



DISINFECTANTS

Leminee 64[®]

neutral cleaner disinfectant

TECHNICAL DATA SHEET

Packaging	Code
4 x 4 L	1923278001
20 L	1923334001
210 L	1923390001

Description:

LEMINEE 64 neutral cleaner disinfectant is a concentrated, one step phosphate-free formulation, with a fresh lemon fragrance for use in health care and educational environments, food service establishments, food plants, and other institutional areas. LEMINEE 64 can be used as a cleaner, sanitizer, deodorizer, disinfectant, fungicide and virucide. When used as directed, this formulation can be used to kill HIV-1 and HIV-2 on hard, non porous inanimate surfaces previously soiled with blood/body fluids. LEMINEE 64 can also be used to kill a broad range of microorganisms including MRSA, VRE and VISA. It effectively disinfects and cleans the following non-porous surfaces: floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, and cabinets. LEMINEE 64 will also disinfect and clean larger areas such as operating rooms, patient care facilities and restrooms. It will deodorize areas that are hard to keep fresh such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas prone to odour caused by microorganisms.

Use Direction:

Remove heavy soil deposits. Pre-clean all surfaces prior to disinfection.

TO DISINFECT: Thoroughly wet surfaces. Use 1 part LEMINEE 64 to 64 parts water or 16 ml per litre. Allow surfaces to remain wet for 10 minutes in a single application, then remove excess liquid. Rinse with clean water. Can be applied with a mop, sponge, or cloth as well as a coarse (trigger) spray. Prepare a fresh solution for each use then discard. LEMINEE 64 is an effective bactericide in water up to 400 ppm hardness (CaCO₃). When used as directed LEMINEE 64 kills the following organisms *Salmonella choleraesuis*, *Staphylococcus aureus*, *Escherichia coli*, *Bordetella bronchiseptica*, *Corynebacterium ammoniagenes*, *Enterobacter aerogenes*, *Enterobacter cloacae*, *Enterococcus faecalis*, *Fusobacterium necrophorum*, *Klebsiella pneumoniae*, *Pasteurella multocida*, *Proteus mirabilis*, *Pseudomonas aeruginosa*, *Listeria monocytogenes*, *Lactobacillus casei*, *Proteus vulgaris*, *Serratia marcescens*, *Shigella Flexneri Type 2b*, *Shigella sonnei*, *Shigella dysenteriae*, *Streptococcus pyogenes*, *Xanthomonas maltophilia*, *Staphylococcus epidermidis*, and *Staphylococcus aureus* Vancomycin Intermediate.

VIRUCIDAL ACTIVITY: When used at 16 ml per litre of water on precleaned, environmental, inanimate, non-porous surfaces previously soiled with blood/body fluids, LEMINEE 64 allows for effective virucidal activity against HIV-1, HIV-2, Herpes simplex type 1, Herpes simplex type 2, Influenza A2/Hong Kong, Vaccinia, Pseudorabies, Bovine rhinotracheitis, Feline picornavirus, Feline leukemia and Canine distemper. LEMINEE 64 is an effective virucide in water up to 400 ppm hardness (CaCO₃).

FUNGICIDAL ACTIVITY: When used at 16 ml per litre of water, LEMINEE 64 is effective against the pathogenic fungi *Trichophyton mentogrophytes* (Athletes Foot Fungus), *Candida albicans*, and *Aspergillus niger*.

FOOD ESTABLISHMENTS: Equipment and surfaces subjected to direct food contact must be thoroughly rinsed with potable water after cleaning with this product. Avoid contamination of food during use. Do not store in food processing or food storage area.

Security:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	1
0 =	Insignificant
1 =	Slight
2 =	Moderate
3 =	High
4 =	Very High

Note:

The data presented herein is based on experiments and information believed reliable. However, we can make no guarantee on performance of, or results obtained through the use of the product herein described owing to varying conditions in laboratories and plants over which we have no control. Neither can any guarantee be given that the products or uses outlined will not infringe any existing patents.

Technical Specifications:

Appearance	Clear liquid
Colour	Fluorescent yellow
Odour	Lemon
Specific Gravity	1.000 – 1.010
pH	6.0 – 6.6
Solids (% Brix)	10.5 – 11.5%
Quat (%)	5.25 – 5.75%
D.I.N.	Approved