

Sprixx™ Alcohol Hand Sanitizer Monogram

This information is made available to enable you, the user, to have a better understanding of our product(s). It is complete and up-to-date to the best of our knowledge.

PART I – Company Information

Name of Company: Sprixx, Inc

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Product: Alcohol based sanitizing gel/solution

PART II –Product Information

Product Specifications with Percentage Concentration of Actives

Parameter Unit of Measure Range of Variation

Assay Ethyl Alcohol as % w/w - 63%

pH -log10

[H+] 6.5 – 8.5

Identification Specific gravity 0.85 – 0.88

Hospital Grade Sanitizer for Hands

The chemical composition of Sprixx™ is the prescribed percentage in the specifications of the ethyl alcohol above and non-actives that act as skin emollients and anti-desiccating agents to leave hands moisturized without a sticky residue.

Product Recommendations for Use:

Sprixx™ is a convenient, safe, and cost-effective method for disinfecting hands not visibly soiled. Wash with soap and water when visible soil is present.

Note:

- **Sprixx™ contains no lanolin that may cause allergic reactions.**
- **Sprixx™ contains no carbomers that react adversely with other chemicals such as Chlorhexidine**

Sprixx™ meets or exceeds the minimum standard for hand sanitation including the most recent World Health Organization (WHO), CDC (Center for Disease Control) Guidelines on Hand Hygiene in Health Care settings and The Institute for Healthcare Improvements (IHI) How-to Guide - Improving Hand Hygiene.

Sprixx™ on Toxicity

Sprixx™ is non-toxic when applied to intact skin. Sprixx™ will not harm surfaces that are proven to be unaffected by alcohol.

Sprixx™'s use should be discontinued if skin irritation or redness occurs. If irritation persists for more than 5 days, consult a physician.

Keep out of reach of children because this product is harmful if ingested or may cause eye or mucousal irritation (consult MSDS for more information).

Certified Results of Sprixx™ Effectiveness

The following common pathogenic microorganisms were used to challenge the Sprixx™ Hand Sanitizer using the ASTM E1174 - 06 Standard Test Method for Evaluation of the Effectiveness of Health Care Personnel Hand-Wash Formulations to determine its effectiveness in killing the common pathogenic (disease causing) microorganisms :

