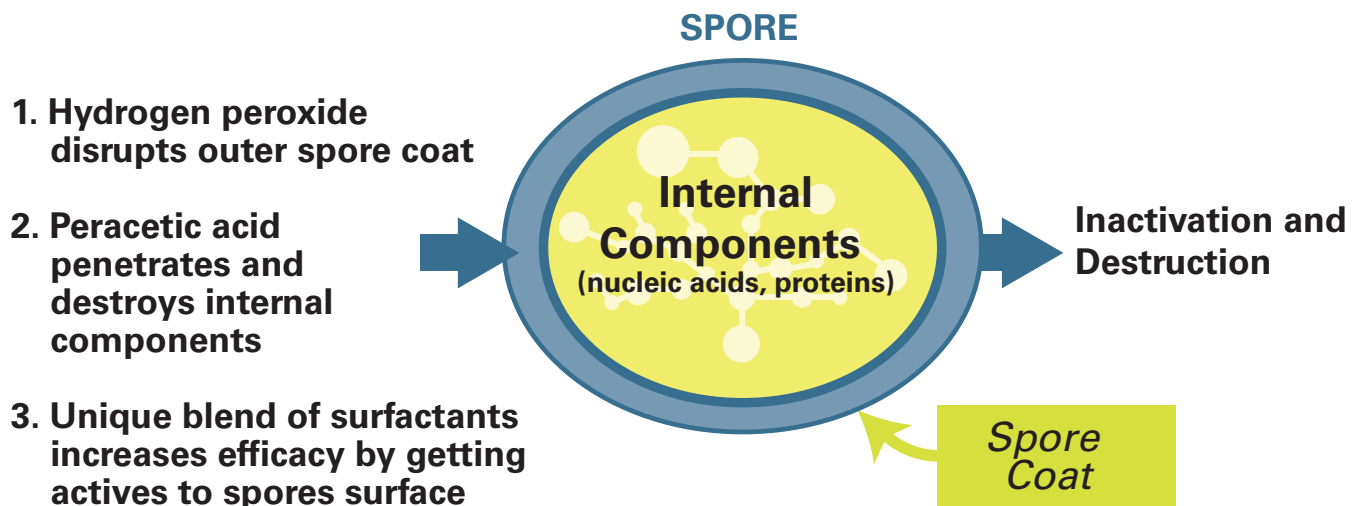


## How Peridox Works.

The primary mode of action is oxidation of the cellular structures; the stronger the oxidizer, the faster the killing. Peridox has two oxidizing active ingredients (hydrogen peroxide and peracetic acid) that work together to deliver a “1-2 Punch” for rapid activity against bacterial endospores<sup>1</sup> and other microorganisms.

- Hydrogen peroxide disrupts the outer structures of the microbes (e.g., outer coat of spores).
- Peracetic acid can then penetrate and destroy the internal components.
- Peridox also contains a unique surfactant package that increases efficacy (killing power) by getting the actives to the spore surface and helping clean and wet surfaces being treated.

Oxidation Potential of Various Disinfectants	
CHEMICAL	eV (ELECTRON VOLTS)
Hydroxy radical	2.80
Ozone	2.07
<b>Peracetic acid</b>	1.81
<b>Hydrogen peroxide</b>	1.80
Chlorine dioxide	1.57
Sodium hypochlorite (bleach)	1.36
Nitrogen dioxide	0.80



Peridox<sup>®</sup> is available in Ready-To-Use (RTU) and Concentrate formulas.

Visit our website to learn more.

<sup>1</sup>Legget MJ, et al. 2016. Mechanism of sporicidal activity for the synergistic combination of peracetic acid and hydrogen peroxide. Appl Environ Microbiol 82:1035-1039.