonella enterica, Staphylococcus aureus, Listeria monocytogenes, Campylobacter jejuni.



TOXICITY

ACUTE TOXICITY TEST

CONCLUSION

Acute Oral Toxicity

A single dose of **Sani Professional® Advanced Disinfecting Multi-Surface Wipes** solution was administered and observed for 14 days. No signs of toxicity were observed during the 14 day observation period of this study. Based on the results of this study, the acute oral toxicity LD50 of **Sani Professional® Advanced Disinfecting Multi-Surface Wipes** was greater than 5000 mg/kg of body weight.



Acute Eye Irritation

One eye of each subject was instilled with the undiluted solution, while the contralateral eye remained untreated and served as a control. Under the conditions of the test, **Sani Professional® Advanced Disinfecting Multi-Surface Wipes** produced eye irritation clearing in 7 days or less.



Acute Dermal Toxicity

Following the single dermal administration, the subjects were observed for 14 days. Under the conditions of this test, the acute dermal LD50 of **Sani Professional® Advanced Disinfecting Multi-Surface Wipes** was found to be greater than 5.0 g/kg of body weight.



Acute Skin Irritation

This test was conducted according to U.S. Environmental Protection Agency guidelines in effect at the time of testing. The subjects were exposed to the undiluted solution for 72 hours. Under the conditions of the test, **Sani Professional® Advanced Disinfecting Multi-Surface Wipes** produced minimal irritation in one subject clearing within 72 hours.



Skin Sensitization

This test was conducted according to U.S. Environmental Protection Agency guidelines in effect at the time of testing to determine the potential for **Sani Professional® Advanced Disinfecting Multi-Surface Wipes** to produce sensitization after repeated topical applications. Based on the results of this test, **Sani Professional® Advanced Disinfecting Multi-Surface Wipes** would not be considered a dermal sensitizing agent.



Acute Inhalation Toxicity

This test was conducted according to U.S. Environmental Protection Agency guidelines in effect at the time of testing. The subjects were exposed to the aerosolized product for a four hour period. Based on the results of this study, the acute inhalation toxicity LD50 of **Sani Professional® Advanced Disinfecting Multi-Surface Wipes** is greater than 2.57 mg/L of air for a 4 hour period.





EFFICACY

BACTERIAL ORGANISM EFFICACY

MULTI-DRUG RESISTANT BACTERIA:

Acinetobacter baumannii, Multi-Drug Resistant [ATCC 19606]

ESBL Resistant *Escherichia coli* (E. coli) [ATCC BAA-196]

Escherichia coli – NDM-1 Positive [CDC 1001728]

ESBL Resistant *Klebsiella pneumoniae* [ATCC 700603]

Klebsiella pneumoniae - Carbapenem Resistant [ATCC BAA-1705]

Klebsiella pneumoniae - NDM-1 Positive [CDC 1000527]

Community Acquired Methicillin Resistant *Staphylococcus aureus* (CA-MRSA) [NARSA NRS384] [Genotype USA 300]

Community Acquired Methicillin Resistant *Staphylococcus aureus* (CA-MRSA) [NARSA NRS123] [Genotype USA 400]

Methicillin Resistant *Staphylococcus aureus* (MRSA) [ATCC 33592]

Streptococcus pneumoniae – Penicillin Resistant [ATCC 700677]

Vancomycin Resistant *Staphylococcus aureus* (VISA) [NARSA VRS1]

Vancomycin Resistant *Enterococcus faecalis* (VRE) [ATCC 51575]

Test Method:	Modified AOAC Germicidal Spray Method for Hard Surface Disinfection
Organic Soil Load:	5% Fetal Bovine Serum
Exposure Time:	3 minutes at 68-69.8°F
Incubation:	2-8 days at 95-98.6°F
Results:	No growth observed

BACTERIA:

Bordetella bronchiseptica [ATCC 10580]

Bordetella pertussis [ATCC 12743]

Burkholderia cepacia [ATCC 25416]

Campylobacter jejuni [ATCC 29428]

Klebsiella aerogenes [ATCC 13048]

Escherichia coli [ATCC 11229]

Escherichia coli O157:H7 [ATCC 35150]

Klebsiella pneumoniae [ATCC 4352]

