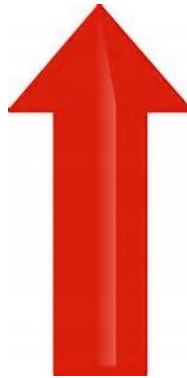




Efficacy of Actril® Cold Sterilant

The diagram to the right provides a list of microbes and viruses in order of resistance to death, from the least to most resistant. Considering its success against bacillus subtilis and clostridium sporogenes, Actril® Cold Sterilant is capable of killing endospores, which are a dormant, tough, non-reproductive structure produced by a small number of bacteria from the Firmicute family that are found in various environments and include some notable pathogens. With its ability to kill a microorganism that is generally recognized as being the most resistant to death, there should be no surprise that Actril® Cold Sterilant has been relied on by pharmaceutical cleanrooms and other critical infection prevention areas for over 20 years.



Most Resistant

- Bacterial Endospores**
- Mycobacteria**
- Fungal Spores**
- Small Non-Enveloped Viruses**
- Vegetative Fungal Cells**
- Enveloped Viruses**
- Vegetative Bacteria**

Least Resistant

References:

Cornell University, College of Agriculture and Life Sciences, Department of Microbiology. *Bacterial Endospores*. Retrieved from <https://micro.cornell.edu/research/epulopiscium/bacterial-endospores>.

Sandle, T. (2010, September 15). *Choosing Disinfectants*. Cleanroom Technology. Retrieved from http://www.cleanroomtechnology.com/technical/article_page/Choosing_disinfectants/55594.



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