Sporicide, Disinfectant and Cleaner

Pria C

CONTEC

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 endospores¹ 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.

HIGHLY EFFECTIVE EPA-REGISTERED SPORICIDE, FUNGICIDE, BACTERICIDE, VIRUCIDE, AND TUBERCULOCIDE

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

Peridox[®] is available in Ready-To-Use (RTU) and Concentrate formulas.

Visit our website to learn more.

Legget MJ, et. al. 2016. Mechanism of sporicidal activity for the synergistic combination of peracetic acid and hydrogen peroxide. Appl Envion Microbiol 82:1035-1039.

SPORICIDE FUNGICIDE BACTERICIDE VIRUCIDE TUBERCULOCIDE

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SPORE	
 Hydrogen peroxide disrupts outer spore coat Peracetic acid 	Inactivation and
2. Peracetic acid penetrates and destroys internal components	Destruction
3. Unique blend of surfactants increases efficacy by getting actives to spores surface	Spore Coat