



# **SANI-CLOTH<sup>®</sup> HB**

## **Germicidal Disposable Wipe**

**For the disinfection of hard nonporous environmental surfaces**

# **TECHNICAL DATA BULLETIN**

**EPA REG. NO. 61178-4-9480**

**A SANI-SYSTEM<sup>®</sup> BRAND PRODUCT**  
*Convenience • Compliance • Control*



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# SANI-CLOTH® HB

## PRODUCT DESCRIPTION

A dual chain quaternary ammonium chloride solution impregnated in a wiping cloth. A non-woven disposable cloth for use in hospitals and other critical care areas where the control of the hazards of cross-contamination is required. Use on surfaces and equipment such as stainless steel, Formica®, glass, tables, carts, counters, cabinets, telephones and other hard non-porous surfaces.

## CHEMICAL COMPOSITION

### Active ingredients

Alkyl (C<sub>14</sub> 60%, C<sub>18</sub> 30%, C<sub>12</sub> 5%, C<sub>18</sub> 5%) dimethyl benzyl ammonium chloride . . . . . 0.07%

Alkyl (C<sub>12</sub> 68%, C<sub>14</sub> 32%) dimethyl ethylbenzyl ammonium chloride . . . . . 0.07%

Other ingredients . . . . . 99.86%

Each cloth is saturated with 1,400 ppm of active dual chain quaternary ammonium chlorides.

## TOXICOLOGY

TEST	SUBJECT	RESULTS
Acute Dermal Toxicity	rabbits	Not an Irritant
Acute Oral Toxicity	rats	Not an Irritant
Dermal Irritation	rabbits	Not an Irritant
Ocular Irritation	rabbits	Not an Irritant

## EFFICACY

ORGANISM	ATCC#	ORGANIC LOAD	CONTACT TIME
Acinetobacter calcoaceticus var. anitratus	GBL 117	5% serum	10 minutes
Acinetobacter calcoaceticus var. lwoffii	GBL 118	5% serum	10 minutes
Actinobacillus pleuropneumoniae	27088	5% serum	10 minutes
Actinomyces pyogenes	19411	5% serum	10 minutes
Adenovirus type 2	VR-846	5% serum	30 minutes
Aspergillus candidus	Environmental Isolate	5% serum	10 minutes
Aspergillus niger	AIDS Isolate	5% serum	10 minutes
Aspergillus niger	Environmental Isolate	5% serum	5 minutes
Avian Influenza/Turkey/Wisconsin Virus	VR-798	5% serum	10 minutes
Bacillus cereus	11778	5% serum	10 minutes
Bordetella bronchiseptica	19395	5% serum	10 minutes
Bordetella bronchiseptica	GBL 140	5% serum	10 minutes
Brevundimonas dimunita	GBL 128	5% serum	10 minutes
Burkholderia cepacia	GBL 165	5% serum	10 minutes
Burkholderia pickettii	49729	5% serum	10 minutes
Campylobacter jejuni	29428	5% serum	10 minutes
Candida albicans	AIDS Isolate (C-3)	5% serum	10 minutes
Canine Distemper Virus	GBL # 85124	5% serum	10 minutes
Canine Herpesvirus	VR-522	5% serum	10 minutes
Chryseomonas luteola	43273	5% serum	10 minutes
Corynebacterium pseudotuberculosis	19410	5% serum	10 minutes
Cryptococcus neoformans	AIDS Isolate (C-2)	5% serum	10 minutes
Cytomegalovirus	VR-284	5% serum	30 seconds

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ORGANISM	ATCC#	ORGANIC LOAD	CONTACT TIME
Duck Hepatitis Virus	Duck HBV	5% serum	10 minutes
Enterobacter aerogenes (Non-Food Sanitizer)	13048	5% serum	1 minute
Enterobacter agglomerans (AR)	1746	5% serum	10 minutes
Enterobacter cloacae	1994	5% serum	10 minutes
Enterobacter cloacae	GBL 279	5% serum	10 minutes
Enterobacter gergoviae	GBL 233	5% serum	10 minutes
Enterobacter liquifaciens	404 Roche	5% serum	10 minutes
Enterococcus faecalis	1786-2	5% serum	10 minutes
Herpesvirus	VR-700	5% serum	10 minutes
Equine Influenza Virus	VR-297	5% serum	10 minutes
<b>Escherichia coli</b>	<b>GBL # 101</b>	<b>5% serum</b>	<b>10 minutes</b>
Escherichia coli (Food Contact Sanitizer)	11229	none	30 seconds
Escherichia coli (Urinary) (AR)	1888	5% serum	10 minutes
Escherichia coli (Wound) (AR)	Isolate	5% serum	10 minutes
Escherichia coli strain O157:H7	8739	5% serum	10 minutes
Escherichia vulneris	Isolate	5% serum	10 minutes
Feline Calicivirus	Upjohn	5% serum	10 minutes
Feline Infectious Peritonitis Virus	VR-990	5% serum	10 minutes
Flavobacterium meningosepticum	Roche 1	5% serum	10 minutes
Hafnia alvei	2006	5% serum	10 minutes
<b>Hepatitis B Virus</b>	<b>NY Blood Center</b>	<b>5% serum</b>	<b>10 minutes</b>
Herpes Simplex type 1 Virus	VR-260	5% serum	10 minutes
Herpes Simplex type 2 Virus	VR-734	5% serum	30 seconds
<b>HIV-1</b>		<b>10% serum</b>	<b>30 seconds</b>
Infectious Bovine Rhinotracheitis Virus	VR-188	5% serum	10 minutes
Influenza A/Brazil Virus	N.J. Dept. of Health	5% serum	10 minutes
Influenza A/Victoria Virus	VR-822	5% serum	10 minutes
Influenza B (Allen strain) Virus	VR-102	5% serum	30 seconds
Influenza C (Taylor strain) Virus	VR-104	5% serum	30 seconds
Klebsiella oxytoca (AR)	1737	5% serum	10 minutes
Klebsiella pneumoniae	GBL 132	5% serum	10 minutes
Klebsiella pneumoniae type 1	GBL 120	5% serum	10 minutes
Listeria monocytogenes	984	5% serum	10 minutes
Measles Virus	VR-24	5% serum	30 seconds
Micrococcus luteus	GBL 9	5% serum	10 minutes
Morganella morganii (AR)	1747	5% serum	10 minutes
Newcastle Disease Virus	VR-109	5% serum	10 minutes
Parainfluenza type 1 Virus	VR-105	5% serum	10 minutes
Pasteurella haemolytica	43823	5% serum	10 minutes
Penicillium chermesinum	Environmental Isolate	5% serum	10 minutes
Penicillium oxalicum	Environmental Isolate	5% serum	5 minutes
Penicillium spinulosum	Environmental Isolate	5% serum	5 minutes
Poliovirus type 1 (Chat strain)	VR-192	5% serum	30 minutes
Porcine Parvovirus	VR-742	5% serum	10 minutes
Proteus mirabilis	1750	5% serum	10 minutes
Proteus mirabilis	GBL 104	5% serum	10 minutes
Proteus vulgaris	1850	5% serum	10 minutes

