



Super HDQ[®]L 10

Maximum Economy Neutral Disinfectant
Used in Conjunction with the Lean Clean on the Go Dispenser

MAXIMUM ECONOMY:

½ ounce per gallon of concentrate provides total cleaning, disinfection and deodorization in one labor saving, cost effective step. Costs just pennies per gallon when used in conjunction with the Lean Clean on the Go dispenser which provides pinpoint 1:256 dilution accuracy.

NON-ALKALINE. NO RINSING REQUIRED. LEAVES NO FILM.

Neutral pH Super HDQL 10 is mild and recommended for use on floors, walls, stainless steel, plastic and other hard nonporous surfaces. Will not damage or dull even the shiniest floor finish.

DESTROYS MANY ANTIBIOTIC-RESISTANT BACTERIA:

A 4th generation quat formula Super HDQL 10 kills Methicillin resistant Staphylococcus aureus (MRSA), Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) and vancomycin resistant Enterococcus faecalis (VRE) as well as other disease-causing pathogens, both gram negative and gram positive...for a complete listing refer to the list below or the product label. Pseudomonicidal. Staphylocidal. Salmonellacidal. Fungicidal. Virucidal*.

EPA Reg. No. 1839-167-5741

EPA Est. No. 5741-OH-1

ASSISTS IN PROVIDING AN INFECTION CONTROLLED ENVIRONMENT!

Super HDQL 10 is a powerful germicide which assists in eliminating cross contamination and resultant nosocomial infections.

400 PPM HARD WATER AND 5% BLOOD SERUM CLAIMS:

Super HDQL 10 delivers what's required and expected of today's high tech disinfectants. The biocidal activity of Super HDQL 10 has been proven in adverse conditions of hard water and organic soil.

PROVEN EFFECTIVE AGAINST:

Pseudomonas aeruginosa PRD-10, Salmonella enterica, Staphylococcus aureus, Staphylococcus aureus (clinical isolate), Bordetella bronchiseptica, Corynebacterium ammoniagenes, Enterobacter aerogenes, Enterobacter cloacae, Enterobacter cloacae (clinical isolate), Enterococcus faecalis, Enterococcus faecalis (clinical isolate), Escherichia coli, Escherichia coli (clinical isolate), Fusobacterium necrophorum, Klebsiella pneumoniae subsp. pneumoniae, Lactobacillus casei subsp. rhamnosus, Listeria monocytogenes, Pasteurella multocida, Proteus vulgaris, Proteus mirabilis ATCC 9921, Proteus mirabilis ATCC 25933, Salmonella enterica subsp. enterica serotype paratyphi B, Salmonella enterica subsp. enterica serotype typhi, Salmonella enterica subsp. enterica serotype typhimurium, Salmonella enterica subsp. enterica serotype pullorum, Serratia marcescens, Shigella sonnei, Shigella flexneri Type

2b, Shigella dysenteriae, Staphylococcus aureus subsp. aureus, Methicillin resistant Staphylococcus aureus (MRSA), Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) NRS 123 Genotype USA 400, Community Methicillin resistant Staphylococcus aureus (CA-MRSA) NRS 384 Genotype USA 300, Staphylococcus epidermidis, Staphylococcus epidermidis (clinical isolate), Streptococcus pyogenes (Clinical - Flesh Eating Strain BIRD M3), Streptococcus pyogenes Group A, Xanthomonas maltophilia (clinical isolate), Vancomycin resistant Enterococcus faecalis (VRE) (ATCC 51575), Vancomycin intermediate resistant Staphylococcus aureus (VISA), Human Immunodeficiency Virus Type 1 (HIV-1), Human Immunodeficiency Virus Type 2 (HIV-2), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Herpes Simplex Type 1 (causative agent of fever blisters), Herpes Simplex Type 2 (genital disease), Influenza A2/Hong Kong, Vaccinia, Rotavirus, Human Coronavirus (ATCC VR-740, Strain 229E), SARS Associated Coronavirus, Rabies virus, Bovine Viral Diarrhea Virus (BVDV), Pseudorabies, Bovine Rhinotracheitis, Feline Leukemia, Feline Picornavirus, Canine Distemper virus and Avian Influenza A virus.

