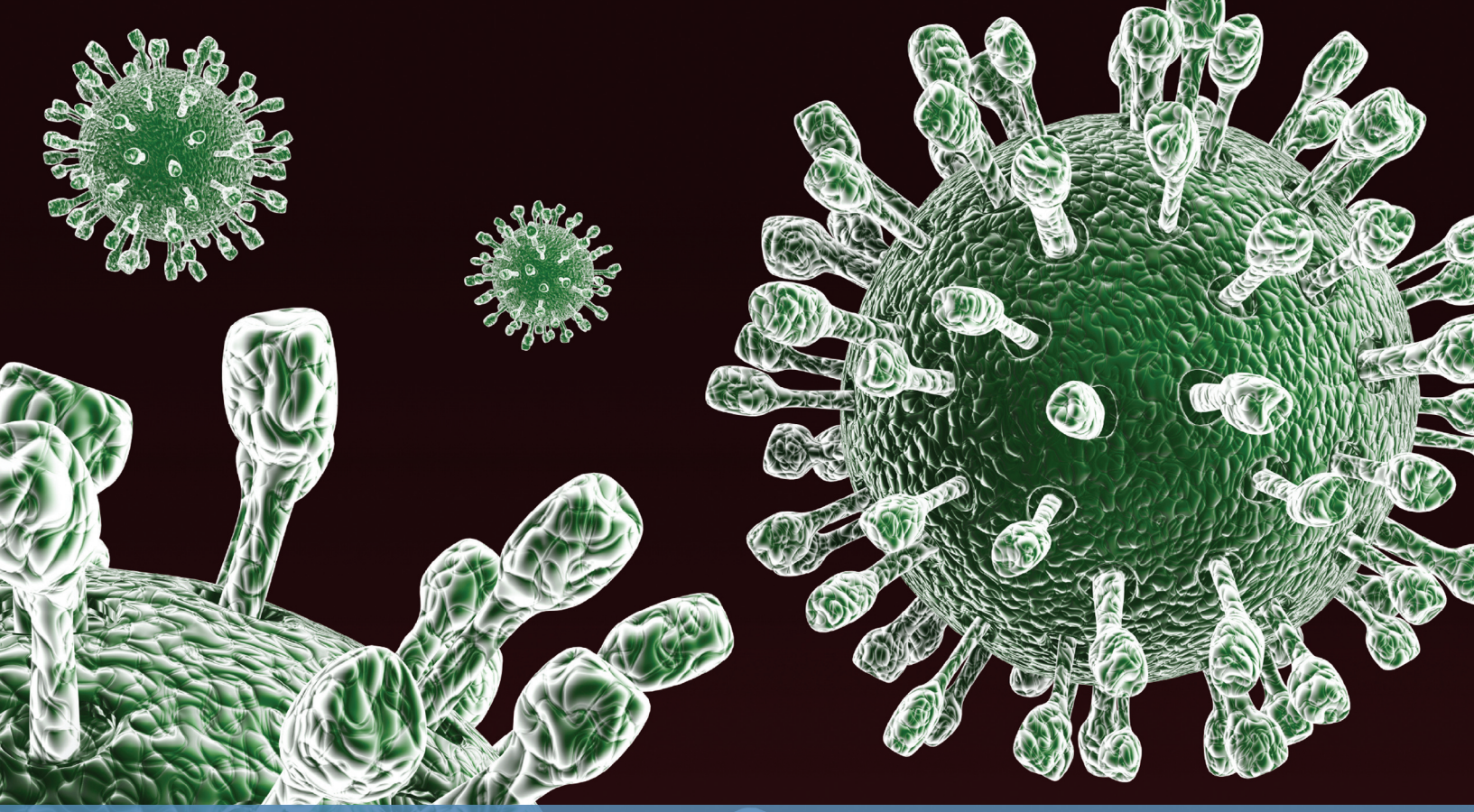

ARTIST RENDERING OF ROTAVIRUS

# QUATS ON THE JOB

**Formulations of quats are registered by the U.S. Environmental Protection Agency (EPA) for use on impervious surfaces and objects to kill specific bacteria, viruses, molds and fungi. The list below is not all inclusive but shows the extensive number of infectious disease agents that quat-based formulations target and destroy when used according to label instructions. It is important to read the label—not all products control all disease agents.**

| BACTERIA |
|---|
| Acinetobacter anitratus |
| Acinetobacter baumannii – ATCC 19606, Multi-Drug resistant (MDR) |
| Acinetobacter baumannii – ATCC BAA-1605, Multi-Drug resistant (MDR) |
| Acinetobacter calcoaceticus |
| Acinetobacter Iwoffi |
| Aeromonas hydrophila |
| Brevibacterium ammoniagenes [Brevibacterium] |
| Botrytis cinerea |
| Burkholderia cepacia |
| Campylobacter jejuni |
| Chlamydia psittaci |
| Chlorella pyrenoidosa |
| Citrobacter freundii |
| Clostridium perfringens |
| Corynebacterium ammoniagenes |
| Corynebacterium bovis |
| Enterobacter aerogenes |
| Enterobacter agglomerans |
| Enterobacteriaciae (beta-lactamase resistance) |
| Enterobacter sakazakii |
| Enterobacter cloacae |

