



Spartan Chemical Company, Inc., 1110 Spartan Drive, Maumee, OH 43537  
 Toll Free: 1-800-537-8990, Fax: 419-536-8423, Fax-On-Demand: 888-383-4666  
 Email: spartan@spartanchemical.com, Website: www.spartanchemical.com



re:

# Super Neutral L

**Cleaner • Disinfectant • Detergent • Deodorizer • \*Virucide • Fungicide (against pathogenic fungi) • Mildewstat (on hard non-porous inanimate surfaces)**

## PRODUCT DESCRIPTION:

Super Neutral L is a phosphate-free formulation designed to provide effective cleaning, deodorizing, and disinfection in hospitals, nursing homes, hotels, schools, athletic/ recreation facilities, sports stadiums, amphitheaters, convention centers and other institutions where housekeeping is of prime importance in controlling cross-contamination from treated surfaces.

## WHERE TO USE:

This product, when used as directed, is formulated to disinfect hard non-porous inanimate environmental surfaces such as floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets and artificial turf surfaces. For larger areas such as operating rooms and patient care facilities, this product is designed to provide both general cleaning and disinfecting. This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage cans, storage areas, empty garbage bins and cans, toilet bowls, and other areas which are prone to odours caused by microorganisms.

## WILL NOT DULL FLOOR FINISH:

Super Neutral L is formulated with a neutral pH and will not dull high-gloss floor finishes with repeated use.

## DIRECTIONS FOR USE

**DISINFECTION:** To disinfect inanimate, hard non-porous surfaces, add 4 mL of this product per Litre of water. Apply solution with a mop, cloth, sponge or hand-pump trigger sprayer so as to wet all surfaces thoroughly. Allow surface to remain wet for 10 minutes, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

**TO DISINFECT TOILET BOWLS:** Remove gross filth or soils from surfaces with bowl brush. Add 4 mL of product to the bowl water. Brush or swab the bowl completely using a scrub brush or toilet mop making sure to get under the rim. Let stand for 10 minutes and flush.

**BACTERICIDAL ACTIVITY:** At the 4 mL per Litre dilution, this product demonstrates effective activity against the organisms:

Bordetella bronchiseptica	Serratia marcescens
Corynebacterium ammoniagenes	Shigella sonnei
Enterobacter aerogenes	Shigella flexneri Type 2b
Enterobacter cloacae	Shigella dysenteriae
Enterobacter cloacae (clinical isolate)	Staphylococcus aureus
Enterococcus faecalis (clinical isolate)	Staphylococcus aureus subsp. aureus
Enterococcus faecalis	Staphylococcus aureus (Methicillin resistant)
Escherichia coli	Staphylococcus aureus (clinical isolate)
Enterococcus faecalis (Vancomycin resistant)	Staphylococcus epidermidis (clinical isolate)
Escherichia coli (clinical isolate)	Staphylococcus epidermidis

Fusobacterium necrophorum	Streptococcus pyogenes Group A
Lactobacillus casei subs. rhamnosus	Staphylococcus aureus (Vancomycin Intermediate)
Klebsiella pneumonia subsp. pneumoniae	Streptococcus pyogenes (clinical flesh eating strain – Bird M3)
Listeria monocytogenes	Xanthomonas maltophilia (clinical isolate)
Pasteurella multocida	Community Associated Methicillin Resistant Staphylococcus aureus (CA-MRSA)
Proteus mirabilis ATCC 25933	Ampicillin resistant Acinetobacter baumannii
Proteus mirabilis ATCC 9921	Bactrim resistant Acinetobacter baumannii
Proteus vulgaris	Cefazolin resistant Acinetobacter baumannii
Pseudomonas aeruginosa	Ceftriaxone resistant Acinetobacter baumannii
Salmonella choleraesuis	Gentamicin resistant Acinetobacter baumannii
Salmonella choleraesuis subsp. choleraesuis serotype typhimurium	
Salmonella choleraesuis subsp. choleraesuis serotype paratyphi B	Tobramycin resistant Acinetobacter baumannii
Salmonella choleraesuis subsp. choleraesuis serotype pullorum	Ciprofloxacin resistant Acinetobacter baumannii
Salmonella choleraesuis subsp. choleraesuis serotype typhi	Levofloxacin resistant Acinetobacter baumannii
Salmonella enteritidis	

**FUNGICIDAL ACTIVITY:** At the 4 mL per Litre dilution, this product demonstrates effective fungicidal activity against the pathogenic fungi Trichophyton mentagrophytes, Candida albicans.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE FUNGICIDE IN WATER UP TO 200 PPM HARDNESS (AS CaCO<sub>3</sub>) IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

**MILDEWSTAT:** To control mold and mildew (such as Aspergillus niger) and the odours they cause on pre-cleaned, hard, non-porous surfaces add 4 mL per litre of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

**VIRUCIDAL ACTIVITY:** This product when used on environmental, inanimate hard non-porous surfaces at 4 mL per Litre of water exhibits effective kill activity against:

Herpes Simplex Type 1 (causative agent for fever blisters)	Feline Picornavirus
Herpes Simplex Type 2 (genital disease)	Canine Distemper virus
Influenza A2/Hong Kong	Human Immunodeficiency Virus Type 1 and Type 2 (HIV-1 and HIV-2)
Vaccinia	Avian Influenza A (H <sub>3</sub> N <sub>2</sub> )
Pseudorabies	Avian Influenza A Turkey/Wisc/66 (H <sub>9</sub> N <sub>2</sub> )
Bovine Rhinotracheitis	Paramyxovirus
Feline Leukemia	

This product has demonstrated effectiveness against Vaccinia and Influenza A virus and is expected to inactivate all Influenza A viruses including 2009 (H1N1) pandemic Influenza A virus.

**KILLS HIV-1 AND HIV-2 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (Hospitals, Nursing Homes) or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential transmission of Human Immunodeficiency Virus Type 1 and Type 2 (HIV-1 and HIV-2)

**SPECIFICATION DATA:****ACTIVE INGREDIENT:**

Octyl decyl dimethyl ammonium chloride \_\_\_\_\_ 6.510%  
Dioctyl dimethyl ammonium chloride \_\_\_\_\_ 3.255%  
Didecyl dimethyl ammonium chloride \_\_\_\_\_ 3.255%  
Alkyl (40% C<sub>12</sub>, 50% C<sub>14</sub>, 10% C<sub>16</sub>)  
dimethyl benzyl ammonium chloride \_\_\_\_\_ 8.680%

**CONTAINS:** Alcohols, C12-15, Ethoxylated

Appearance – Clear liquid  
Color – No colorant  
Odour – Fresh fragrance  
Specific Gravity – 1.00 – 1.01  
pH – 6.5 – 7.5  
Quat (%) – 21.700%  
D.I.N. – 02358522

\*Note: This product is only available in Canada.

**PACKAGING:**

Super Neutral L is packaged in 4-litres, four per case, and 208.45 Liter drums. Label copy is printed in English and French. Secondary labels are also available.

**Be sure to read all Directions, Precautionary and First Aid Statements on product labels before use of this or any Spartan product. If questions remain, consult your employer or a physician. Material Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor or by visiting [www.spartanchemical.com](http://www.spartanchemical.com).**

**GUARANTEE:**

Spartan's modern manufacturing and laboratory control insure uniform quality. If dissatisfied with performance of chemical product, any unused portion may be returned for credit within one year of the date of manufacture.