

Anthrax Killing Sterilant Now EPA Registered

by Lyn Hanshew, M.D.



Powered by the ground-breaking silver technology utilized by Advanced Cellular Silver (ACS) 200®, STERIPLEX® Ultra is now the

most effective anthrax killer ever registered by the United States, Environmental Protection Agency.

We all remember the 2001 anthrax attacks that sickened twenty three people and killed five. Since that time the U.S. government has spent hundreds of millions in remediation and billions in their search for a disinfectant that can reliably kill anthrax spores and other pathogens that might be used as weapons.

This search is over. sBioMed®, a self

funded biotechnology firm located in Orem, Utah has been recently awarded Environmental Protection Agency (EPA) registration of STERIPLEX® Ultra for anthrax spore decontamination, the world's most deadly biological agent.

Astoundingly, STERIPLEX® Ultra achieves rapid kill against anthrax spores while remaining safe for the product users and the environment. STERIPLEX® Ultra completely destroys anthrax spores in less than 30 seconds as demonstrated with suspension test methods and destroys anthrax spores in only 30 minutes as certified by an independent Biosafety Level III laboratory using AOAC protocols. The U.S. military's bioweapons laboratory at Dugway Proving Grounds in Utah also verified the complete destruction of anthrax spores in less than 30 seconds in a suspension test using STERIPLEX® Ultra.

“The world has long been interested in killing bacterial spores. It’s a very difficult task,” say the sBioMed® founders. Fortunately, only a few toxic bacteria can form endospores. When their life cycle is threatened by factors such as lack of food or change of temperature, some bacteria can develop endospores that allow them to survive until better conditions occur. “They become like shriveled microscopic walnuts, wrapping themselves in layers of coating to become almost indestructible”, founder Brian Larson said. Spores can lie dormant for thousands of years and then “come back to kill you.” Spores found in Egyptian tombs may be the basis for legends about the curses killing those who disturb tombs of the Pharaohs.

Anthrax remediation of the Senate Hart building, several postal facilities and other U.S. government and private office buildings showed that decontamination is possible, but is very time-consuming and extremely costly. Clearing the Senate office building of anthrax spores cost over \$27 million dollars, according to the Government Accountability Office. Decontaminating the Brentwood postal facility cost over \$189 million dollars with a downtime of over 2 years, and decontaminating the postal facility in New Jersey cost over 75 million dollars, with a downtime of over 3 years. STERIPLEX® Ultra can clear a building of Anthrax spores in a much shorter time and at a substantially lower cost.

STERIPLEX® Ultra is a liquid solution, which can be applied using standard spray or automated dispersion devices.





STERIPLEX® Ultra provides quick and comprehensive anthrax clean up when used by specially trained individuals to decontaminate buildings, vehicles, ships, aircraft, personal protective equipment and other articles infected with anthrax spores.

sBioMed® has also received EPA registration for the world's leading sterilant/sporicide. Designed for use in hospitals, clinics and even homes, STERIPLEX® Health Care can quickly and safely sterilize hard surfaces up to ten to thirty times faster than other sterilants and disinfectants currently available. Unlike most other sterilants that are toxic and corrosive, STERIPLEX® Health Care is broad-spectrum, environmentally friendly and completely non-corrosive.

From sterilizing medical instruments to disinfecting surfaces, STERIPLEX® Health Care represents a welcome paradigm shift in best practices infection control. Imagine being able to

achieve rapid, complete kill against even the most difficult-to-kill pathogens in your workplace and home with a product that is completely non-toxic. As the world goes green, soon your patients will be asking, "Do you disinfect using STERIPLEX®?"

To learn more about STERIPLEX® Disinfectants, please visit www.sbiomed.com

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