OVER

| |
|---|
| Enterococcus faecalis (Ciprofloxacin Sensitive) |
| Enterococcus faecalis (Gentamycin Resistant) |
| Enterococcus faecalis (Penicillin G Sensitive) |
| Enterococcus faecalis (Streptomycin Sensitive) |
| Enterococcus faecalis (Tetracycline Sensitive) |
| Enterococcus faecalis – Multiple Drug Resistant |
| Enterococcus faecalis – Vancomycin Resistant [VRE] |
| Enterococcus faecium Ciprofloxacin Resistant |
| Enterococcus faecium Penicillin-G Resistant |
| Enterococcus faecium Vancomycin Resistant |
| Enterococcus hirae |
| Escherichia coli (Ampicillin Resistant) |
| Escherichia coli (Carbapenem Resistant) |
| Escherichia coli (Cefotaxime Sensitive) |
| Escherichia coli (Cefotetan Sensitive) |
| Escherichia coli (Ceftizoxime Sensitive) |
| Escherichia coli (Cephalothin Resistant) |
| Escherichia coli (Ciprofloxacine Resistant) |
| Escherichia coli (Gentamicin Resistant) |
| Escherichia coli (Mezlocillin Resistant) |
| Escherichia coli (Oxacillin Resistant) |
| Escherichia coli (Tetracycline Resistant) |
| Escherichia coli (Ticarcillin Resistant) |
| Escherichia coli (Tobramycin Resistant) |
| Escherichia coli (Trimeth-Sulfa Resistant) |
| Extended Spectrum B-Lactamase (ESBL) E coli |
| Escherichia coli Antibiotic Resistant |
| Escherichia coli O157:H7 |
| Escherichia coli O111:H8 |
| Fusobacterium necrophorum |
| Klebsiella pneumoniae (Ampicillin Resistant) |
| Klebsiella pneumpniae (Carbapenem Resistant) |
| Klebsiella pneumoniae (Cefotaxime-Intermediate Resistant) |
| Klebsiella pneumoniae (Cefotetan Sensitive) |
| Klebsiella pneumoniae (Ceftizoxime-Intermediate Resistant) |
| Klebsiella pneumoniae (Cephalothin Resistant) |
| Klebsiella pneumoniae (Ciprofloxacin Resistant) |
| Klebsiella pneumoniae (Gentamicin Resistant) |
| Klebsiella pneumoniae (Mezlocillin Resistant) |
| Klebsiella pneumoniae (Oxacillin Resistant) |
| Klebsiella pneumoniae (Ticarcillin Resistant) |
| Klebsiella pneumoniae (Tobramycin Resistant) |
| Klebsiella pneumoniae (Trimeth-sulfa Sensitive) |
| Klebsiella pneumoniae Antibiotic Resistant |
| Klebsiella pneumoniae New Delhi Metallo-Beta Lactamase [NDM-1] (Carbapenem Resistant) |
| Legionella pneumophila |
| Listeria monocytogenes |
| Lyngba versicolor |
| Micrococcus luteus |
| Mycobacterium bovis |
| Mycobacterium terrae |
| Phormidium inundatum |
| Phormidium luridum |
| Phormidium ritzii |
| Pleurochloris meiringensis |
| Pasteurella multocida |
| Proteus mirabilis |
| Proteus vulgaris |
| Pseudomonas aeruginosa, PRD-10 |
| Pseudomonas aeruginosa – ATCC & antibiotic-resistant strain |

