

List N: Products with Emerging Viral Pathogens AND Human Coronavirus claims for use against SARS-CoV-2  
Date Accessed: 05/19/2020

| EPA Registration Number | Active Ingredient(s) | Product Name               | Company                     | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|----------------------------|-----------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 1677-21                 | Quaternary ammonium  | Mikro-Quat                 | Ecolab Inc                  | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare                             | Yes                            | 05/14/2020           |
| 5813-121                | Sodium hypochlorite  | CRB I                      | The Clorox Company          | Canine parvovirus; Feline parvovirus; Feline panleukopenia virus           | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 05/14/2020           |
| 9150-3                  | Chlorine dioxide     | Carnebon 200               | International Dioxide Inc   | Canine parvovirus  | 15                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 05/14/2020           |
| 34810-37                | Citric acid          | Wexford Disinfectant Wipes | Wexford Labs Inc            | Rhinovirus   | 5                         | Wipe             | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 05/14/2020           |
| 5813-76                 | Sodium hypochlorite  | Clorox MTOC                | The Clorox Company          | Rotavirus  | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 05/14/2020           |
| 10772-21                | Hydrogen peroxide    | Hydra                      | Church & Dwight Company Inc | Rotavirus; Rhinovirus  | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 05/14/2020           |
| 75277-2                 | Citric acid          | Freak                      | Method Products Inc         | Rhinovirus   | 10                        | RTU              | Hard Nonporous (HN)   | Residential                            | Yes                            | 05/14/2020           |

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| 1043-119                | Hydrogen peroxide; Peroxyacetic acid | SPOR-KLENZ Ready To Use      | Steris Corporation        | Murine norovirus   | 10                        | RTU              | Hard Nonporous (HN)   | Institutional                          | Yes                            | 05/14/2020           |
| 58300-25                | Peroxyacetic acid; Hydrogen peroxide | Stericide                    | ConSeal International Inc | Use this product according to the directions for use for sterilization     | 20                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 05/14/2020           |
| 69470-37                | Sodium dichloroisocyanurate          | Clearon Bleach Tablets       | Clearon Corporation       | Canine parvovirus  | 10                        | Solid            | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 05/14/2020           |
| 4822-592                | Lactic acid                          | Hygeia                       | S.C. Johnson & Son Inc    | Rotavirus  | 5                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Institutional; Residential             | Yes                            | 05/14/2020           |
| 1839-174                | Quaternary ammonium                  | Stepan Towelette             | Stepan Company            | Norovirus  | 10                        | Towelette        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 05/14/2020           |
| 1043-129                | Quaternary ammonium; Isopropanol     | Vesta-Syde SQ64 Ready-to-Use | Steris Corporation        | Feline calicivirus   | 10                        | RTU              | Hard Nonporous (HN); Food                                   | Institutional                          | Yes                            | 05/07/2020           |

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| Disinfectant            |                                      |  |                                      |  |                           |  | Contact Post-Rinse Required (FCR)                           |  |                                |                      |
| 71654-5                 | Glycolic acid                        | Glyclean Hard Surface Cleaner            | The Chemours Company FC LLC          | Rhinovirus   | 10                        | RTU  | Hard Nonporous (HN)   | Residential                            | Yes                            | 05/07/2020           |
| 70271-34                | Quaternary ammonium                  | KIK Antibacterial Multipurpose Cleaner I | KIK International LLC                | Rhinovirus   | 10                        | RTU  | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 05/07/2020           |
| 71355-2                 | Hydrogen peroxide; Peroxyacetic acid | Kickstart                                | CID Lines NV                         | Avian reovirus   | 10                        | Dilutable  | Hard Nonporous (HN)   | Institutional                          | Yes                            | 05/07/2020           |
| 4822-530                | Quaternary ammonium                  | Fantastik® All-Purpose Cleaner           | S.C. Johnson & Son Inc               | Rhinovirus   | 3                         | RTU  | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Institutional; Residential             | Yes                            | 05/07/2020           |
| 67619-42                | Hypochlorous acid                    | Galaxy                                   | Clorox Professional Products Company | Canine parvovirus; Rhinovirus  | 5                         | RTU; Electrostatic spray (Clorox® Total 360® system) | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 05/07/2020           |
| 6836-245                | Quaternary ammonium                  | CSP-46                                   | Lonza LLC                            | Feline calicivirus; Norovirus  | 10                        | RTU  | Hard Nonporous (HN); Food                                   | Healthcare; Institutional; Residential | Yes                            | 05/07/2020           |

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|                         |   |  |                        |  |                           |                  | Contact Post-Rinse Required (FCR)                           |  |                                |                      |
| 6836-379                | Quaternary ammonium                                   | Nugen NR Disinfectant Wipes                            | Lonza LLC              | Norovirus  | 5                         | Towelette        | Hard Nonporous (HN); Food Contact No Rinse (FCNR)           | Healthcare; Institutional; Residential | Yes                            | 05/07/2020           |
| 6836-372                | Quaternary ammonium                                   | Nugen 2m Disinfectant Wipes                            | Lonza LLC              | Rotavirus  | 1.5 (90 seconds)          | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 05/07/2020           |
| 8383-12                 | Hydrogen peroxide; Peroxyacetic acid                  | Peridox  | Contec Inc             | Norovirus; Rhinovirus  | 2                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 05/07/2020           |
| 1677-158                | Hydrogen peroxide; Peroxyacetic acid; Octanoic acid   | Vortexx  | Ecolab Inc             | Reovirus   | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Institutional                          | Yes                            | 05/07/2020           |
| 1677-209                | Hydrogen peroxide; Peroxyoctanoic acid; Octanoic acid | Octave FS  | Ecolab Inc             | Feline calicivirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Institutional                          | Yes                            | 05/07/2020           |
| 4822-613                | Quaternary ammonium                                   | Scrubbing Bubbles® Disinfectant Bathroom Grime Fighter | S.C. Johnson & Son Inc | Rotavirus  | 5                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Residential                            | Yes                            | 05/07/2020           |

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| 5813-93                 | Glycolic acid           | Show                              | The Clorox Company             | Rhinovirus   | 10                        | Impregnated materials | Hard Nonporous (HN)   | Residential                            | Yes                            | 05/07/2020           |
| 64240-44                | Sodium hypochlorite     | Soft Scrub with Bleach            | Combat Insect Control Systems  | Rhinovirus   | 3                         | RTU                   | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 05/07/2020           |
| 72977-3                 | Silver ion; Citric acid | Axen® 30                          | ETI H2O Inc                    | Adenovirus   | 3                         | RTU                   | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 05/07/2020           |
| 1043-127                | Phenolic                | LpH® IIIse Phenolic Disinfectant  | Steris Corporation             | Adenovirus   | 10                        | Dilutable             | Hard Nonporous (HN)   | Healthcare                             | Yes                            | 04/30/2020           |
| 92378-2                 | Quaternary ammonium     | Atmosphere                        | Atmosphere Global LLC          | Norovirus  | 10                        | Dilutable             | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/30/2020           |
| 10897-108               | Sodium hypochlorite     | Hasa Bleach 6%                    | Hasa Inc                       | Rhinovirus   | 5                         | Dilutable             | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Residential                            | Yes                            | 04/30/2020           |
| 88049-2                 | Sodium hypochlorite     | 2.2% Sodium Hypochlorite Solution | Ameriplus Inc                  | Rhinovirus   | 30                        | RTU                   | Hard Nonporous (HN)   | Institutional; Residential             | Yes                            | 04/30/2020           |
| 92449-1                 | Hypochlorous acid       | Annihilyte-1                      | Annihilare Medical Systems Inc | Rhinovirus   | 10                        | RTU                   | Hard Nonporous (HN); Food Contact                           | Healthcare; Institutional; Residential | Yes                            | 04/30/2020           |

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|                         |                      |  |                  |  |                           |                  | Post-Rinse Required (FCR)                                   |  |                                |                      |
| 95337-1                 | Citric acid          | Volcano  | CR Brands Inc    | Rhinovirus   | 5                         | Wipe             | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Institutional; Residential             | Yes                            | 04/30/2020           |
| 34810-25                | Thymol               | Ready to Use Thymol                              | Wexford Labs Inc | Feline calicivirus   | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/30/2020           |
| 8383-3                  | Phenolic             | Sporicidin (Brand) Disinfectant Solution (Spray) | Contec Inc       | Norovirus  | 5                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/30/2020           |
| 87508-3                 | Sodium chlorite      | Performacide                                     | Odorstart LLC    | Poliovirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 04/30/2020           |
| 93672-2                 | Hydrogen peroxide    | NeoSan Labs Part B                               | Neosan Labs Inc  | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required       | Healthcare; Institutional; Residential | Yes                            | 04/30/2020           |