No.	Microorganism Species	(ATCC or Clinical Isolate*)	Exposure Time	Log ₁₀ Reduction	Percent Reduction
1	<i>Acinetobacter baumannii</i>	ATCC #19003	15 Seconds	5.9777	99.9999%
2*	<i>Acinetobacter baumannii</i>	BSLI #061700Ab16	15 Seconds	5.8692	99.9999%
3	<i>Bacteroides fragilis</i>	ATCC #43858	15 Seconds	7.6284	99.9999%
4*	<i>Bacteroides fragilis</i>	BSLI #090800Bf	15 Seconds	7.6175	99.9999%
5	<i>Candida albicans</i>	ATCC #10231	30 Seconds	6.2227	99.9999%
6*	<i>Candida albicans</i>	BSLI #040400Ca16	30 Seconds	6.3010	99.9999%
7	<i>Candida tropicalis</i>	ATCC #750	30 Seconds	6.2867	99.9999%
8*	<i>Candida tropicalis</i>	BSLI #121799Ct	30 Seconds	6.3054	99.9999%
9	<i>Clostridium difficile</i>	ATCC #9689	15 Seconds	5.4749	99.9997%
10	<i>Enterobacter aerogenes</i>	ATCC #29007	15 Seconds	6.1717	99.9999%
11*	<i>Enterobacter cloacae</i>	BSLI #070700Ec11	15 Seconds	6.3579	99.9999%
12	<i>Enterococcus faecalis</i>	ATCC #29212	15 Seconds	6.4793	99.9999%
13*	<i>Enterococcus faecalis</i> ; VRE	BSLI #061700Efs12	15 Seconds	6.4346	99.9999%
14	<i>Enterococcus faecium</i> ; MDR	ATCC # 51559	15 Seconds	6.2355	99.9999%
15*	<i>Enterococcus faecium</i> ; VRE	BSLI #061700Efm15	15 Seconds	6.0354	99.9999%
16	<i>Escherichia coli</i>	ATCC #11229	15 Seconds	6.1945	99.9999%
17*	<i>Escherichia coli</i>	BSLI #060199Ec	15 Seconds	6.1367	99.9999%
18	<i>Escherichia coli</i>	ATCC #25922	15 Seconds	6.1492	99.9999%
19*	<i>Escherichia coli</i>	BSLI #070399Ec	15 Seconds	6.4074	99.9999%
20	<i>Haemophilus influenzae</i>	ATCC #8149	15 Seconds	6.5911	99.9999%
21*	<i>Haemophilus influenzae</i>	BSLI #121699Hi3	15 Seconds	5.9614	99.9999%
22	<i>Klebsiella oxytoca</i>	ATCC #15764	15 Seconds	6.1399	99.9999%
23*	<i>Klebsiella oxytoca</i>	BSLI #060199Ko	15 Seconds	6.2707	99.9999%
24	<i>Klebsiella pneumoniae</i>	ATCC #29019	15 Seconds	6.1351	99.9999%
25*	<i>Klebsiella pneumoniae</i>	BSLI #040400Kpn2	15 Seconds	6.3128	99.9999%
26	<i>Micrococcus luteus</i>	ATCC #7468	15 Seconds	5.9708	99.9999%
27*	<i>Micrococcus luteus</i>	BSLI #061901M13	15 Seconds	6.4556	99.9999%
28	<i>Proteus mirabilis</i>	ATCC #7002	15 Seconds	5.9138	99.9999%
29*	<i>Proteus mirabilis</i>	BSLI #121699Pm2	15 Seconds	6.0531	99.9999%
30	<i>Pseudomonas aeruginosa</i>	ATCC #15442	15 Seconds	6.1717	99.9999%
31*	<i>Pseudomonas aeruginosa</i>	BSLI #070199Pa	15 Seconds	6.5563	99.9999%
32	<i>Pseudomonas aeruginosa</i>	ATCC #27853	15 Seconds	6.1255	99.9999%
33*	<i>Pseudomonas aeruginosa</i>	BSLI #040400Pa5	15 Seconds	6.5185	99.9999%
34	<i>Salmonella typhi</i>	ATCC #6539	15 Seconds	6.4764	99.9999%
35	<i>Serratia marcescens</i>	ATCC #14756	15 Seconds	6.5119	99.9999%
36*	<i>Serratia marcescens</i>	BSLI #081499Sm	15 Seconds	6.3729	99.9999%
37	<i>Staphylococcus aureus</i>	ATCC #6538	15 Seconds	6.4814	99.9999%
38*	<i>Staphylococcus aureus</i> MMRSA	BSLI #032301MMR5a3	15 Seconds	6.6180	99.9999%
39	<i>Staphylococcus aureus</i>	ATCC #29213	15 Seconds	6.6857	99.9999%
40*	<i>Staphylococcus aureus</i> MRSA	BSLI #040400Sa8	15 Seconds	6.3636	99.9999%
41	<i>Staphylococcus epidermidis</i>	ATCC #12228	15 Seconds	6.6580	99.9999%
42*	<i>Staphylococcus epidermidis</i>	BSLI #061700Se2	15 Seconds	6.1931	99.9999%
43	<i>Staphylococcus haemolyticus</i>	ATCC #29970	15 Seconds	6.0663	99.9999%
44*	<i>Staphylococcus haemolyticus</i>	BSLI #062900Sha	15 Seconds	6.4362	99.9999%
45	<i>Staphylococcus hominis</i>	ATCC #27844	15 Seconds	5.9754	99.9999%
46*	<i>Staphylococcus hominis</i>	BSLI #060700Sho4	15 Seconds	6.5966	99.9999%
47	<i>Staphylococcus saprophyticus</i>	ATCC #35552	15 Seconds	6.6812	99.9999%
48*	<i>Staphylococcus saprophyticus</i>	BSLI #062900Ss	15 Seconds	6.3953	99.9999%
49	<i>Streptococcus pneumoniae</i>	ATCC #49619	15 Seconds	5.9165	99.9999%
50*	<i>Streptococcus pneumoniae</i>	BSLI #061901Spn1	15 Seconds	7.2589	99.9999%
51	<i>Streptococcus pyogenes</i>	ATCC #19615	15 Seconds	5.8195	99.9998%
52*	<i>Streptococcus pyogenes</i>	BSLI #040400Spy4	15 Seconds	6.9542	99.9998%
53	<i>Trichophyton mentagrophytes</i>	ATCC #9533	1 Minute	5.3284	99.9995%

Sprixx™ hand sanitizer successfully killed 99.9% of the above listed microorganisms within 15 seconds when 3 ml of product was used.

Product: Sprixx™ 62% Hand Sanitizer

Country of Origin United States

US NDC Number: 60762-40604

Package Formats Hand Gel/Solution

Shelf Life: Three years from the date of manufacture.

Special Recommendations: Sprixx™ should not be **refilled** into an existing container or dispenser without thorough cleaning and decontamination, because some resistant microorganisms can be transferred during the refilling process.