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Super HDQ L10 is a phosphate-free formulation designed to provide effective cleaning, deodorizing, and disinfection specifically for hospitals, nursing homes, schools, food service establishments, transportation terminals, office buildings, manufacturing facilities, lodging establishments, retail business, and athletic/recreational facilities where housekeeping is of prime importance in controlling the hazard of cross-contamination.

This product, when used as directed, is formulated to disinfect hard non-porous inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, vanity tops, shower stalls, bathtubs, and cabinets. For larger areas: operating rooms, patient care facilities, and restrooms, 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 storage areas, empty garbage bins and cans, and other areas which are prone to odors caused by microorganisms.

This product is formulated to a neutral pH and will not dull high-gloss floor finishes with repeated use.

This product is not for use on medical device surfaces.

GENERAL CLEANING – Apply this product to soiled area with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer. This product can be diluted at 1/2 ounce per gallon or applied at full strength. Thoroughly wet soiled surface and scrub as necessary.

DISINFECTION -To disinfect inanimate, hard, nonporous surfaces, add 1/2 oz. Super HDQL10 per gallon of water. Apply solution with a mop, cloth, sponge, hand-pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For sprayer applications, spray 6-8 inches from surface,

rub with brush, sponge or cloth. Do not breathe spray mist. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

TO DISINFECT FOOD SERVICE ESTABLISHMENT FOOD CONTACT SURFACES:

countertops, appliances, tables, add 1/2 ounce of Super HDQL10 per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, sponge, hand-pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow the surface to remain wet for 10 minutes, then remove excess liquid and rinse the surface with potable water. This product cannot be used to clean the following food contact surfaces: utensils, glassware and dishes.

DEODORIZATION – To deodorize, apply this product as indicated under the heading DISINFECTION.

MILDEWSTAT – To control mold and mildew (*Aspergillus niger*, ATCC 6275) and the odors they cause on pre-cleaned, hard, non-porous inanimate surfaces add 1/2 ounce of this product per gallon of water. Apply solution with a cloth, mop, sponge or hand-pump trigger sprayer 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 appears.

BACTERICIDAL ACTIVITY – At the 1/2 ounce per gallon dilution, this product demonstrates effective disinfectant activity against the organisms: *Pseudomonas aeruginosa* PRD-10, *Salmonella enterica*, *Staphylococcus aureus*, *Staphylococcus aureus* (clinical isolate), *Bordetella bronchiseptica*, *Corynebacterium ammoniagenes*, *Enterobacter aerogenes*, *Enterobacter cloacae*, *Enterobacter cloacae* (clinical isolate), *Enterococcus faecalis*, *Enterococcus faecalis* (clinical isolate), *Escherichia coli*, *Escherichia coli* (clinical isolate), *Fusobacterium necrophorum*, *Klebsiella pneumoniae* subsp. *pneumoniae*, *Lactobacillus casei* subsp. *raimnosus*, *Listeria monocytogenes*, *Pasteurella multocida*, *Proteus vulgaris*, *Proteus mirabilis* ATCC 9921, *Proteus mirabilis* ATCC 25933, *Salmonella enterica* subsp. *enterica* serotype *paratyphi* B, *Salmonella enterica* subsp. *enterica* serotype *typhi*, *Salmonella enterica* subsp. *enterica* serotype *typhimurium*, *Salmonella enterica* subsp. *enterica* serotype *pullorum*, *Serratia marcescens*, *Shigella sonnei*, *Shigella flexneri* Type 2b, *Shigella dysenteriae*, *Staphylococcus aureus* subsp. *aureus*, Methicillin resistant *Staphylococcus aureus* (MRSA), Community Associated Methicillin resistant *Staphylococcus aureus* (CA-MRSA) NRS 123 Genotype USA 400, Community Methicillin resistant *Staphylococcus aureus* (CA-MRSA) NRS 384 Genotype USA 300, *Staphylococcus epidermidis*, *Staphylococcus epidermidis* (clinical isolate), *Streptococcus pyogenes* (Clinical - Flesh Eating Strain BIRD M3), *Streptococcus pyogenes* Group A, *Xanthomonas maltophilia* (clinical isolate), Vancomycin resistant *Enterococcus faecalis* (VRE) (ATCC 51575), and Vancomycin intermediate resistant *Staphylococcus aureus* (VISA).