Listeria monocytogenes [ATCC 19111]

Proteus vulgaris [ATCC 9920]

Pseudomonas aeruginosa [ATCC 15442]

Salmonella enterica [ATCC 10708]

Serratia marcescens [ATCC 14756]

Shigella dysenteriae [ATCC 11835]

Staphylococcus aureus [ATCC 6538]

Streptococcus pyogenes [ATCC 19615]

Vibrio cholera [ATCC 11623]

Yersinia enterocolitica [ATCC 23715]

Test Method:	Modified AOAC Germicidal Spray Method for Hard Surface Disinfection
Organic Soil Load:	5% Fetal Bovine Serum
Exposure Time:	3 minutes at 68-69.8°F
Incubation:	2-6 days at 95-98.6°F
Results:	No growth observed





EFFICACY (continued)

***MYCOBACTERIUM BOVIS* - BCG (TB):**

Test Method:	Modified AOAC Tuberculocidal Method for Pre-saturated Towelettes for Hard Surface Disinfection
Organic Soil Load:	5% Horse Serum
Exposure Time:	3 minutes at 68°F
Incubation:	90 days at 98.6°F
Results:	No growth observed

PATHOGENIC FUNGI EFFICACY

YEAST ORGANISM:

Candida albicans [ATCC 10231]

Test Method:	Modified AOAC Germicidal Spray Method for Hard Surface Disinfection
Organic Soil Load:	5% Fetal Bovine Serum
Exposure Time:	3 minutes at 69.8°F
Incubation:	3 days at 77.86°F
Results:	No growth observed

VIRAL ORGANISM EFFICACY

ENVELOPED VIRUSES:

Avian Influenza A H5N1 virus [Strain VNH5N1-PR8/CDC-RG CDC #2006719965]

Cytomegalovirus [ATCC VR-538], Strain AD-169

Herpes simplex virus type 2 [ATCC VR-734], Strain G

Human Coronavirus [ATCC VR-740], Strain 229E

Influenza A virus H3N2 Strain [ATCC VR-544]

Influenza B virus [ATCC VR-823]

Respiratory syncytial virus (RSV) [ATCC VR-26], Strain Long

Severe Acute Respiratory Syndrome-Related Coronavirus 2 (SARS-CoV-2)(COVID-19 Virus), Strain USA-WA1/2020

NON-ENVELOPED VIRUSES:

Adenovirus type 5 [Strain Adenoid 75] [ATCC VR-5]

Rotavirus [Strain WA]

Test Method:	Tests were conducted according to U.S. Environmental Protection Agency guidelines in effect at the time of test for determining the virucidal efficacy of disinfectants intended for use on dry inanimate surfaces.
Organic Soil Load:	5% Fetal Bovine Serum
Exposure Time:	3 minutes at 68°F
Results:	Virucidal according to the criteria established by the U.S. Environmental Protection Agency for registration and labeling of a disinfectant product as a virucide.





EFFICACY (continued)

BLOODBORNE PATHOGENS:

Hepatitis B virus (HBV) - Duck HBV [Strain 7/31/07]

Hepatitis C virus (Human) (HCV) - Bovine Diarrhea Virus [Strain Oregon C24v-genotype 1]

Test Method:	Tests were conducted according to U.S. Environmental Protection Agency guidelines in effect at the time of test for determining virucidal efficacy of disinfectants intended for use on dry inanimate surfaces.
Organic Soil Load:	Hepatitis B virus (HBV) 100% Duck Serum Hepatitis C virus (HCV) 5% Horse Serum
Exposure Time:	3 minutes at 68-69.8°F
Results:	Virucidal against Hepatitis B and Hepatitis C viruses according to the criteria established by the U.S. Environmental Protection Agency for registration and labeling of a disinfectant product as a virucide.

HIV-1 (AIDS VIRUS) [Strain HTLV-III_g]

Test Method:	This test was conducted according to U.S. Environmental Protection Agency guidelines in effect at the time for determining virucidal efficacy of disinfectants intended for use on dry inanimate surfaces.
Organic Soil Load:	5% Fetal Bovine Serum
Exposure Time:	30 seconds at 68°F
Results:	Virucidal against Human Immunodeficiency Virus Type 1 according to the criteria established by the U.S. Environmental Protection Agency for registration and labeling of a disinfectant product as a virucide.