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|                         |                      |   |                  |  |                           |                  | (FCR)   |  |                                |                      |
| 93672-1                 | Quaternary ammonium  | NeoSan Labs Part A                                | Neosan Labs Inc  | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/30/2020           |
| 1677-256                | Quaternary ammonium  | FSC 35K   | Ecolab Inc       | Feline calicivirus   | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 04/30/2020           |
| 1839-213                | Quaternary ammonium  | SC-AHD-128  | Stepan Company   | Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/30/2020           |
| 1839-211                | Quaternary ammonium  | SC-AHD-64   | Stepan Company   | Feline calicivirus   | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 5185-505                | Hydrogen chloride    | The Works® Basic Disinfectant Toilet Bowl Cleaner | Bio-Lab Inc      | Rotavirus; Poliovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Institutional; Residential             | Yes                            | 04/23/2020           |
| 74436-1                 | Quaternary ammonium  | EasyDECON Part 1                                  | EFT Holdings Inc | Hepatitis A virus; Rhinovirus;   | 10                        | RTU              | Hard Nonporous (HN); Food                                   | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |

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|                         |                              |  |                                     | Feline calicivirus   |                           |                  | Contact Post-Rinse Required (FCR)                           |  |                                |                      |
| 74436-2                 | Hydrogen Peroxide            | EasyDECON Part 2                         | EFT Holdings Inc                    | Hepatitis A virus; Rhinovirus; Feline calicivirus                          | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 66570-2                 | Sodium dichloroisocyanurate  | EfferSan™                                | Activon Inc                         | Feline calicivirus   | 5                         | Solid            | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 87492-1                 | Chlorine dioxide             | Electro-Biocide                          | Strategic Resource Optimization Inc | Rhinovirus   | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 11525-30                | Quaternary ammonium; Ethanol | Disinfectant Spray "G"                   | Aerosols Danville Inc               | Rhinovirus   | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 4822-614                | Hydrochloric acid            | Scrubbing Bubbles® Power Stain Destroyer | S.C. Johnson & Son Inc              | Rotavirus  | 10                        | RTU              | Hard Nonporous (HN)   | Residential                            | Yes                            | 04/23/2020           |



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|                         |                      | Non-Bleach Toilet Bowl Disinfectant                           |                        |  |                           |                  |   |  |                                |                      |
| 70627-79                | Hydrogen peroxide    | Oxivir™ HC Disinfectant Cleaner                               | Diversey Inc           | Feline calicivirus; Rhinovirus; Adenovirus; Rotavirus; Poliovirus          | 1                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 04/23/2020           |
| 70627-80                | Hydrogen peroxide    | Oxivir™ HC Wipes  | Diversey Inc           | Feline calicivirus; Rhinovirus; Adenovirus; Rotavirus; Poliovirus          | 1                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 04/23/2020           |
| 4822-617                | Sodium hypochlorite  | Scrubbing Bubbles® Bubbly Bleach Gel Toilet Bowl Disinfectant | S.C. Johnson & Son Inc | Rotavirus  | 10                        | RTU              | Hard Nonporous (HN)   | Residential                            | Yes                            | 04/23/2020           |
| 6836-385                | Hydrogen peroxide    | DS-6640   | Lonza LLC              | Feline calicivirus   | 3                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 6836-388                | Hydrogen peroxide    | DS6809  | Lonza LLC              | Feline calicivirus   | 3                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 91452-1                 | Citric acid          | LEXX™ Liquid Sanitizer and Cleaner Concentrate                | ProNatural Brands LLC  | Feline calicivirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |

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| 1043-128                | Phenolic                                  | Vesphene IIIse Phenolic Disinfectant | Steris Corporation   | Adenovirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 04/23/2020           |
| 88897-1                 | Quaternary ammonium; Ethanol; Isopropanol | Panther Disinfectant Towelette       | Maxill Inc           | Poliovirus   | 3                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 04/23/2020           |
| 1677-255                | Sodium dichloroisocyanurate               | XHC-S                                | Ecolab Inc           | Poliovirus   | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 04/23/2020           |
| 68660-11                | Hydrogen peroxide; Peroxyacetic acid      | Proxitane® AHC                       | Solvay Chemicals LLC | Rhinovirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Institutional                          | Yes                            | 04/23/2020           |
| 34810-31                | Phenolic                                  | Wex-cide 128                         | Wexford Labs Inc     | Feline calicivirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 1839-155                | Quaternary ammonium                       | BTC 2125M 20% Solution               | Stapan Company       | Adenovirus   | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 1839-245                | Quaternary ammonium                       | SC-5:256HN                           | Stapan Company       | Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 65402-3                 | Peroxyacetic acid; Hydrogen peroxide      | VigorOx SP-15 Antimicrobial Agent    | PeroxyChem LLC       | Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN)   | Institutional                          | Yes                            | 04/23/2020           |

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| 70271-15                | Sodium hypochlorite              | 2% Sodium Hypochlorite Spray         | KIK International Inc | Rhinovirus   | 1                         | RTU   | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 73232-1                 | Isopropanol; Quaternary ammonium | Alpet D2                             | Best Sanitizers Inc   | Norovirus  | 5                         | RTU   | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 34810-36                | Citric acid                      | CleanCide Wipes                      | Wexford Labs Inc      | Rhinovirus; Feline calicivirus   | 5                         | Towelette                                     | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 1839-96                 | Quaternary ammonium              | NP 9.0 (D&F) Detergent/ disinfectant | Stepan Company        | Feline calicivirus   | 10                        | Dilutable                                     | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 87518-1                 | Hypochlorous acid                | Hsp20                                | HSP USA LLC           | Norovirus  | 1                         | RTU   | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/23/2020           |
| 72372-1                 | Hydrogen peroxide                | B-Cap™ 35 Antimicrobial Agent        | PeroxyChem LLC        | Use this product for sterilization as instructed in the Bioquell Hydrogen  | Consult user manual       | Vapor (use in conjunction with VHP generator) | Hard Nonporous (HN); Porous (P)                             | Institutional                          | Yes                            | 04/16/2020           |

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|                         |                              |   |                              | Peroxide Vapor (HPV) User's Equipment Manual                               |                           |                  |   |  |                                |                      |
| 777-126                 | Hydrogen peroxide            | Angel   | Reckitt Benckiser LLC        | Rotavirus; Rhinovirus  | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/16/2020           |
| 4822-594                | Quaternary ammonium          | Scrubbing Bubbles® Bathroom Disinfectant Bathroom Grime Fighter | S.C. Johnson & Son Inc       | Rotavirus  | 5                         | RTU              | Hard Nonporous (HN)   | Institutional; Residential             | Yes                            | 04/16/2020           |
| 89833-4                 | Hydrogen peroxide            | D7 Part 2   | Decon7 Systems LLC           | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/16/2020           |
| 1677-254                | Sodium hypochlorite          | XHC-E   | Ecolab Inc                   | Poliovirus   | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 04/16/2020           |
| 706-65                  | Quaternary ammonium          | Claire Disinfectant Bathroom Cleaner                            | Claire Manufacturing Company | Adenovirus   | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/16/2020           |
| 70144-5                 | Quaternary ammonium; Ethanol | Opti-cide Max   | Micro-Scientific LLC         | Rotavirus  | 1                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/16/2020           |
| 3573-77                 | Sodium hypochlorite          | CSP-3002-3  | The Proctor & Gamble Company | Norovirus; Poliovirus  | 1                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/16/2020           |

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| 3573-96                 | Quaternary ammonium  | Malibu Concentrate                | The Proctor & Gamble Company | Feline calicivirus; Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/16/2020           |
| 1839-215                | Quaternary ammonium  | SC-NDC-128                        | Stepan Company               | Rotavirus  | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/16/2020           |
| 1839-233                | Quaternary ammonium  | SC-5:64N                          | Stepan Company               | Simian rotavirus   | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/16/2020           |
| 6836-233                | Quaternary ammonium  | BARDAC 205M-50                    | Lonza LLC                    | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/16/2020           |
| 70627-35                | Quaternary ammonium  | Envy Foaming Disinfectant Cleaner | Diversey Inc                 | Poliovirus   | 3                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 04/16/2020           |
| 1839-225                | Quaternary ammonium  | SC-RTU-TB                         | Stepan Company               | Rhinovirus   | 3                         | RTU              | Hard Nonporous  | Healthcare; Institutional;             | Yes                            | 04/16/2020           |