FUNGICIDAL ACTIVITY - At the 1/2 oz. per gallon dilution, Super HDQL10 demonstrates effective fungicidal activity against the pathogenic fungi, *Trichophyton mentagrophytes* (Athlete's foot fungus), and *Candida albicans*. Apply solution with a cloth, sponge or hand pump trigger sprayer to hard, non-porous surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard non-porous surfaces commonly contacted by bare feet.

Allow the surface to remain wet for 10 minutes, then remove excess liquid. Diluted product should be applied daily or more frequently with heavy facility use.

***VIRUCIDAL ACTIVITY** – This product when used on environmental, inanimate hard non-porous surfaces at 1/2 ounce per gallon of water exhibits effective virucidal activity against Human Immunodeficiency Virus Type 1 (HIV-1), Human Immunodeficiency Virus Type 2 (HIV-2), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Herpes Simplex Type 1 (causative agent of fever blisters), Herpes Simplex Type 2 (genital disease), Influenza A₂/Hong Kong, Vaccinia, Rotavirus, Human Coronavirus (ATCC VR-740, Strain 229E), SARS Associated Coronavirus, Rabies virus, Bovine Viral Diarrhea Virus (BVDV), Pseudorabies, Bovine Rhinotracheitis, Feline Leukemia, Feline Picornavirus, Canine Distemper virus and Avian Influenza A virus.

KILLS HIV-1, HIV-2, HBV and HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY 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 for transmission of Human Immunodeficiency Virus Type 1 or Type 2 (HIV-1 or HIV-2) (associated with AIDS), Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HIV-2, HBV AND HCV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

PERSONAL PROTECTION: When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks, and eye coverings.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

CONTACT TIME: Allow surface to remain wet for 10 minutes.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND *VIRUCIDE IN WATER UP TO 400 PPM HARDNESS (AS CaCO₃) IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM). THIS PRODUCT IS AN EFFECTIVE FUNGICIDE AGAINST THE LISTED FUNGI IN WATER UP TO 200 PPM HARDNESS (AS CaCO₃) IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

ACTIVE INGREDIENTS:

Octyl decyl dimethyl ammonium chloride	6.510%
Dioctyl dimethyl ammonium chloride	3.255%
Didecyl dimethyl ammonium chloride	3.255%
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	8.680%

INERT INGREDIENTS:	<u>78.300%</u>
Total	100.000%

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN WATER UP TO 400 PPM HARDNESS (AS CaCO₃) IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

SPECIFICATION DATA:

Specific gravity – 1.01 @ 24°C/75°F
Density – 8.42 lbs./gal. @ 24°C/75°F
pH 6.5-7.5
Flash Point – None
Cloud Point – None to boiling
Viscosity – Water thin
Color – Green (concentrate), Clear (diluted)
Fragrance – Cool & Fresh
Stability –
a. Shelf @ 24°C/75°F – One year
b. Freeze/Thaw – 3 cycles
Contains biodegradable surfactants
Phosphate free

PACKAGING:

Super HDQL 10 is packaged in attractively labeled 2-liter containers, 4 per case. Label copy is available 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.

GUARANTEE:

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