NON-FOOD CONTACT SANITIZER ORGANISM EFFICACY

BACTERIAL ORGANISMS:

Campylobacter jejuni [ATCC 29428]

Escherichia coli O157:H7 [ATCC 35150]

Escherichia coli [ATCC 11229]

Klebsiella pneumoniae [ATCC 4352]

Listeria monocytogenes [ATCC 19111]

Community Acquired Methicillin Resistant *Staphylococcus aureus* (CA-MRSA)(NARSA NRS384)(Genotype USA 300)

Community Acquired Methicillin Resistant *Staphylococcus aureus* (CA-MRSA)(NARSA NRS123)(Genotype USA 400)

Pseudomonas aeruginosa [ATCC 15442]

Salmonella enterica [ATCC 10708]

Staphylococcus aureus [ATCC 6538]

Methicillin Resistant *Staphylococcus aureus* (MRSA)[ATCC 33592]

Streptococcus pyogenes [ATCC 19615]

Test Method:	Modified ASTM Standard Test Method for Efficacy of Sanitizers Recommended For Non- Food Contact Surfaces
Organic Soil Load:	5% Fetal Bovine Serum
Exposure Time:	15 seconds at 68-71.6°F
Incubation:	48 hrs +/- 4 hrs at 95-98.6°F
Results:	Meets the efficacy data requirements set forth by the by the U.S. Environmental Protection Agency for non-food sanitizer label claims that a minimum of a 99.9% reduction of the test organism was achieved





EASY TO DISPENSE, USE, AND DISPOSE

Precautionary Statements

Hazards to Humans and Domestic Animals.

CAUTION: Causes moderate eye irritation. Avoid contact with eyes and clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using toilet.

FIRST AID: Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or healthcare professional or doctor or going for treatment.

If in eye: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Dispensing

To Dispense Wipes: Open package lid. Pull ring to completely remove inner seal. Find center of wipe roll, remove first wipe for use, thread next wipe through the hole in the packaging lid. To secure wipe, pull wipe down into small opening. Dispense single wipes as necessary by pulling out at an angle through the small opening. Dispense multiple wipes as necessary by pulling through the large opening. Pull down into small opening to tear. Snap lid closed after use to retain moisture.

Directions For Use

To Disinfect Hard, Nonporous Surfaces:

Use a wipe to remove visible soil prior to disinfecting. Unfold a clean wipe and thoroughly wet surface. Allow surface to remain visibly wet for three (3) minutes. Use additional wipe(s), if needed, to ensure continuous three (3) minute visibly wet contact time. Let air dry. A potable water rinse is required for food contact surfaces.

To Sanitize Hard, Nonporous, Non-Food Contact Surfaces:

Use a wipe to remove visible soil prior to sanitizing. Unfold a clean wipe and thoroughly wet surface. Allow surface to remain visibly wet for fifteen (15) seconds. Let air dry.

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

Storage: Store in dry location.

Towelette Disposal: Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet.

Dispenser Handling: Put empty packaging in trash collection.

FROM THE MAKERS OF THE #1 BRAND IN FOOD SERVICE

Introducing our new advanced disinfecting wipe—designed for high-traffic environments where cleanliness, efficiency, and sustainability matter most. This alcohol-free, bleach-free formula is ideal for routine cleaning and disinfecting on a wide range of hard, nonporous surfaces. The innovative bulk-packaging design provides more wipes per package while reducing plastic waste compared to traditional canisters, helping organizations support their sustainability initiatives without compromising performance. Registered in all 50 states plus D.C., these wipes are an excellent solution for large spaces including: cafeterias*, athletic facilities, cruise ships, hotels, public restrooms, and grocery stores.

For use on the following types of surfaces:

Acrylic, finished woodwork Formica®¹, glazed ceramic, glazed enamel surfaces, glazed porcelain, metal, plastic [e.g., poly-Styrene or poly-Propylene], sealed stone, stainless steel and upholstery-vinyl & plastic.

Do not use on natural marble, windows, unpainted wood, brass, or colored grout.

*A thorough rinse with potable water is required for surfaces in direct contact with food.

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Made in USA with domestic and imported materials

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