| |
|---|
| Pseudonmonas aeruginosa Tetracycline Resistant |
| Pseudomonas cepacia [Pseudomonas] |
| Rhodocuccus equi |
| Salmonella enterica |
| Salmonella enterica serovar agona |
| Salmonella enterica serovar anatum |
| Salmonella enterica serovar Newport |
| Salmonella enterica serovar typhimurium |
| Salmonella enterica serotype pullorum |
| Salmonella enteritidis |
| Salmonella schottmuelleri |
| Salmonella typhi |
| Salmonella typhimurium |
| Serratia marcescens |
| Shigella dysenteriae [Shigella] |
| Shigella flexneri |
| Shigella sonnei |
| Staphylococcus aureus (Ampicillin Resistant) |
| Staphylococcus aureus (Cefotaxime Resistant) |
| Staphylococcus aureus (Cephalothin Resistant) |
| Staphylococcus aureus (Ciprofloxacin Sensitive) |
| Staphylococcus aureus (Clindamycin Resistant) |
| Staphylococcus aureus (Erythromycin Resistant) |
| Staphylococcus aureus (Methicillin resistant [MRSA]) |
| Staphylococcus aureus – Community Associated Methicillin Resistant [CA-MRSA] (NRS 123) (Genotype USA400) |
| Staphylococcus aureus – Community Associated Methicillin Resistant [CA-MRSA] (NRS 384) (Genotype USA300) |
| Staphylococcus aureus – Community Associated Methicillin Resistant [CA-MRSA] (Genotype USA300, ATCC 43300) |
| Staphylococcus aureus – Multi-Drug Resistant [resistant to tetracycline [Tc], penicillin [Pc], streptomycin [Sm] and erythromycin [Em] and susceptible to chloramphenicol [Cm] in vitro] |
| Staphylococcus aureus (Oxacillin Resistant) |
| Staphylococcus aureus (Penicillin G Resistant) |
| Staphylococcus aureus (Tetracycline-Intermediate Resistant) |
| Staphylococcus aureus (Trimeth/Sulfa Sensitive) |
| Staphylococcus aureus (Vancomycin Sensitive) |
| Staphylococcus aureus (Vancomycin intermediate resistant – VISA) |
| Staphylococcus epidermidis – Antibiotic resistant |
| Staphylococcus epidermidis – Methicillin resistant [MRSE] (ATCC 51625) |
| Staphylococcus haemolyticus |
| Streptococcus agalactiae |
| Streptococcus equi |
| Streptococcus mutans |
| Streptococcus faecalis – ATCC & antibiotic-resistant strain |
| Streptococcus pneumonia – Penicillin resistant (ATCC 700671) |
| Streptococcus pneumonia – Oxacillin resistant (ATCC 35088) |
| Streptococcus pyogenes [Strep] |
| Streptococcus salivarius |
| Vibrio cholarae |
| Xanthomonas axonopodis pv. Citri (Citrus Canker) |
| Xanthomonas campestris pv. vesicatoria |
| Yersinia enterocolitica |

| **FUNGI** |
|---|
| Aspergillus fumigatis |
| Aspergillus niger |
| Candida albicans |
| Candida auris |
| Trichophyton mentagrophytes [Athlete's Foot Fungus] |

| VIRUSES |
|---|
| Adenovirus Type 2 |
| Adenovirus Type 4 |
| Adenovirus Type 5 |
| Adenovirus Type 7 |
| Canine Parvovirus |
| Cytomegalovirus |
| Ebola Virus |
| Hantavirus |
| Hepatitis A Virus [HAV] |
| Hepatitis B Virus [HBV] |
| Hepatitis C Virus [HCV] |
| Herpes Simplex Virus Type 1 |
| Herpes Simplex Virus Type 2 |
| Human Coronavirus |
| HIV1 [AIDS virus] |
| Influenza A Virus H1N1 |
| Influenza A Virus I Brazil |
| Influenza A/PR Virus |
| Influenza A Virus I Hong Kong * |
| Influenza A2/J305 |
| Influenza A2/Japan |
| Influenza B virus |
| Marburg Virus |
| Monkeypox Virus |
| Mumps Virus |
| Norwalk Virus [Norovirus] |
| Poliovirus Type 1 |
| Rabies Virus |
| Respiratory Syncytial Virus [RSV] |
| Rhinovirus Type 14 |
| Rhinovirus Type 39 |
| Rotavirus [WA] |
| Rubella [German Measles] |
| SARS Associated Coronavirus-- cause of Severe Acute Respiratory Syndrome |
| SARS-CoV-2 (COVID 19 Virus) |
| Vaccinia [Pox virus] |

## For help in choosing the right disinfectant:

List A: Antimicrobial Products Registered with the EPA as Sterilizers
List B: Antimicrobial Products Registered with EPA for Claims Against Mycobacterium tuberculosis (TB)
List C: EPA's Registered Antimicrobial Products Effective Against Human HIV-1 Virus
List D: EPA's Registered Antimicrobial Products Effective Against Human HIV-1 and Hepatitis B Virus
List E: EPA's Registered Antimicrobial Products Effective Against My cobacterium tuberculosis, Human HIV-1 and Hepatitis B Virus
List F: EPA's Registered Antimicrobial Products Effective Against Hepatitis C Virus
List G: Antimicrobial Products Registered with EPA for Claims Against Norovirus (Feline calicivirus)
List H: EPA's Registered Antimicrobial Products Effective Against Methicillin-resistant Staphylococcus aureus (MRSA) and/or Vancomycin Resistant Enterococcus faecalis or faecium (VRE)
List J: EPA's Registered Antimicrobial Products for Medical Waste Treatment
List L: Disinfectants for Use Against Ebola Virus
List M: Registered Antimicrobial Products with Label Claims for Avian Influenza
List N: Disinfectants for Use Against SARS-CoV-2
List O: Disinfectants for Use Against Rabbit Hemorrhagic Disease Virus (RHDV2)
List P: Antimicrobial Products Registered with EPA for Claims Against Candida Auris Disinfectants for Emerging Viral Pathogens (EVPs)
List Q: Disinfectants for Emerging Viral Pathogens (EVPs)