

## LpH<sup>®</sup> se Disinfectant Cleaner



LpH se Disinfectant Cleaner is a one-step, nonalkaline phenolic product designed to be effective in hard water up to 400 ppm hardness (as CaCO<sub>3</sub>) or soft water and in the presence of five percent organic soil. The use-dilution of this product is specifically formulated to clean, disinfect and deodorize in a simple one step process. At a use-dilution rate of 1:256 (1/2 ounce per gallon), LpH se cleaner kills a broad spectrum of bacteria without harming the surface. It is formulated to maintain an acidic use-dilution pH of 2.6 – 3.0.



### Applications:

LpH se Disinfectant Cleaner is designed for use on washable non-porous hard surfaces such as floors, walls, counters, carts, woodwork, bathroom fixtures, equipment, and furniture. This product is intended for use in institutions such as hospitals, nursing homes, medical and dental offices, pharmaceutical plants, and other FDA regulated facilities where disinfection, cleaning, and deodorizing are necessary.

**Dilution Rate:** 1:256 (1/2 oz. per gallon)

### Features and Benefits:

- > Advanced phenolic formula with broad spectrum biocidal activity, including *Mycobacterium tuberculosis var. bovis*, HIV-1 (AIDS), and MRSA
- > Hard water effective (400 ppm CaCO<sub>3</sub>) to assure disinfection in most tap water
- > Five percent serum effective: bactericidal, fungicidal, tuberculocidal, and virucidal
- > Advanced detergent system for superior cleaning while disinfecting
- > One-stroke pump system available for accurate and controlled use-dilution

### Ordering Information:

1 gallon bottle x 4 per case	6466-08
55 gallon drum	6466-01

# STERIS<sup>®</sup>



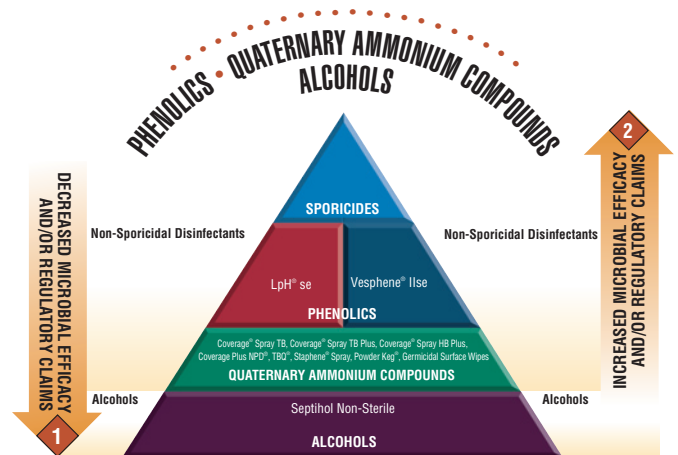
Applied Infection Control

**Germicidal Properties:**

The official test for determining the germicidal efficacy of a one-step cleaner disinfectant is the Use-Dilution Method as stated in the AOAC Methods of Analysis. LpH se Disinfectant Cleaner concentrate diluted 1:256 in 400 ppm (as CaCO<sub>3</sub>) hard water is effective against the following microorganisms in the presence of five percent blood serum for 10 minutes at 20°C (68°F).

- Acinetobacter calcoaceticus* (ATCC 19606)
- Candida albicans*, clinical isolate
- Candida parapsilosis*, clinical isolate
- Citrobacter freundii* (ATCC 8090)
- Enterobacter aerogenes* (ATCC 13048)
- Enterobacter cloacae* (ATCC 23355)
- Escherichia coli* (ATCC 25922)
- Klebsiella pneumoniae* (ATCC 13883)
- Proteus mirabilis*, clinical isolate
- Proteus vulgaris* (ATCC 13315)
- Pseudomonas aeruginosa* (ATCC 27853)
- Salmonella typhi* (ATCC 6539)
- Salmonella typhimurium* (ATCC 14028)
- Serratia marcescens* (ATCC 8100)
- Shigella flexneri* (ATCC 12022)
- Shigella sonnei* (ATCC 25931)
- Staphylococcus aureus* (ATCC 25923)
- Staphylococcus aureus* (MRSA), Multiply (Methicillin)-Resistant clinical isolate
- Staphylococcus epidermidis* (ATCC 12228)
- Streptococcus faecalis* (ATCC 19433)
- Streptococcus pyogenes* (ATCC 19615)

Passes AOAC Germicidal Use-Dilution Method (*Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*) when diluted with 400 ppm AOAC hard water to make a 1:256 (1/2 ounce per gallon) solution in the presence of five percent organic soil, 10 minutes at 20°C (68°F).



1. PRODUCTS AT THE BASE OF THE PYRAMID ARE MOST FREQUENTLY USED AND ARE GENERALLY NOT SPORICIDAL.  
 2. PROGRESSION UP THE PYRAMID INDICATES STRONGER PERFORMANCE OVERALL AND A BROADER SPECTRUM OF CLAIMS.

**Fungicidal Properties:**

The official test for determining the fungicidal efficacy of a one-step cleaner disinfectant is the AOAC Fungicidal Test. LpH se Disinfectant Cleaner concentrate diluted 1:256 in 400 ppm (as CaCO<sub>3</sub>) hard water is effective against the official test organism, *Trichophyton mentagrophytes* in the presence of five percent blood serum in 10 minutes at 20°C (68°F).

**Tuberculocidal Properties:**

LpH se Disinfectant Cleaner passes the AOAC Tuberculocidal Test (*Mycobacterium tuberculosis var. bovis* [BCG]) when diluted 1:256 with 400 ppm AOAC hard water in the presence of five percent blood serum in 10 minutes at 20°C (68°F).

**Virucidal Properties:**

Passes virucidal assay (EPA Proposed Method) for influenza A<sub>2</sub> Japan, herpes simplex type 2, vaccinia virus, and adenovirus type 2 virus when diluted in 1:256 in 400 ppm AOAC hard water in the presence of five percent organic soils in 10 minutes at 20°C (68°F).

When tested by an EPA approved Dilution Method, the HIV-1 (AIDS) virus, with added 10 percent organic soil (serum), was completely inactivated by a 1:256 (1/2 ounce per gallon) in 400 ppm AOAC hard water in 60 seconds at 20° - 25°C (68° - 77°F).

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