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|                         |  |                    |                              |  |                           |                  | (HN); Food Contact Post-Rinse Required (FCR)                | Residential                            |                                |                      |
| 1839-212                | Quaternary ammonium                      | SC-AHD-256         | Stepan Company               | Feline calicivirus; Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/16/2020           |
| 5741-28                 | Sodium hypochlorite                      | Tulmult            | Spartan Chemical Company Inc | Feline calicivirus; Norovirus  | 0.5 (30 seconds)          | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/16/2020           |
| 70144-2                 | Quaternary ammonium; Isopropanol         | Opti-Cide 3® Wipes | Micro-Scientific LLC         | Rotavirus; Rhinovirus  | 3                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 04/09/2020           |
| 1677-259                | Dodecylbenzenesulfonic acid; Lactic acid | CW32A-RTU          | Ecolab Inc                   | Norovirus  | 0.5 (30 seconds)          | RTU              | Hard Nonporous (HN); Food Contact No Rinse (FCNR)           | Healthcare; Institutional; Residential | Yes                            | 04/09/2020           |
| 1677-260                | Dodecylbenzenesulfonic acid; Lactic acid | S&S Sanitizer      | Ecolab Inc                   | Norovirus  | 0.5 (30 seconds)          | Dilutable        | Hard Nonporous (HN); Food Contact No Rinse                  | Healthcare; Institutional; Residential | Yes                            | 04/09/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name                       | Company                    | Follow the disinfection directions and preparation for the following virus   | Contact Time (in minutes) | Formulation Type                              | Surface Type  | Use Site                   | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|------------------------------------|----------------------------|--|---------------------------|---|---|----------------------------|--------------------------------|----------------------|
|                         |                      |                                    |                            |  |                           |   | (FCNR)  |                            |                                |                      |
| 91899-2                 | Hydrogen peroxide    | MDF-200 Part B                     | Span-World LLC             | Feline calicivirus   | 10                        | Dilutable                                     | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR)   | Healthcare; Institutional  | Yes                            | 04/09/2020           |
| 91899-1                 | Quaternary ammonium  | MDF-200 Part A                     | Span-World LLC             | Feline calicivirus   | 10                        | Dilutable                                     | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR)   | Healthcare; Institutional  | Yes                            | 04/09/2020           |
| 34810-35                | Citric acid          | Cleancide                          | Wexford Labs Inc           | Feline calicivirus   | 5                         | RTU   | Hard Nonporous (HN)   | Healthcare; Institutional  | Yes                            | 04/09/2020           |
| 9804-1                  | Chlorine dioxide     | Oxine                              | Bio-Cide International Inc | Canine parvovirus  | 10                        | Dilutable                                     | Hard Nonporous (HN)   | Healthcare; Institutional  | Yes                            | 04/09/2020           |
| 58779-4                 | Hydrogen peroxide    | Vaprox Hydrogen Peroxide Sterilant | Steris Corporation         | Use this product for sterilization as instructed in the Vaporized Hydrogen Peroxide (VHP®) User's Equipment Manual | Consult user manual       | Vapor (use in conjunction with VHP generator) | Hard Nonporous (HN); Porous (P); Food Contact No Rinse (FCNR) | Institutional              | Yes                            | 04/09/2020           |
| 58232-2                 | Sodium hypochlorite  | Sodium Hypochlorite                | Hasa Inc                   | Rhinovirus   | 5                         | Dilutable                                     | Hard Nonporous  | Healthcare; Institutional; | Yes                            | 04/09/2020           |

| EPA Registration Number | Active Ingredient(s)                         | Product Name   | Company                              | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|--|--|--------------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |  | 8.25%  |                                      |  |                           |                  | (HN)  | Residential                            |                                |                      |
| 4822-593                | L-Lactic Acid                                | Windex Disinfectant Cleaner                                | S.C. Johnson & Son Inc               | Rhinovirus   | 5                         | RTU              | Hard Nonporous (HN)   | Institutional; Residential             | Yes                            | 04/09/2020           |
| 66251-2                 | Citric acid; Thymol                          | SBT 2 to 1 Concentrate                                     | Melaleuca Inc                        | Rhinovirus; Poliovirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Residential                            | Yes                            | 04/09/2020           |
| 71700-2                 | Chlorine dioxide; Quaternary ammonium        | SNiPER   | Global Environmental Restoration Inc | Canine parvovirus  | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/09/2020           |
| 9150-2                  | Chlorine dioxide                             | Anthium Dioxide  | International Dioxide Inc            | Canine parvovirus  | 15                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 04/09/2020           |
| 66171-103               | Peroxyacetic acid; Hydrogen peroxide         | Peraside A Peroxyacetic Acid-Based Sanitizer/ Disinfectant | Preserve International               | Murine norovirus   | 2                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 04/09/2020           |
| 3573-54                 | Citric acid                                  | Comet Disinfecting Bathroom Cleaner                        | The Proctor & Gamble Company         | Feline calicivirus; Norovirus  | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/09/2020           |
| 39967-138               | Potassium peroxymonosulfate; Sodium chloride | Rely+On Multipurpose Disinfectant Cleaner                  | Lanxess Corporation                  | Hepatitis A virus; Feline calicivirus                                      | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/09/2020           |
| 1839-246                | Quaternary ammonium                          | SC-5:128HN   | Stepan Company                       | Rotavirus; Feline  | 5                         | Dilutable        | Hard Nonporous  | Healthcare; Institutional;             | Yes                            | 04/09/2020           |



| EPA Registration Number | Active Ingredient(s)                      | Product Name  | Company            | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|---|---|--------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |   |   |                    | calicivirus  |                           |                  | (HN); Food Contact Post-Rinse Required (FCR)                | Residential                            |                                |                      |
| 1839-86                 | Quaternary ammonium                       | BTC 2125M 10% Solution                              | Stepan Company     | Adenovirus   | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/09/2020           |
| 1839-166                | Quaternary ammonium                       | BTC 885 NDC-128                                     | Stepan Company     | Rotavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/09/2020           |
| 8383-13                 | Hydrogen peroxide; Peroxyacetic acid      | PeridoxRTU™   | Contec Inc         | Feline calicivirus   | 2                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 04/09/2020           |
| 84683-3                 | Thymol                                    | Benefect Botanical Daily Cleaner Disinfectant Spray | Cleanwell LLC      | Rhinovirus   | 10                        | RTU              | Hard Nonporous (HN); Food Contact No Rinse (FCNR)           | Healthcare; Institutional; Residential | Yes                            | 04/02/2020           |
| 88897-2                 | Quaternary ammonium; Ethanol; Isopropanol | Panther Disinfectant                                | Maxill Inc         | Adenovirus; Feline calicivirus   | 3                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 04/02/2020           |
| 42048-4                 | L-Lactic Acid                             | Sani-Cide EX3 (10X) RTU                             | Celeste Industries | Feline calicivirus   | 10                        | RTU              | Hard Nonporous  | Institutional                          | Yes                            | 04/02/2020           |

| EPA Registration Number | Active Ingredient(s)                | Product Name                                  | Company                | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|-------------------------------------|---|------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                                     |   | Corp                   |  |                           |                  | (HN)  |  |                                |                      |
| 66171-7                 | Quaternary ammonium; Glutaraldehyde | Synergize                                     | Preserve International | Feline calicivirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Institutional                          | Yes                            | 04/02/2020           |
| 85837-4                 | Hydrogen peroxide                   | Proxi Home General Disinfectant Cleaner Spray | Innovasource LLC       | Rhinovirus   | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/02/2020           |
| 498-179                 | Quaternary ammonium; Ethanol        | Champion Sprayon Spray Disinfectant Formula 3 | Chase Products Co      | Rhinovirus   | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 04/02/2020           |
| 1839-236                | Quaternary ammonium                 | SC-5:128N                                     | Stepan Company         | Rotavirus  | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/02/2020           |
| 70385-6                 | Quaternary ammonium                 | QGC   | Prorestore Products    | Feline calicivirus   | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 04/02/2020           |
| 1043-87                 | Phenolic                            | Vesphene II se                                | Steris Corporation     | Adenovirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/26/2020           |
| 1043-91                 | Phenolic                            | LpH®  | Steris Corporation     | Adenovirus   | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact                           | Institutional                          | Yes                            | 03/26/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name                            | Company                              | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|---|--------------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                      |   |                                      |  |                           |                  | Post-Rinse Required (FCR)                                   |  |                                |                      |
| 1839-100                | Quaternary ammonium  | Veterinarian Type Disinfectant          | Stepan Company                       | Feline calicivirus; Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Residential                            | Yes                            | 03/26/2020           |
| 1839-95                 | Quaternary ammonium  | NP 4.5 (D&F) Detergent/ disinfectant    | Stepan Company                       | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |
| 4091-20                 | Quaternary ammonium  | Phoenix 2                               | W.M. Barr & Company Inc              | Rotavirus; Feline calicivirus; Rhinovirus                                  | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |
| 44446-67                | Phenolic; Ethanol    | Concept Hospital Disinfectant Deodorant | Quest Specialty Corp                 | Adenovirus; Canine hepatitis virus   | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |
| 45745-11                | Hydrogen peroxide    | HP202                                   | Midlab                               | Rotavirus; Norovirus; Rhinovirus   | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 03/26/2020           |
| 56392-8                 | Sodium hypochlorite  | Dispatch                                | Clorox Professional Products Company | Adenovirus   | 1                         | Towelette        | Hard Nonporous (HN); Food Contact Post-Rinse                | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |

| EPA Registration Number | Active Ingredient(s)                                   | Product Name                        | Company                              | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|--|-------------------------------------|--------------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 65402-9                 | Peroxyacetic acid; Hydrogen peroxide                   | VigorOx 15/10 Antimicrobial Agent   | PeroxyChem LLC                       | Feline calicivirus   | 5                         | Dilutable        | Required (FCR)<br>Hard Nonporous (HN)                       | Healthcare; Institutional              | Yes                            | 03/26/2020           |
| 67619-40                | Sodium hypochlorite                                    | TNT                                 | Clorox Professional Products Company | Murine norovirus   | 1                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |
| 70060-19                | Sodium chlorite; Sodium dichloroisocyanurate dihydrate | Aseptrol S10-Tab                    | BASF Corporation                     | Feline calicivirus   | 10                        | Solid            | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 03/26/2020           |
| 70144-4                 | Quaternary ammonium; Ethanol                           | Opti-cide Max Wipes                 | Micro-Scientific LLC                 | Rotavirus  | 1                         | Wipe             | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |
| 70271-13                | Sodium hypochlorite                                    | Pure Bright Germicidal Ultra Bleach | KIK International LLC                | Adenovirus; Rotavirus; Canine parvovirus; Feline panleukopenia             | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |

| EPA Registration Number | Active Ingredient(s)                  | Product Name  | Company                | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|---------------------------------------|---|------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                                       |   |                        | virus; Hepatitis A virus; Norovirus; Poliovirus; Rhinovirus                |                           |                  |   |  |                                |                      |
| 70271-31                | Sodium hypochlorite                   | Nova  | KIK International LLC  | Rhinovirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |
| 777-131                 | Hypochlorous acid                     | Cousteau  | Reckitt Benckiser LLC  | Rhinovirus   | 10                        | RTU              | Hard Nonporous (HN); Food Contact No Rinse (FCNR)           | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |
| 82972-1                 | Chlorine dioxide; Quaternary ammonium | Vital Oxide   | Vital Solutions LLC    | Adenovirus; Canine parvovirus  | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |
| 84198-1                 | Hydrogen peroxide                     | Peroxy HDOX   | Earth Laboratories Inc | Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/26/2020           |
| 84683-4                 | Thymol                                | Benefect Botanical Daily Cleaner Disinfectant Towelette | Cleanwell LLC          | Rhinovirus   | 10                        | Wipe             | Hard Nonporous (HN); Food Contact No Rinse (FCNR)           | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |
| 89833-3                 | Quaternary ammonium                   | D7 Part 1   | Decon7 Systems LLC     | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |

| EPA Registration Number | Active Ingredient(s)         | Product Name  | Company                           | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|------------------------------|---|-----------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 89900-2                 | Quaternary ammonium          | Scrubbing Bubbles® Disinfectant Restroom Cleaner II | S.C. Johnson Professional         | Rotavirus  | 5                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Institutional; Residential             | Yes                            | 03/26/2020           |
| 89900-3                 | Quaternary ammonium          | Fantastik® Multi-Surface Disinfectant Degreaser     | S.C. Johnson Professional         | Rotavirus  | 5                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Institutional; Residential             | Yes                            | 03/26/2020           |
| 91399-2                 | Sodium chlorite              | Biotab7   | Advanced Biocide Technologies Inc | Feline calicivirus; Norovirus  | 1                         | Dilutable        | Hard Nonporous (HN); Food Contact No Rinse (FCNR)           | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |
| 92108-1                 | Hypochlorous acid            | Excelyte Vet  | PCT LTD                           | Norovirus  | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |
| 92987-1                 | Sodium chlorite; Citric acid | Tristel Duo for Surfaces                            | Tristel Solutions LTD             | Adenovirus; Feline calicivirus; Poliovirus                                 | 0.5 (30 seconds)          | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/26/2020           |
| 93040-1                 | Sodium chloride              | Force of Nature Activator Capsule                   | HCl Cleaning Products LLC         | Feline calicivirus   | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required       | Healthcare; Institutional; Residential | Yes                            | 03/26/2020           |

| EPA Registration Number | Active Ingredient(s)             | Product Name                       | Company                      | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type   | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------------------|------------------------------------|------------------------------|--|---------------------------|------------------|--|--|--------------------------------|----------------------|
| 1130-15                 | Quaternary ammonium; Isopropanol | Weiman Germicidal Solution         | Weiman Products LLC          | Rotavirus  | 3                         | RTU              | (FCR)<br>Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/19/2020           |
| 1677-233                | Quaternary ammonium              | Multi-Purpose Disinfectant Cleaner | Ecolab Inc                   | Feline calicivirus   | 10                        | Dilutable        | Hard Nonporous (HN)  | Healthcare; Institutional; Residential | Yes                            | 03/19/2020           |
| 5813-120                | Sodium hypochlorite              | CRB                                | The Clorox Company           | Canine parvovirus  | 10                        | Dilutable        | Hard Nonporous (HN)  | Healthcare; Institutional; Residential | Yes                            | 03/19/2020           |
| 675-55                  | Citric acid                      | Lysol® Bathroom Cleaner            | Reckitt Benckiser LLC        | Poliovirus   | 5                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR)          | Healthcare; Institutional; Residential | Yes                            | 03/19/2020           |
| 70144-1                 | Quaternary ammonium; Isopropanol | Opti-Cide 3®                       | Micro-Scientific LLC         | Rotavirus; Rhinovirus Type 14  | 2                         | RTU              | Hard Nonporous (HN)  | Healthcare; Institutional; Residential | Yes                            | 03/19/2020           |
| 706-111                 | Quaternary ammonium              | Claire Disinfectant Spray Q        | Claire Manufacturing Company | Poliovirus   | 5                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR)          | Healthcare; Institutional; Residential | Yes                            | 03/19/2020           |
| 84526-6                 | Hydrogen peroxide; Silver        | Halomist                           | Halosil International        | Feline calicivirus;  | 10                        | RTU              | Hard Nonporous   | Healthcare; Institutional              | Yes                            | 03/19/2020           |

| EPA Registration Number | Active Ingredient(s)             | Product Name                                | Company                                    | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------------------|---|--|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                                  |   | Inc  | Minute virus of men  |                           |                  | (HN)  |  |                                |                      |
| 85134-1                 | Hypochlorous acid                | Envirocleanse A                             | Envirocleanse LLC                          | Norovirus  | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/19/2020           |
| 87518-6                 | Sodium hypochlorite              | Sporex                                      | HSP USA LLC                                | Norovirus; Canine parvovirus   | 1                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/19/2020           |
| 90150-2                 | Hydrogen peroxide                | Binary Ionization Technology (BIT) Solution | Tomi Environmental Solutions Inc           | Feline calicivirus   | 15                        | Fog; Mist        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/19/2020           |
| 91582-1                 | Hypochlorous acid                | Danolyte                                    | Danolyte Global Inc                        | Adenovirus; Rhinovirus   | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/19/2020           |
| 9480-4                  | Quaternary ammonium; Isopropanol | Super Sani-Cloth Germicidal Disposable Wipe | Professional Disposables International Inc | Rhinovirus 39; Adenovirus  | 2                         | Wipe             | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 03/19/2020           |



