



# 4 Q-64 DISINFECTANT

Q-64 Disinfectant Cleaner and Deodorizer is a phosphate-free, pH neutral formulation designed to provide effective cleaning, deodorizing, and disinfection for hospitals, nursing homes, schools, food processing plants, Supermarkets, food service establishments, office buildings, manufacturing facilities, lodging establishments, retail business, athletic/recreation facilities and convention centers where housekeeping is of prime importance in controlling cross-contamination from treated surfaces. This product is a one step neutral disinfectant that is effective against a broad spectrum of bacteria, is virucidal\* (including HIV-1, HIV-2, HBV and HCV) and inhibits the growth of mold and mildew and their odors when used as directed. This product when used as directed, is formulated to disinfect the following hard non-porous inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel, tables, chairs, desks, bed frames, walls, cabinets, doorknobs, garbage cans, glazed ceramic tile, plastic surfaces, play equipment, exercise equipment, exercise and wrestling mats, shower stalls, bathtubs, toilets and urinals.

## ■ PHYSICAL PROPERTIES

APPEARANCE: Clear Yellow Liquid  
SPECIFIC GRAVITY: 1.023  
ODOR: Citrus  
pH (Conc.): 5 to 7  
FLASH POINT: N/A (WATER-BASED LIQUID)

### ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride.....	1.627%
Dioctyl dimethyl ammonium chloride.....	0.814%
Didecyl dimethyl ammonium chloride.....	0.814%
Alkyl (50% C14, 40% C12, 10% C16) dimethyl- benzyl ammonium chloride.....	2.170%
<b>INERT INGREDIENTS.....</b>	<b>94.575%</b>
Total.....	100.000%

EPA REG. NO. 1839-169-74357 EPA EST. NO. 74357-MO-01

## ■ SAFE STORAGE & HANDLING

**DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.**

**PESTICIDE STORAGE-** Store in original container in a cool (temperature no lower than 50°F or higher than 120°F), dry and locked storage area inaccessible to children.

**PESTICIDE DISPOSAL-** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL-** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. After rinsing container, offer empty metal drums or plastic containers for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

### RINSING INSTRUCTIONS

Triple rinse container promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**VIEW VIDEO**  
(How to use Lock-N-Load products)

## ■ DIRECTIONS

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product is not for use on critical and semi-critical medical device surfaces. **See container label for FIRST AID and PRECAUTIONARY STATEMENTS and complete DIRECTIONS for USE before applying. Use of this product is subject to the precautions and limitations imposed by the label affixed to the container for this product.**

**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 2 ounces per gallon or applied at full strength. Thoroughly wet soiled surface and scrub as necessary.

**DISINFECTION -** To disinfect inanimate, hard non-porous surfaces add 2 ounces of product 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. **To disinfect toilet bowls -** Remove gross filth or soils from surfaces with bowl brush. Add 2 ounce 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 2 ounce per gallon dilution, Q-64 demonstrates effective disinfectant activity against the organisms: Pseudomonas aeruginosa PRD-10, Salmonella choleraesuis, Staphylococcus aureus, Staphylococcus aureus (clinical isolate), Escherichia coli, Escherichia coli (clinical isolate), Listeria monocytogenes, Shigella sonnei, Shigella flexneri Type 2b, Shigella dysenteriae, Staphylococcus aureus subsp. aureus, 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), Methicillin resistant Staphylococcus aureus (MRSA), and Vancomycin intermediate resistant Staphylococcus aureus (VISA).

**\*VIRUCIDAL ACTIVITY -** Q-64 when used on environmental, inanimate, hard, non-porous surfaces exhibits effective virucidal activity against HIV-1, HIV-2, Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Herpes Simplex Type 1 (causative agent of fever blisters), Herpes Simplex Type 2 (genital), Influenza A2/Hong Kong, Vaccinia, Rotavirus, Human Coronavirus (ATCC VR-740, Strain 229E), Bovine Viral Diarrhea Virus (BVDV), Feline Leukemia, Feline Picornavirus, and Canine Distemper. Add 2 ounces of the product per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, mop, 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. **KILLS HIV-1, HIV-2, HBV, and HCV 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 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).

## ■ PACKAGING

This product is available in 4x½ gallon cases

## ■ ADDITIONAL INFORMATION

If you need additional information, please contact our corporate office at 816-471-3602. For a Material Safety Data Sheet go to [www.chemicaluniverse.com](http://www.chemicaluniverse.com).