



LEMON EXTRA NEUTRAL DISINFECTANT CLEANER

Z16

TECHNICAL DATA SHEET

GENERAL INFORMATION

A concentrated, neutral pH, multi-purpose, germicidal detergent and deodorant for use on hard non porous surfaces such as floors, walls, metal surfaces, stainless steel, porcelain, and plastic. Ideal for use in hospitals, nursing homes, schools, colleges, and many other facilities.

Its pleasant fragrance combats foul odors in the air while the disinfectant works to destroy odor causing bacteria at their source. In addition, the neutral pH is ideal for use on finished floors. The quat-based formula is effective against the pathogenic bacteria *Pseudomonas aeruginosa*, *Staphylococcus aureus*, and *Salmonella choleraesuis* in the presence of 400ppm synthetic hard water (calculated as CaCO_3) plus 5% organic serum. Effective against many other species as well. Virucidal against HIV-1 (AIDS Virus) and many other viruses; fungicidal and mildewstatic at use dilution when used in accordance with label directions. Please refer to "Efficacy Data" on the back of this sheet for a complete listing.

FEATURES - RELATED BENEFITS

- Neutral pH - Won't harm finished floors
- Broad spectrum efficacy - Effective against a wide range of pathogenic bacteria and viruses as well as fungi, mold, and mildew
- Pleasant lemon fragrance - Counteracts airborne odors

AREAS OF USE

- Hospitals and nursing homes
- Clinics and doctor's offices
- Schools, universities and child care centers
- Hotels and motels
- Veterinary clinics, kennels, animal life science labs, pet shops, and farms

DILUTION: 1:64 (660 ppm quat) 2 OUNCES PER GALLON OF WATER

EFFICACY DATA

This product is effective in hard water up to 400 ppm hardness (calculated as CaCO_3) and in the presence of organic soil (5% blood serum).

This product is effective against the following pathogens: Contact time is 10 minutes unless noted below.

Bacteria:	Viruses:
<i>Pseudomonas aeruginosa</i> 1	*Adenovirus type 4
<i>Staphylococcus aureus</i> 1	*Hepatitis B Virus (HBV)
<i>Salmonella choleraesuis</i>	*Hepatitis C Virus (HCV)
<i>Acinetobacter calcoaceticus</i>	*Herpes simplex type 1
<i>Bordetella bronchiseptica</i>	*Herpes simplex type 2
<i>Chlamydia psittaci</i>	*HIV-1 (AIDS virus)
<i>Enterobacter aerogenes</i>	*Human coronavirus,
<i>Enterobacter cloacae</i>	*Influenza A/Hong Kong
<i>Enterococcus faecalis</i> -Vancomycin Resistant (VRE)	*Respiratory syncytial virus (RSV)
<i>Escherichia coli</i> 1	*Rubella (German Measles)
<i>Fusobacterium necrophorum</i>	*SARS Associated Coronavirus
<i>Klebsiella pneumoniae</i> 1	*Vaccinia
<i>Legionella pneumophila</i>	Animal Viruses:
<i>Listeria monocytogenes</i>	*Avian polyomavirus
<i>Pasteurella multocida</i>	*Canine distemper
<i>Proteus mirabilis</i>	*Feline leukemia
<i>Proteus vulgaris</i>	*Feline picornavirus
<i>Salmonella enteritidis</i>	*Pseudorabies
<i>Salmonella typhi</i>	*Rabies
<i>Salmonella typhimurium</i>	Fungi:
<i>Serratia marcescens</i>	<i>Aspergillus niger</i>
<i>Shigella flexneri</i>	<i>Candida albicans</i>
<i>Shigella sonnei</i>	<i>Trichophyton mentagrophytes</i>
<i>Staphylococcus aureus</i> - Methicillin Resistant (MRSA)	
<i>Staphylococcus aureus</i> - Vancomycin Intermediate Resistant (VISA)	
<i>Staphylococcus epidermidis</i> 2	
<i>Streptococcus faecalis</i> 1	¹ ATCC & antibiotic-resistant strain
<i>Streptococcus pyogenes</i>	² antibiotic-resistant strain only

USDA: For use in federally inspected meat and poultry plants on all hard, non-porous surfaces in inedible product processing areas, nonprocessing areas, and/or exterior areas.

TO USE

For effective cleaning, disinfecting, and deodorizing mix solution at 1:64 (2 oz per gallon of water) use dilution. **For these and other applications, see label for complete directions and use only as directed.**

SPECIFICATIONS

PHYSICAL STATE: Liquid
APPEARANCE: Yellow
FRAGRANCE: Lemon
WETTING ABILITY: Excellent
FREEZE/THAW: Stable
USDA: A4, C1
BIODEGRADABLE: Yes
TOTAL ACTIVES: 4.23% quat
DETERGENCY: Excellent
SPECIFIC GRAVITY: 1.01
pH (undiluted): 7.2 - 8.2

**Cello Professional
Products**

1354 Old Post Road
Havre de Grace, MD 21078
Toll Free: 800-638-4850
www.cello-online.com

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