| EPA Registration Number | Active Ingredient(s)                                      | Product Name                                 | Company                                    | Follow the disinfection directions and preparation for the following virus   | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|---|--|--|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 9480-8                  | Sodium hypochlorite                                       | Sani-Cloth Bleach Germicidal Disposable Wipe | Professional Disposables International Inc | Adenovirus; Rotavirus; Canine parvovirus; Hepatitis A virus; Poliovirus Type 1; Rhinovirus Type 37; Feline calicivirus | 1                         | Wipe             | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 03/19/2020           |
| 9480-9                  | Quaternary ammonium                                       | AF3 Germicidal Disposable Wipe               | Professional Disposables International Inc | Rotavirus; Adenovirus  | 3                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/19/2020           |
| 5813-58                 | Quaternary ammonium                                       | Spruce-ups                                   | The Clorox Company                         | Rotavirus  | 0.25 (15 seconds)         | Wipe             | Hard Nonporous (HN)   | Institutional; Residential             | Yes                            | 03/13/2020           |
| 1677-250                | Hydrogen peroxide; Peroxyoctanoic acid; Peroxyacetic acid | Synergex                                     | Ecolab Inc                                 | Reovirus   | 5                         | Dilutable        | Hard Nonporous (HN)   | Institutional                          | Yes                            | 03/13/2020           |
| 37549-1                 | Sodium hypochlorite                                       | Micro-kill Bleach Germicidal Bleach Wipes    | Medline Industries Inc                     | Norovirus  | 0.5 (30 seconds)          | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 37549-2                 | Sodium hypochlorite                                       | Micro-kill Bleach Solution                   | Medline Industries Inc                     | Norovirus  | 0.5 (30 seconds)          | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 44446-23                | Quaternary ammonium                                       | Germ Away                                    | Quest Specialty Corp                       | Canine parvovirus  | 10                        | RTU              | Hard Nonporous  | Healthcare; Institutional;             | Yes                            | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s)                      | Product Name     | Company            | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site  | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|---|------------------|--------------------|--|---------------------------|------------------|---|---|--------------------------------|----------------------|
| 46781-12                | Quaternary ammonium; Ethanol; Isopropanol | Cavicide 1       | Metrex Research    | Adenovirus; Rotavirus; Feline Calicivirus                                  | 3                         | RTU              | (HN)<br>Hard Nonporous (HN)                                 | Residential<br>Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 46781-13                | Quaternary ammonium; Ethanol; Isopropanol | Caviwipes 1      | Metrex Research    | Adenovirus   | 3                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential                | Yes                            | 03/13/2020           |
| 46781-14                | Sodium hypochlorite                       | Caviwipes Bleach | Metrex Research    | Feline calicivirus   | 3                         | Wipe             | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential                | Yes                            | 03/13/2020           |
| 46781-15                | Sodium hypochlorite                       | Cavicide Bleach  | Metrex Research    | Poliovirus; Rhinovirus   | 3                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential                | Yes                            | 03/13/2020           |
| 5813-100                | Sodium hypochlorite                       | Puma             | The Clorox Company | Canine parvovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential                | Yes                            | 03/13/2020           |
| 5813-102                | Sodium hypochlorite                       | CGB1             | The Clorox Company | Canine parvovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential                | Yes                            | 03/13/2020           |
| 5813-109                | Quaternary ammonium                       | Say Q            | The Clorox Company | Rotavirus  | 10                        | RTU              | Hard Nonporous (HN)   | Institutional; Residential                            | Yes                            | 03/13/2020           |
| 5813-113                | Quaternary ammonium                       | CDW              | The Clorox Company | Rotavirus  | 4                         | Wipe             | Hard Nonporous (HN)   | Institutional; Residential                            | Yes                            | 03/13/2020           |
| 5813-118                | Quaternary ammonium                       | Dash             | The Clorox Company | Rotavirus  | 10                        | RTU              | Hard Nonporous  | Residential   | Yes                            | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s)                 | Product Name | Company                              | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|--------------------------------------|--------------|--------------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                                      |              |                                      |  |                           |                  | (HN)  |  |                                |                      |
| 6659-3                  | Quaternary ammonium                  | Spray Nine   | ITW Permatex Inc                     | Norovirus; Rhinovirus; Poliovirus  | 0.5 (30 seconds)          | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 74559-10                | Hydrogen peroxide                    | Oxy-1 Wipes  | Virox Technologies Inc               | Poliovirus   | 0.5 (30 seconds)          | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 67619-20                | Quaternary ammonium                  | Rex          | Clorox Professional Products Company | Hepatitis A virus  | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 67619-26                | Sodium hypochlorite                  | Boris        | Clorox Professional Products Company | Canine parvovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 67619-35                | Peroxyacetic acid; Hydrogen peroxide | Blacksmith   | Clorox Professional Products Company | Rhinovirus   | 1                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/13/2020           |
| 67619-41                | Quaternary ammonium                  | PPD Dash     | Clorox Professional Products Company | Rotavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 67619-9                 | Quaternary ammonium                  | PJW-622      | Clorox Professional Products         | Rotavirus  | 3                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name            | Company   | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type        | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|-------------------------|-----------|--|---------------------------|------------------|---------------------|--|--------------------------------|----------------------|
| Company                 |                      |                         |           |  |                           |                  |                     |  |                                |                      |
| 6836-136                | Quaternary ammonium  | Lonza Formulation S-18F | Lonza LLC | Feline calicivirus   | 10                        | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 6836-139                | Quaternary ammonium  | Lonza Formulation R-82F | Lonza LLC | Feline calicivirus   | 10                        | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 6836-277                | Quaternary ammonium  | BARDAC 205M-1.30        | Lonza LLC | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 6836-303                | Quaternary ammonium  | BARDAC 205M-5.2         | Lonza LLC | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 6836-346                | Quaternary ammonium  | Lonzagard RCS-256       | Lonza LLC | Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 6836-347                | Quaternary ammonium  | Lonzagard RCS-128       | Lonza LLC | Feline calicivirus; Enterovirus  | 5                         | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 6836-348                | Quaternary ammonium  | Lonzagard RCS-128 PLUS  | Lonza LLC | Feline calicivirus; Enterovirus  | 5                         | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 6836-362                | Quaternary ammonium  | Nugen MB5A-128          | Lonza LLC | Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 6836-363                | Quaternary ammonium  | Nugen MB5A-64           | Lonza LLC | Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 6836-366                | Quaternary ammonium  | Nugen MB5N-64           | Lonza LLC | Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name                             | Company                | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|--|------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 74559-1                 | Hydrogen peroxide    | Accel TB                                 | Virox Technologies Inc | Poliovirus; Feline Calicivirus   | 1                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 74559-9                 | Hydrogen peroxide    | Oxy-1 RTU                                | Virox Technologies Inc | Poliovirus   | 0.5 (30 seconds)          | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 74559-3                 | Hydrogen peroxide    | Accel TB Wipes                           | Virox Technologies Inc | Poliovirus   | 1                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 74559-4                 | Hydrogen peroxide    | Accel (Concentrate) Disinfectant Cleaner | Virox Technologies Inc | Poliovirus   | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 777-114                 | Quaternary ammonium  | Lysol® Disinfecting Wipes (All Scents)   | Reckitt Benckiser LLC  | Rotavirus  | 10                        | Wipe             | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 83614-1                 | Quaternary ammonium  | Byotrol 24                               | Byotrol Inc            | Feline calicivirus   | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |
| 84150-2                 | Ethanol              | Mitersaw                                 | GOJO Industries Inc    | Feline calicivirus   | 5                         | Wipe             | Hard Nonporous (HN)   | Institutional; Residential             | Yes                            | 03/13/2020           |
| 87742-1                 | Thymol               | Thymox Disinfectant Spray                | Laboratoire M2         | Norovirus  | 4                         | RTU              | Hard Nonporous (HN); Food Contact No Rinse (FCNR)           | Healthcare; Institutional; Residential | Yes                            | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s)                                | Product Name                                    | Company               | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|---|---|-----------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 777-70                  | Quaternary ammonium                                 | Lysol® Brand Cling & Fresh Toilet Bowl Cleaner  | Reckitt Benckiser LLC | Rotavirus  | 0.5 (30 seconds)          | RTU              | Hard Nonporous (HN)   | Institutional; Residential             | Yes                            | 03/03/2020           |
| 1677-129                | Hydrogen peroxide; Peroxyacetic acid                | Oxonia Active                                   | Ecolab Inc            | Poliovirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 1677-226                | Hydrogen peroxide; Octanoic acid; Peroxyacetic acid | Virasept  | Ecolab Inc            | Norovirus; Rhinovirus  | 4                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 1677-235                | Sodium hypochlorite                                 | Bleach Disinfectant Cleaner                     | Ecolab Inc            | Murine Norovirus; Poliovirus; Rhinovirus                                   | 1                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 1677-237                | Hydrogen peroxide; Peroxyacetic acid                | Oxycide Daily Disinfectant Cleaner              | Ecolab Inc            | Feline Calicivirus; Rhinovirus   | 3                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 1677-238                | Hydrogen peroxide                                   | Peroxide Multi Surface Cleaner and Disinfectant | Ecolab Inc            | Norovirus  | 2                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 1677-249                | Isopropanol   | Klercide 70/30 IPA                              | Ecolab Inc            | Rhinovirus   | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 777-83                  | Sodium hypochlorite                                 | Lysol® Brand Bleach Mold And Mildew Remover     | Reckitt Benckiser LLC | Rhinovirus; Norovirus  | 0.5 (30 seconds)          | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |

| EPA Registration Number | Active Ingredient(s)             | Product Name                          | Company                             | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------------------|---------------------------------------|-------------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 1839-220                | Quaternary ammonium              | SC-RTU Disinfectant Cleaner           | Stepan Company                      | Poliovirus   | 5                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 1839-248                | Quaternary ammonium              | Stepan Spray Disinfectant Concentrate | Stepan Company                      | Rhinovirus   | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 1839-83                 | Quaternary ammonium              | Detergent Disinfectant Pump Spray     | Stepan Company                      | Canine Parvovirus  | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 4091-21                 | Quaternary ammonium              | Condor 2                              | W.M. Barr & Company Inc             | Rotavirus  | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 4091-22                 | Quaternary ammonium; Citric acid | Raptor 5                              | W.M. Barr & Company Inc             | Rhinovirus   | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 42182-9                 | Quaternary ammonium; Ethanol     | Firebird F130                         | Microban Products Company           | Poliovirus; Norovirus  | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 47371-129               | Quaternary ammonium              | Formulation HWS- 256                  | H&S Chemicals Division of Lonza LLC | Adenovirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 47371-130               | Quaternary ammonium              | Formulation HWS-128                   | H&S Chemicals Division of           | Adenovirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name  | Company                              | Follow the disinfection directions and preparation for the following virus                          | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|---|--------------------------------------|---|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                      |   | Lonza LLC                            |   |                           |                  |   |  |                                |                      |
| 47371-131               | Quaternary ammonium  | HWS-64  | H&S Chemicals Division of Lonza LLC  | Adenovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 47371-192               | Quaternary ammonium  | Formulation HWS-32  | H&S Chemicals Division of Lonza LLC  | Adenovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Institutional; Residential             | Yes                            | 03/03/2020           |
| 56392-7                 | Sodium hypochlorite  | Clorox Healthcare® Bleach Germicidal Cleaner Spray                      | Clorox Professional Products Company | Canine Parvovirus; Feline Panleukopenia Virus; Hepatitis A Virus; Norovirus; Poliovirus; Rhinovirus | 1                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 5813-105                | Sodium hypochlorite  | Clorox Multi Surface Cleaner + Bleach                                   | The Clorox Company                   | Rhinovirus; Canine Parvovirus; Feline Panleukopenia Virus; Norovirus; Poliovirus                    | 1                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Residential                            | Yes                            | 03/03/2020           |
| 5813-110                | Hydrogen peroxide    | Clorox Pet Solutions Advanced Formula Disinfecting Stain & Odor Remover | The Clorox Company                   | Enterovirus D68; Norovirus; Rhinovirus  | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |



