hdqC 2 is a neutral pH, quaternary disinfectant cleaner formulated to kill a broad spectrum of microorganisms on hard, nonporous surfaces. It disinfects without damaging or dulling floor finish even with repeated use. hdqC 2 cleans, disinfects, and deodorizes all in one step and is effective against antibiotic-resistant bacteria like methicillin resistant *Staphylococcus aureus* (MRSA) and Vancomycin resistant *Enterococcus faecalis* (VRE).

EPA Registration Number: 1839-169-5741
**HDQC® 2**

**FEATURES**
- Neutral disinfectant cleaner concentrate designed for all hard, nonporous surfaces
- Meets OSHA Bloodborne Pathogen Standard for HIV, HBV, and HCV
- Effective against antibiotic-resistant bacteria
- Kills Human Coronavirus and SARS Associated Coronavirus in 10 minutes

**BENEFITS**
- EPA emerging viral pathogen claim for SARS-CoV-2*
- Economical to use - dilute at 2 ounces per gallon of water
- Disinfects, cleans, and deodorizes in one labor-saving step
- Will not dull high-gloss floor finishes with repeated use
- Effective against a broad spectrum of bacteria and viruses

*hdqC 2 (EPA Reg # 1839-169-5741) has demonstrated effectiveness against viruses similar to 2019 novel coronavirus (SARS-CoV-2) on hard, non-porous surfaces. Therefore, this product can be used against SARS-CoV-2, the novel coronavirus that causes the disease COVID-19, when used in accordance with the directions for use against Rotavirus on hard, non-porous surfaces. Refer to the CDC website (https://www.cdc.gov/coronavirus/2019-ncov/index.html) for additional information.

**SPECIFICATION DATA**

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Dilution</td>
<td>2 oz/gal</td>
</tr>
<tr>
<td>pH</td>
<td>6.0 – 7.0</td>
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<tr>
<td>Color</td>
<td>Red</td>
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<tr>
<td>Fragrance</td>
<td>Citrus</td>
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<tr>
<td>Specific Gravity @ 24°C/75°F</td>
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<tr>
<td>Flash Point</td>
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<tr>
<td>Stability: Shelf @ 24°C/75°F</td>
<td>1 year minimum</td>
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<tr>
<td>Stability: Freeze/Thaw</td>
<td>3 cycles</td>
</tr>
<tr>
<td>EPA Registration Number</td>
<td>1839-169-5741</td>
</tr>
</tbody>
</table>

**EFFICACY DATA**

**BACTERICIDAL ACTIVITY**
At the 2 ounce per gallon dilution hdqC 2 demonstrates effective disinfectant activity against the organisms: Ampicillin resistant Acinetobacter baumannii, Bacitracin resistant Acinetobacter baumannii, Ceftazolin resistant Acinetobacter baumannii, Ceftriaxone resistant Acinetobacter baumannii, Ciprofloxacin resistant Acinetobacter baumannii, Gentamicin resistant Acinetobacter baumannii, Levofloxacin resistant Acinetobacter baumannii, Tobramycin resistant Acinetobacter baumannii, Bordetella bronchiseptica, Corynebacterium monomienes, Enterobacter aerogenes, Enterobacter cloacae, Enterobacter cloacae (clinical isolate), Enterococcus faecalis, Enterococcus faecalis (clinical isolate), Escherichia coli, Escherichia coli (clinical isolate), Escherichia coli O111:H8, Fusobacterium necrophorum, Klebsiella pneumoniae subsp. pneumoniae, Lactobacillus casei subsp. rhamnosus, Listeria monocytogenes, Pasteurella multocida, Proteus mirabilis ATCC 25933, Proteus mirabilis ATCC 9921, Proteus vulgaris, Pseudomonas aeruginosa PDD-10, Salmonella (choleraesuis) enterica, Salmonella enterica subsp. enterica serotype enteritidis, Salmonella enterica subsp. enterica serotype paratyphi B, Salmonella enterica subsp. enterica serotype pullorum, Salmonella enterica subsp. enterica serotype typhi, Salmonella enterica subsp. enterica serotype typhimurium, Serratia marcescens, Shigella dysenteriae, Shigella flexneri Type 2b, Shigella sonnei, Staphylococcus aureus, Staphylococcus aureus (clinical isolate), Staphylococcus aureus subsp. aureus, Staphylococcus epidermidis, Staphylococcus epidermidis (clinical isolate), Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) NRS 123 Genotype USA400, Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) NRS 384 Genotype USA300, Methicillin resistant Staphylococcus aureus (MRSA), Streptococcus pyogenes (Clinical - Flesh Eating Strain B/RD M3), Streptococcus pyogenes Group A, Vancomycin intermediate resistant Staphylococcus aureus (VISA), Vancomycin resistant Enterococcus faecalis (VRE), Xanthanonas maltophilia (clinical isolate).

Allow the surface to remain wet for 10 minutes.

**FUNGICIDAL ACTIVITY**
At the 2 ounce per gallon dilution, hdqC 2 is fungicidal against the pathogenic fungi Candida albicans (a cause of ringworm), Trichophyton mentagrophytes (Athlete’s Foot Fungus).

Allow the surface to remain wet for 10 minutes.

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

*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 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).

Allow the surface to remain wet for 10 minutes.

**SAFETY**: For institutional and industrial use only. Be sure to read all directions, precautionary and first aid statements on product labels before using this or any other Spartan product. If questions remain, consult your employer or a physician. Safety Data Sheets for all Spartan products are available from your authorized Spartan distributor and at www.spartanchemical.com. Workplace labels are available in English, Spanish, and French.

**GUARANTEE**: Spartan’s modern manufacturing and laboratory control ensures uniform quality. If dissatisfaction with performance of product, any unused portion may be returned for credit within 12 months of the date of manufacture.

www.spartanchemical.com  •  1-800-537-8990  •  1110 Spartan Drive, Maumee, OH 43537

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