

# A Multifunctional Product For Hospital and Personnel Safety!



Ready-To-Use

Cleaner & Sanitizer  
for Hard Surfaces

and

Equipment



**Kills 99.999%  
Bacteria!\***



*\*on hard non-porous surfaces*

Available in 32 oz. & 24 oz. RTU  
Spray Bottle

Also available in powder concentrate  
refills for 24oz and 32 oz size.



- **Colorless, odorless, shelf-stable**
- **NO-RINSE sanitizer for hard non-porous surfaces**  
*(sanitize dishes, Utensils, etc. without rinsing with water).*
- **Free of V.O.C.s** (volatile organic compounds).
- **label contains no alert signal words.**  
*such as caution, warning or danger*
- **USDA certified biobased, & free of animal products.**
- **EPA registered with Ingredients included on FDA & USDA GRAS & food additive list**  
*(GRAS - generally recognized as safe)*

## Compare PRO-SAN® L with Other Sanitizers\*

PROPERTIES	PRO-SAN® L	BLEACH	CHLORINE DIOXIDE	PERACETIC ACID	OZONE
Sanitizing action*	Yes	Yes	Yes	Yes	Yes?
Gentle Cleaning action	Yes	No	No	No	No
Shelf- stability	Excellent	Good	Poor	Good	Poor
Environmental safety	Yes	Yes?	Yes?	Yes	Yes?
Can destroy antioxidants, vitamins	No	Yes	Yes	Yes	Yes
Can alter organic nutrients	No	Yes	Yes	Yes	Yes
Can produce free radicals	No	Yes	Yes	Yes	Yes
Depletion on use	Minimal	High	High	High	High
Odorless	Yes	No	No	No	?
Noxious fumes	None	Yes	Yes	Yes	?
Corrosive	No	Yes	Yes	Yes	Yes
Ready-To-Use	Yes	No	No	No	No
Risk in Handling	None	High	High	High	?
Storage & transport hazard	Low	High	High	High	?

*\*Hard non-porous contact surfaces*

†**Comparison of Microbicidal Efficiency of PRO-SAN® L and HYPOCHLORITE (Bleach)  
(99.999% Kill in 30 Seconds)**

Test Bacteria		PRO-SAN™	Hypochlorite 50 ppm
Aeromonas hydrophila	ATCC 7965	Pass	Pass
SARS-CoV-2	ATCC® VR-1986HK™	Pass	Pass*
Escherichia coli	O157:H7	Pass	Pass
Listeria monocytogenes	ATCC 7644	Pass	Fail
Norovirus* (surrogate feline calicivirus)	ATCC VR-782	Pass	Pass*
Pseudomonas aeruginosa	ATCC 10145	Pass	Fail
Salmonella typhimurium	ATCC 7823	Pass	Fail
Shigella sonnei	ATCC 9290	Pass	Pass
Vibrio cholerae	ATCC 9458	Pass	Fail
Yersinia enterocolitica	ATCC 23715	Pass	Fail

Tested using the in-vitro suspension test (essentially by the A.O.A.C. Germicidal and Detergent Sanitizer Test as modified by Lopes, 1986 (J. Dairy Science, 69:2791-96). PRO-SAN® L vs CHLOROX® used as the source of available Cl<sub>2</sub> (hypochlorite). The test interprets lethal activity greater than 99.999% as PASS and less than 99.999% as **FAIL**.

\*Hypochlorite has an expiration date of 1 year and is not effective after that. It is less potent if it is exposed to a lot of organic matter (such as vomit or stool).  
Pro-San L has no expiration date.

## PRO-SAN® L Targets Bacteria!

### ❖ Cleans and sanitizes hard contact surfaces

### ❖ Odorless and colorless

PRO-SAN® L is safe for use around people with breathing problems.

### ❖ Fast action & broad spectrum

PRO-SAN® L kills 99.999% of both gram positive\* and gram negative bacteria\*\* in 1 minute!

\**Staphylococcus Aureus*, \*\* *Escherichia coli O157:H7*

### ❖ Biopreferred and food grade ingredients

The food grade ingredients and emulsifying agent of PRO-SAN® L are USDA approved and certified biopreferred. PRO-SAN® L is an environmental chlorine free green product.

**USE:** *Spray sanitizing* hard non-porous surfaces including: counter tops, patient beds, door handles, dishes, utensils, forks, knives, sinks, drains, equipment



**MICROCIDE®, INC.** *Always Safe & Effective!*

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