| EPA Registration Number | Active Ingredient(s)                                | Product Name                                       | Company            | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type              | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|---|--|--------------------|--|---------------------------|------------------|---------------------------|--|--------------------------------|----------------------|
| 5813-111                | Sodium hypochlorite                                 | Clorox Disinfecting Bleach2                        | The Clorox Company | Canine Parvovirus; Feline Parvovirus                                       | 10                        | Dilutable        | Hard Nonporous (HN)       | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 5813-114                | Sodium hypochlorite                                 | Clorox Performance Bleach1                         | The Clorox Company | Canine Parvovirus; Feline Parvovirus                                       | 10                        | Dilutable        | Hard Nonporous (HN)       | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 5813-115                | Quaternary ammonium                                 | Clorox Scentiva Bathroom Disinfecting Foam Cleaner | The Clorox Company | Rotavirus  | 5                         | RTU              | Hard Nonporous (HN)       | Residential                            | Yes                            | 03/03/2020           |
| 5813-21                 | Sodium hypochlorite                                 | Clorox Clean Up Cleaner + Bleach                   | The Clorox Company | Norovirus; Poliovirus  | 1                         | RTU              | Hard Nonporous (HN)       | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 5813-40                 | Quaternary ammonium                                 | Clorox Disinfecting Bathroom Cleaner               | The Clorox Company | Rhinovirus   | 10                        | RTU              | Hard Nonporous (HN)       | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 5813-79                 | Quaternary ammonium                                 | Clorox Disinfecting Wipes                          | The Clorox Company | Rotavirus  | 4                         | Wipe             | Hard Nonporous (HN)       | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 5813-89                 | Sodium hypochlorite                                 | Clorox Toilet Bowl Cleaner with Bleach             | The Clorox Company | Rhinovirus; Rotavirus  | 10                        | RTU              | Hard Nonporous (HN)       | Institutional; Residential             | Yes                            | 03/03/2020           |
| 63761-10                | Quaternary ammonium; Sodium carbonate peroxyhydrate | Sterilex Ultra Step                                | Sterilex           | Feline Calicivirus; Rotavirus  | 10                        | Dilutable        | Hard Nonporous (HN)       | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 63761-8                 | Quaternary ammonium; Hydrogen peroxide              | Sterilex Ultra Disinfectant Cleaner                | Sterilex           | Feline Calicivirus   | 10                        | Dilutable        | Hard Nonporous (HN); Food | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |

| EPA Registration Number | Active Ingredient(s)         | Product Name  | Company                              | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |  |
|-------------------------|------------------------------|---|--------------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|--|
|                         |                              | Solution 1  |                                      |  |                           |                  |   | Contact Post-Rinse Required (FCR)      |                                |                      |  |
| 675-54                  | Quaternary ammonium          | Lysol® Brand Heavy Duty Cleaner Disinfectant Concentrate                        | Reckitt Benckiser LLC                | Rotavirus  | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 03/03/2020           |  |
| 67619-12                | Sodium hypochlorite          | Clorox Healthcare® Bleach Germicidal Wipes                                      | Clorox Professional Products Company | Canine Parvovirus; Feline Parvovirus                                       | 3                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |  |
| 67619-16                | Sodium hypochlorite          | Clorox Commercial Solutions® Toilet Bowl Cleaner with Bleach1                   | Clorox Professional Products Company | Rotavirus; Rhinovirus 39   | 10                        | RTU              | Hard Nonporous (HN)   | Institutional; Residential             | Yes                            | 03/03/2020           |  |
| 67619-17                | Sodium hypochlorite          | Clorox Commercial Solutions® Clorox® Clean-Up Disinfectant Cleaner with Bleach1 | Clorox Professional Products Company | Norovirus  | 5                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |  |
| 67619-21                | Quaternary ammonium; Ethanol | Clorox Commercial Solutions®  | Clorox Professional Products         | Coxsackie Virus; Echovirus;  | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |  |

| EPA Registration Number | Active Ingredient(s) | Product Name  | Company                              | Follow the disinfection directions and preparation for the following virus                        | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|---|--------------------------------------|---|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                      | Clorox® Disinfecting Spray  | Company                              | Feline Calicivirus; Hepatitis A Virus; Poliovirus   |                           |                  |   |  |                                |                      |
| 67619-24                | Hydrogen peroxide    | Clorox Commercial Solutions® Hydrogen Peroxide Cleaner Disinfectant       | Clorox Professional Products Company | Norovirus; Rhinovirus; Rotavirus  | 1                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 67619-25                | Hydrogen peroxide    | Clorox Commercial Solutions® Hydrogen Peroxide Cleaner Disinfectant Wipes | Clorox Professional Products Company | Norovirus   | 2                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 67619-29                | Ethanol              | Saginaw   | Clorox Professional Products Company | Coxsackievirus; Hepatitis A Virus; Rhinovirus; Rotavirus  | 5                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 67619-30                | Sodium hypochlorite  | GNR   | Clorox Professional Products Company | Coxsackievirus; Feline Calicivirus; Feline Panleukopenia Virus; Minute virus of mice; Poliovirus; | 1                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name  | Company                              | Follow the disinfection directions and preparation for the following virus   | Contact Time (in minutes) | Formulation Type | Surface Type        | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|---|--------------------------------------|--|---------------------------|------------------|---------------------|--|--------------------------------|----------------------|
|                         |                      |   |                                      | Rhinovirus Type 37   |                           |                  |                     |  |                                |                      |
| 67619-31                | Quaternary ammonium  | Clorox Commercial Solutions® Clorox® Disinfecting Wipes                   | Clorox Professional Products Company | Rotavirus  | 4                         | Wipe             | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 67619-32                | Sodium hypochlorite  | CloroxPro™ Clorox® Germicidal Bleach                                      | Clorox Professional Products Company | Canine Parvovirus; Coxsackievirus B3 Virus; Enterovirus D68; Norovirus; Feline Parvovirus; Hepatitis A Virus; Murine Norovirus; Poliovirus; Rhinovirus | 5                         | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 67619-33                | Hydrogen peroxide    | Clorox Commercial Solutions® Clorox® Disinfecting Biostain & Odor Remover | Clorox Professional Products Company | Enterovirus; Norovirus; Rhinovirus Type 37   | 5                         | RTU              | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 67619-37                | Quaternary ammonium  | Clorox Healthcare® VersaSure® Wipes                                       | Clorox Professional Products Company | Norovirus  | 5                         | Wipe             | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 67619-38                | Quaternary ammonium  | CloroxPro™  | Clorox                               | Adenovirus   | 2                         | RTU;             | Hard                | Healthcare;                            | Yes                            | 03/03/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name                            | Company                       | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type                                | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|---|-------------------------------|--|---------------------------|---|---|--|--------------------------------|----------------------|
|                         |                      | Clorox Total 360® Disinfecting Cleaner1 | Professional Products Company |  |                           | Electrostatic spray (Clorox® Total 360® system) | Nonporous (HN); Food Contact Post-Rinse Required (FCR)      | Institutional; Residential             |                                |                      |
| 6836-140                | Quaternary ammonium  | Lonza Formulation S-21F                 | Lonza LLC                     | Norovirus  | 10                        | Dilutable                                       | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-152                | Quaternary ammonium  | Lonza Formulation DC-103                | Lonza LLC                     | Norovirus  | 10                        | RTU   | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-266                | Quaternary ammonium  | BARDAC 205M-10                          | Lonza LLC                     | Norovirus  | 10                        | Dilutable                                       | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-278                | Quaternary ammonium  | BARDAC 205M- 14.08                      | Lonza LLC                     | Norovirus  | 10                        | Dilutable                                       | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-289                | Quaternary ammonium  | BARDAC 205M RTU                         | Lonza LLC                     | Norovirus  | 10                        | RTU   | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-302                | Quaternary ammonium  | BARDAC 205M-2.6                         | Lonza LLC                     | Norovirus  | 10                        | Dilutable                                       | Hard Nonporous (HN); Food Contact                           | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name                    | Company   | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|---------------------------------|-----------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 6836-305                | Quaternary ammonium  | BARDAC 205M-23                  | Lonza LLC | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-313                | Quaternary ammonium  | Lonza Disinfectant Wipes        | Lonza LLC | Rotavirus  | 10                        | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-340                | Quaternary ammonium  | Lonza Disinfectant Wipes Plus 2 | Lonza LLC | Norovirus  | 10                        | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 6836-349                | Quaternary ammonium  | Lonzagard RCS-256 Plus          | Lonza LLC | Enterovirus D68; Norovirus   | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-361                | Quaternary ammonium  | Nugen MB5A-256                  | Lonza LLC | Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-364                | Quaternary ammonium  | Nugen MB5N-256                  | Lonza LLC | Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-365                | Quaternary ammonium  | Nugen MB5N-128                  | Lonza LLC | Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-70                 | Quaternary ammonium  | BARDAC 205M-7.5                 | Lonza LLC | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-75                 | Quaternary ammonium  | Lonza                           | Lonza LLC | Norovirus  | 10                        | Dilutable        | Hard  | Healthcare;                            | Yes                            | 03/03/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name                   | Company      | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|--------------------------------|--------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                      | Formulation S-21               |              |  |                           |                  | Nonporous (HN)  | Institutional; Residential             |                                |                      |
| 6836-77                 | Quaternary ammonium  | Lonza Formulation S-18         | Lonza LLC    | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 6836-78                 | Quaternary ammonium  | Lonza Formulation R-82         | Lonza LLC    | Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 70627-24                | Quaternary ammonium  | Virex™ II / 256                | Diversey Inc | Adenovirus Type 2  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 70627-56                | Hydrogen peroxide    | Oxivir™ Tb                     | Diversey Inc | Norovirus; Rhinovirus; Poliovirus Type 1                                   | 1                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 70627-58                | Hydrogen peroxide    | Oxy-Team™ Disinfectant Cleaner | Diversey Inc | Canine Parvovirus; Feline Picornavirus                                     | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 70627-60                | Hydrogen peroxide    | Oxivir™ Wipes                  | Diversey Inc | Norovirus; Poliovirus Type 1; Rhinovirus Type 14                           | 1                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 70627-72                | Sodium hypochlorite  | Avert Sporicidal Disinfectant  | Diversey Inc | Canine Parvovirus; Norovirus;  | 1                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |