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ORGANISM	ATCC#	ORGANIC LOAD	CONTACT TIME
PRRSV	NVSL	5% serum	10 minutes
<i>Pseudomonas aeruginosa</i>	15442	5% serum	10 minutes
<b><i>Pseudomonas aeruginosa</i></b>	<b>AIDS Isolate (C-6)</b>	<b>5% serum</b>	<b>10 minutes</b>
<i>Streptococcus Pseudomonas aeruginosa (AR)</i>	1897	5% serum	10 minutes
<i>Pseudomonas fluorescens</i>	GBL 131	5% serum	10 minutes
<i>Pseudomonas pickettii</i>	49729	5% serum	10 minutes
<i>Pseudomonas pseudomallei</i>	55	5% serum	10 minutes
<i>Pseudomonas putida</i>	239	5% serum	10 minutes
<i>Pseudomonas stutzeri</i>	GBL 116	5% serum	10 minutes
Pseudorabies Virus	VR-135	5% serum	30 seconds
<i>Rhodococcus equi</i>	6939	5% serum	10 minutes
<i>Salmonella choleraesuis</i>	10708	5% serum	10 minutes
<i>Salmonella typhi</i>	6539	5% serum	10 minutes
<i>Salmonella typhosa</i>	GBL 123	5% serum	10 minutes
<i>Serratia marcescens</i>	GBL 135	5% serum	10 minutes
<i>Shigella paradysenteriae flexnerii</i>	GBL 105	5% serum	10 minutes
<b><i>Staphylococcus aureus</i></b>	<b>6538</b>	<b>5% serum</b>	<b>10 minutes</b>
<i>Staphylococcus aureus</i> (Food Contact Sanitizer)	6538	none	30 seconds
<i>Staphylococcus aureus</i> (MR)	GBL 786,33591	5% serum	10 minutes
<i>Staphylococcus aureus</i> (Non-Food Sanitizer)	6538	5% serum	1 minute
<i>Staphylococcus aureus</i> (Toxic Shock)	GBL 750	5% serum	10 minutes
<i>Staphylococcus auricularis</i>	33753	5% serum	10 minutes
<i>Staphylococcus capitis</i>	Clinical Isolate	5% serum	10 minutes
<i>Staphylococcus epidermidis</i>	GBL 6	5% serum	10 minutes
<i>Staphylococcus epidermidis</i> (Drug Resistant)	1807 SMMC	5% serum	10 minutes
<i>Staphylococcus hominis</i>	29885	5% serum	10 minutes
<i>Staphylococcus saprophyticus</i>	GBL 59	5% serum	10 minutes
<i>Staphylococcus simulans</i>	11631	5% serum	10 minutes
<i>Stenotrophomonas maltophilia</i>	Clinical Isolate	5% serum	10 minutes
<i>Streptococcus agalactiae haemolytica</i>	1749	5% serum	10 minutes
<i>Streptococcus beta hemolytica</i>	SMMC 1868	5% serum	10 minutes
<i>Streptococcus equi</i> var. <i>equi</i>	33398	5% serum	10 minutes
<i>Equi</i> var. <i>zooepidermicus</i>	43079	5% serum	10 minutes
<i>Streptococcus haemolyticus</i>	SMMC	5% serum	10 minutes
<i>Streptococcus pneumo</i>	GBL 20	5% serum	10 minutes
<i>Streptococcus pneumoniae</i>	AIDS Isolate (C-5)	5% serum	10 minutes
<i>Streptococcus pyogenes</i>	19615	5% serum	10 minutes
<i>Streptococcus simulans</i>	GBL 780	5% serum	10 minutes
T1 Bacteriophage	11303-B1	0.2% serum	10 minutes
T4 Bacteriophage	11303-B4	0.2% serum	10 minutes
Transmissible Gastroenteritis Virus	VR-763	5% serum	10 minutes
<i>Treponema pallidum</i>	81136	5% serum	10 minutes
<i>Trichophyton mentagrophytes</i>	9533	5% serum	5 minutes
<i>Ulocladium</i> sp.	Environmental Isolate	5% serum	5 minutes
Vaccinia Virus	Hoffman-LaRoche	5% serum	10 minutes
Vesicular Stomatitis Virus	GBL # 48038	5% serum	10 minutes
<i>Yersinia enterocolitica</i>	23715	5% serum	10 minutes