



GERMICIDAL DETERGENT FOR HOSPITAL & INSTITUTIONAL USE

SUPERGARD™

CLEANER/DISINFECTANT/DEODORIZER

- Staphylocidal
- Pseudomonacidal
- Salmonellacidal
- Tuberculocidal
- Virucidal
- Fungicidal
- Conductive
- Biodegradable
- One-step cleaning, disinfecting and deodorizing in hard, soft, hot or cold water
- Effective in 1000 ppm hard water with the presence of 10% organic soil load (on selected label claims)
- Safe on floor finish
- Residual control of odor-causing bacteria
- Non-corrosive to soft metals
- Non-staining to ordinary surfaces
- E.P.A. Registered
- Pleasant fragrance
- Economical
- For use on all hard surfaces
- Easy-to-use

Effectively Kills: Vancomycin Resistant Enterococcus faecalis (VRE) • Mycobacterium bovis(BCG) (TB) • Human Immunodeficiency Virus, HTLV-III_B, Strain of HIV-I (AIDS virus) • Herpes simplex Type 1 • Staphylococcus aureus, Methicillin Resistant (MRSA) • Staphylococcus aureus • Salmonella paratyphi B • Salmonella schottmuelleri • Salmonella typhimurium • Klebsiella pneumoniae • Streptococcus pyogenes • Shigella sonnei • Enterobacter aerogenes • Human Influenza A/Hong Kong Virus • Vaccinia Virus • Human adenovirus • Trichophyton mentagrophytes • Salmonella choleraesuis • Pseudomonas aeruginosa • Escherichia coli

Buckeye Supergard is a 22.5% triple phenolic compound especially formulated to meet the growing concerns of today's Healthcare Community.

At a dilution of 1/2 ounce per gallon of water (1:256), **Supergard** kills a broad spectrum of gram-positive and gram-negative microorganisms. The detergent system cleans, wets and penetrates soils and organic matter. **Supergard** is formulated for easy rinsing of surfaces.

To specifically address OSHA's final rule regarding "Occupational Exposure to Bloodborne Pathogens" (on selected label claims), **Supergard** is tested in levels of Blood Serum (10%) and water hardness (1,000 ppm CaCO₃) that DOUBLE current registration requirements.

For use in...

- Hospitals*
- Medical Research Centers
- Health Care Facilities
- Animal Care Facilities and Research Centers
- Laboratories
- Veterinary Facilities
- Zoos
- Kennels

*Hospital Applications...

- Autopsy Room
- Emergency Room
- Cafeteria/Dining Room
- Isolation Units
- Laboratories
- Laundry Chutes
- Public Rooms & Corridors
- Maternity & Pediatric Wards
- Obstetrics and Operating Rooms
- Out-Patient Area
- Patient Rooms
- Utility and Washrooms

Available in:



General Use Directions:

To clean, disinfect and deodorize walls, floors, tables, drinking fountains, sinks, refrigerators, stoves, restroom fixtures, garbage cans, tanning beds and other hard nonporous environmental surfaces: Remove gross filth and heavy soil with a preliminary cleaning step prior to application of **Supergard**. Apply a solution of 1/2 oz. of **Supergard** per gallon of water (1:256) with a sponge, mop, mechanical spray device or foaming apparatus, making sure that all surfaces are wetted thoroughly. Allow surface to remain wet for 10 minutes.

Testing:

Toxicity Testing

ACUTE DERMAL: Based on the results of this study, the Acute Dermal LD₅₀ of the product (1:256 dilution) in rabbits is greater than 2 g/kg body weight. All animals survived and all exhibited normal weight gains. No treatment-related signs of Toxicity were noted.

ACUTE INHALATION: Based on the results of this study, the Acute Inhalation LC₅₀ of the product in rats is estimated to be greater than 5.6 mg/L (average gravimetric concentration). No animals died following the exposure ... and no gross visceral abnormalities were noted at necropsy.

ACUTE ORAL: Based on the results of this study, the Acute Oral Toxicity of the product in rats is calculated to be 3526 mg/kg (combined sexes) with 95% confidence interval of 2865-4340.

QUALITY ASSURANCE: These studies were conducted in compliance with Good Laboratory Practice regulations as described by the F.D.A. (21 CFR Part 58) and the E.P.A. (40 CFR Parts 160 and 792).

Microbiological Testing

Supergard has been proven effective as a disinfectant by the following test: A.O.A.C. (use dilution test method) in conformance with the 14th Edition 1984. All dilutions at 1:256. The following organisms tested at 1,000 ppm water hardness (as calcium carbonate) and 10% blood serum (as organic soil):

- Vancomycin Resistant Enterococcus faecalis (VRE), ATCC #51299
- Mycobacterium bovis (BCG) ATCC #35743 A.O.A.C. Tuberculocidal Test
- Staphylococcus aureus, Methicillin Resistant (MRSA) ATCC #25923
- Staphylococcus aureus ATCC #6538
- Salmonella paratyphi B ATCC #9281
- Salmonella typhimurium ATCC #13311
- Salmonella schottmuelleri ATCC #8759
- Klebsiella pneumoniae ATCC #4352
- Streptococcus pyogenes ATCC #19615
- Shigella sonnei ATCC #25931
- Enterobacter aerogenes ATCC #13048

The following viruses tested in accordance with U.S. Environmental Protection Agency Pesticide Assessment Guidelines on inanimate environmental surfaces. Tested at 1,000 ppm water hardness (as calcium carbonate) and 10% blood serum (as organic soil):

- Human Immunodeficiency Virus, HTLV-III_B Strain of HIV-1 (AIDS virus)
- Vaccinia Virus ATCC #VR-325
- Human adenovirus ATCC #VR-5

Supergard has also been tested according to A.O.A.C. use dilution test methods and proven effective as a disinfectant against the following organisms at 500 ppm water hardness (as calcium carbonate) and 5% blood serum (as organic soil). All tests done in accordance with the 14th Edition 1984. All dilutions at 1:256.

- Trichophyton mentagrophytes ATCC #9533 A.O.A.C. Fungicidal Test
- Salmonella choleraesuis ATCC #10708
- Pseudomonas aeruginosa ATCC #15442
- Escherichia coli ATCC #11228

The following viruses tested in accordance with the U.S. Environmental Protection Agency Pesticide Assessment Guidelines on inanimate environmental surfaces. Tested at 500 ppm water hardness (as calcium carbonate) and 5% blood serum (as organic soil):

- Herpes simplex Type 1
- Human Influenza A/Hong Kong Virus

E.P.A.

EPA REG. NO. 3862-178-559

EPA EST. NO. 559-MO-1

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Buckeye®

Technical Specifications

pH in Concentrate	12.5 ± 0.2
pH at 1/2 oz./gal.	10.0 ± 0.2
Weight/Gallon	9.1 lbs/gal
Flash Point	105° F
Specific Gravity	1.09
Biodegradability	Yes
Dilution	1:256
Odor	Light Citrus
Color	Medium Amber
Freeze/Thaw Stability	3 cycles, no separation

Active Ingredients

para-tertiary-Amylphenol	10.0%
ortho-Benzyl-para-chlorophenol	6.5%
ortho-Phenylphenol	6.0%

Inert Ingredients - 77.5%

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