| EPA Registration Number | Active Ingredient(s)             | Product Name                                | Company               | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type        | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------------------|---|-----------------------|--|---------------------------|------------------|---------------------|--|--------------------------------|----------------------|
|                         |                                  | Cleaner                                     |                       | Hepatitis A; Poliovirus Type 1   |                           |                  |                     |  |                                |                      |
| 70627-74                | Hydrogen peroxide                | Oxivir™ 1                                   | Diversey Inc          | Canine Parvovirus; Enterovirus Type D68                                    | 1                         | RTU              | Hard Nonporous (HN) | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 70627-77                | Hydrogen peroxide                | Oxivir™ 1 Wipes                             | Diversey Inc          | Enterovirus Type D68   | 1                         | Wipe             | Hard Nonporous (HN) | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 71847-6                 | Sodium dichloro-S-triazinetrione | Klorsept                                    | Medentech LTD         | Hepatitis A virus; Coxsackievirus B3                                       | 1                         | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 71847-7                 | Sodium dichloro-S-triazinetrione | Klorkleen                                   | Medentech LTD         | Hepatitis A virus; Coxsackievirus B3                                       | 1                         | Dilutable        | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 777-127                 | Quaternary ammonium; Ethanol     | Lysol® Disinfectant Max Cover Mist          | Reckitt Benckiser LLC | Norovirus  | 10                        | RTU              | Hard Nonporous (HN) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 777-132                 | Hydrochloric acid                | Lysol® Brand Power Plus Toilet Bowl Cleaner | Reckitt Benckiser LLC | Poliovirus Type 1  | 10                        | RTU              | Hard Nonporous (HN) | Healthcare; Residential                | Yes                            | 03/03/2020           |
| 1677-251                | Hydrogen peroxide                | Peroxide Disinfectant And Glass Cleaner RTU | Ecolab Inc            | Norovirus  | 0.75 (45 seconds)         | RTU              | Hard Nonporous (HN) | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 777-81                  | Hydrochloric acid                | Lysol® Brand Lime & Rust                    | Reckitt Benckiser LLC | Poliovirus Type 1; Hepatitis A   | 10                        | RTU              | Hard Nonporous      | Healthcare; Institutional;             | Yes                            | 03/03/2020           |



| EPA Registration Number | Active Ingredient(s)         | Product Name                                    | Company                              | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|------------------------------|---|--------------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                              | Toilet Bowl Cleaner                             |                                      | virus  |                           |                  | (HN)  | Residential                            |                                |                      |
| 777-89                  | Quaternary ammonium          | Lyso® Brand Clean & Fresh Multi-surface Cleaner | Reckitt Benckiser LLC                | Rotavirus WA   | 3                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Institutional; Residential             | Yes                            | 03/03/2020           |
| 777-99                  | Quaternary ammonium; Ethanol | Lysol® Disinfectant Spray                       | Reckitt Benckiser LLC                | Norovirus  | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 84150-1                 | Ethanol                      | PURELL Professional Surface Disinfectant Wipes  | GOJO Industries Inc                  | Norovirus  | 5                         | Wipe             | Hard Nonporous (HN); Food Contact No Rinse (FCNR)           | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 84368-1                 | Ethanol                      | Urthpro   | Urthtech LLC                         | Hepatitis A virus  | 1                         | RTU              | Hard Nonporous (HN); Food Contact No Rinse (FCNR)           | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 88494-3                 | Quaternary ammonium; Ethanol | Peak Disinfectant                               | North American Infection Control Ltd | Poliovirus Type 1; Rhinovirus  | 1                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | Yes                            | 03/03/2020           |
| 88494-4                 | Quaternary ammonium;         | Peak  | North                                | Poliovirus Type  | 1                         | Wipe             | Hard  | Healthcare;                            | Yes                            | 03/03/2020           |

| EPA Registration Number | Active Ingredient(s)                      | Product Name                                | Company                                    | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|---|---|--|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         | Ethanol                                   | Disinfectant Wipes                          | American Infection Control Ltd             | 1; Rhinovirus  |                           |                  | Nonporous (HN)  | Institutional; Residential             |                                |                      |
| 9480-10                 | Quaternary ammonium; Ethanol; Isopropanol | Sani-Prime Germicidal Spray                 | Professional Disposables International Inc | Feline Calicivirus   | 3                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 9480-12                 | Quaternary ammonium; Ethanol; Isopropanol | Sani-Cloth Prime Germicidal Disposable Wipe | Professional Disposables International Inc | Feline Calicivirus   | 3                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 9480-14                 | Hydrogen Peroxide                         | Sani-HyPerCide Germicidal Spray             | Professional Disposables International Inc | Norovirus  | 1                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | Yes                            | 03/03/2020           |
| 1839-216                | Quaternary ammonium                       | SC-NDC-64                                   | Stepan Company                             | Human coronavirus  | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 04/30/2020           |
| 777-139                 | Citric acid                               | T-bone                                      | Reckitt Benckiser LLC                      | Human coronavirus  | 5                         | Wipe             | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 04/30/2020           |
| 91176-2                 | 1,2-Hexanediol                            | PELS 422                                    | The Gilla Company LLC                      | Human coronavirus  | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 04/23/2020           |

| EPA Registration Number | Active Ingredient(s)                         | Product Name              | Company             | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|--|---------------------------|---------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 1839-235                | Quaternary ammonium                          | SC-5:256N                 | Stepan Company      | Rotavirus  | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 04/23/2020           |
| 1839-244                | Quaternary ammonium                          | SC-5:64HN                 | Stepan Company      | Feline calicivirus   | 5                         | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 04/23/2020           |
| 39967-137               | Potassium peroxymonosulfate; Sodium chloride | Virkon S                  | Lanxess Corporation | Feline calicivirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Institutional                          | No                             | 04/02/2020           |
| 954-11                  | Quaternary ammonium                          | Barbicide                 | King Research Inc   | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 04/02/2020           |
| 11346-3                 | Sodium hypochlorite                          | Clorox HW                 | The Clorox Company  | Feline calicivirus; Norovirus  | 1                         | Towelette        | Hard Nonporous (HN)   | Healthcare; Residential                | No                             | 03/26/2020           |
| 11346-6                 | Sodium hypochlorite                          | Clorox HS                 | The Clorox Company  | Feline calicivirus; Norovirus  | 1                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Residential                | No                             | 03/26/2020           |
| 1677-216                | Sodium chlorite                              | Exspor Base Concentration | Ecolab Inc          | Feline calicivirus; Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 03/26/2020           |

| EPA Registration Number | Active Ingredient(s)                                | Product Name                         | Company                | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|---|--------------------------------------|------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 1839-80                 | Quaternary ammonium                                 | NP 12.5 Detergent/Disinfectant       | Stepan Company         | Adenovirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 1839-97                 | Quaternary ammonium                                 | NP 12.5 (D&F) Detergent/Disinfectant | Stepan Company         | Adenovirus   | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 34810-21                | Phenolic  | Ready To Use Wex-Cide                | Wexford Labs Inc       | Rhinovirus   | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 3862-179                | Phenolic  | Opti-Phene                           | ABC Compounding Co Inc | Human adenovirus   | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 3862-181                | Quaternary ammonium                                 | Foaming Disinfectant Cleaner         | ABC Compounding Co Inc | Poliovirus   | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 61178-2                 | Quaternary ammonium                                 | Public Places                        | Microgen Inc           | Feline calicivirus   | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 63761-5                 | Quaternary ammonium; Sodium carbonate peroxyhydrate | Sterilex Ultra Powder                | Sterilex               | Feline calicivirus; Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |

| EPA Registration Number | Active Ingredient(s)        | Product Name                     | Company                       | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|-----------------------------|----------------------------------|-------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 64240-65                | Lactic acid                 | WC Complete                      | Combat Insect Control Systems | Rhinovirus   | 0.5 (30 seconds)          | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 675-30                  | Quaternary ammonium         | Roccal II 10%                    | Reckitt Benckiser LLC         | Adenovirus   | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | No                             | 03/26/2020           |
| 6836-333                | Quaternary ammonium         | MMR-4U                           | Lonza LLC                     | Feline calicivirus; Norovirus  | 10                        | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 70271-24                | Sodium hypochlorite         | Tecumseh B                       | KIK International LLC         | Feline calicivirus; Norovirus  | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 70590-1                 | Sodium hypochlorite         | Hype-Wipe                        | Current Technologies Inc      | Feline calicivirus; Norovirus  | 1                         | Towelette        | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 03/26/2020           |
| 70627-33                | Quaternary ammonium         | Envy Liquid Disinfectant Cleaner | Diversey Inc                  | Canine parvovirus  | 5                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional              | No                             | 03/26/2020           |
| 71847-2                 | Sodium dichloroisocyanurate | Klor-Kleen                       | Medentech LTD                 | Feline calicivirus; Norovirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 03/26/2020           |

| EPA Registration Number | Active Ingredient(s)                 | Product Name  | Company                                    | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|--------------------------------------|---|--|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 777-102                 | Sodium hypochlorite                  | Lysol® Brand Toilet Bowl Cleaner with Bleach                  | Reckitt Benckiser LLC                      | Rhinovirus   | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 777-104                 | Hydrochloric acid                    | Vanity GP   | Reckitt Benckiser LLC                      | Poliovirus   | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 777-71                  | Quaternary ammonium                  | Lysol® Brand Foaming Disinfectant Basin Tub & Tile Cleaner II | Reckitt Benckiser LLC                      | Feline calicivirus; Norovirus  | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 84526-1                 | Hydrogen peroxide; Silver            | HaloSpray   | Halosil International Inc                  | Feline calicivirus; Norovirus  | 10                        | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 88089-2                 | Hydrogen peroxide; Peroxyacetic acid | Peridox   | BioMed Protect LLC                         | Feline calicivirus; Norovirus  | 2                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 88089-4                 | Hydrogen peroxide; Peroxyacetic acid | PeridoxRTU™   | BioMed Protect LLC                         | Canine parvovirus  | 3                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 88494-2                 | Ethanol; Quaternary ammonium         | Wedge Disinfectant Wipes                                      | North American Infection Control Ltd       | Poliovirus   | 1                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/26/2020           |
| 9480-11                 | Quaternary ammonium                  | BackSpray RTU   | Professional Disposables International Inc | Feline calicivirus; Norovirus  | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/26/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name             | Company                | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type                  | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|--------------------------|------------------------|--|---------------------------|-----------------------------------|---|--|--------------------------------|----------------------|
| 10324-59                | Quaternary ammonium  | Maquat 64                | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable                         | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/19/2020           |
| 777-128                 | Quaternary ammonium  | Lysol® Laundry Sanitizer | Reckitt Benckiser LLC  | Human coronavirus  | 5                         | Dilutable (laundry pre-soak only) | Porous (P) (laundry presoak only)                           | Residential                            | No                             | 03/19/2020           |
| 10324-105               | Quaternary ammonium  | Maquat 128-PD            | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable                         | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-108               | Quaternary ammonium  | Maquat 256-MN            | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable                         | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-112               | Quaternary ammonium  | Maquat 128-MN            | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable                         | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-113               | Quaternary ammonium  | Maquat 64-MN             | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable                         | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-114               | Quaternary ammonium  | Maquat 32-MN             | Mason Chemical         | Human coronavirus  | 10                        | Dilutable                         | Hard Nonporous  | Healthcare; Institutional;             | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name       | Company                | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|--------------------|------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                      |                    | Company                |  |                           |                  | (HN); Food Contact Post-Rinse Required (FCR)                | Residential                            |                                |                      |
| 10324-115               | Quaternary ammonium  | Maquat 750-M       | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-117               | Quaternary ammonium  | Maquat 710-M       | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Porous (P) (laundry presoak only)      | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-140               | Quaternary ammonium  | Maquat MQ2525M-CPV | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-141               | Quaternary ammonium  | Maquat 256-NHQ     | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-142               | Quaternary ammonium  | Maquat MQ2525M-14  | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-154               | Quaternary ammonium  | Maquat 64-         | Mason                  | Human  | 10                        | Dilutable        | Hard  | Healthcare;                            | No                             | 03/13/2020           |



| EPA Registration Number | Active Ingredient(s) | Product Name   | Company                | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|----------------|------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                      | NHQ            | Chemical Company       | coronavirus  |                           |                  | Nonporous (HN)  | Institutional; Residential             |                                |                      |
| 10324-155               | Quaternary ammonium  | Maquat 128-NHQ | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-156               | Quaternary ammonium  | Maquat 512-NHQ | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-157               | Quaternary ammonium  | Maquat 32-NHQ  | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-164               | Quaternary ammonium  | Maquat 256-PD  | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-166               | Quaternary ammonium  | Maquat 32      | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-167               | Quaternary ammonium  | Maquat 32-PD   | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-177               | Quaternary ammonium  | Maquat 705-M   | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Porous (P) (laundry presoak only)      | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-194               | Quaternary ammonium  | Maquat         | Mason                  | Human  | 10                        | Dilutable        | Hard  | Healthcare;                            | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s)                 | Product Name   | Company                | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type   | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|--------------------------------------|----------------|------------------------|--|---------------------------|------------------|--|--|--------------------------------|----------------------|
|                         |                                      | 2420-10        | Chemical Company       | coronavirus  |                           |                  | Nonporous (HN)   | Institutional; Residential             |                                |                      |
| 10324-198               | Quaternary ammonium                  | Maquat 702.5-M | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Porous (P) (laundry presoak only) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-214               | Hydrogen peroxide; Peroxyacetic acid | Maguard 5626   | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)                                    | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-230               | Hydrogen peroxide; Peroxyacetic acid | Maguard 1522   | Mason Chemical Company | Human coronavirus  | 1                         | Dilutable        | Hard Nonporous (HN)                                    | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-57                | Quaternary ammonium                  | Maquat 42      | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)                                    | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-58                | Quaternary ammonium                  | Maquat 128     | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)                                    | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-63                | Quaternary ammonium                  | Maquat 10      | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)                                    | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-71                | Quaternary ammonium                  | Maquat 280     | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)                                    | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-72                | Quaternary ammonium                  | Maquat 615-HD  | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse           | Healthcare; Institutional; Residential | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name | Company                | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|--------------|------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 10324-80                | Quaternary ammonium  | Maquat 5.5-M | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Required (FCR)<br>Hard Nonporous (HN)                       | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-81                | Quaternary ammonium  | Maquat 7.5-M | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Porous (P) (laundry presoak only)      | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-85                | Quaternary ammonium  | Maquat 86-M  | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-93                | Quaternary ammonium  | Maquat 64-PD | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-94                | Quaternary ammonium  | Maquat 20-M  | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10324-96                | Quaternary ammonium  | Maquat 50-DS | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact                           | Healthcare; Institutional; Residential | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s)             | Product Name                                     | Company                | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------------------|--|------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 10324-99                | Quaternary ammonium              | Maquat 10-PD                                     | Mason Chemical Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10492-4                 | Quaternary ammonium; Isopropanol | Discide Ultra Disinfecting Towelettes            | Palmero Healthcare LLC | Human coronavirus  | 0.5 (30 seconds)          | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 10492-5                 | Quaternary ammonium; Isopropanol | Discide Ultra Disinfecting Spray                 | Palmero Healthcare LLC | Human coronavirus  | 0.5 (30 seconds)          | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 11346-4                 | Quaternary ammonium              | Clorox QS  | The Clorox Company     | Human coronavirus  | 2                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Residential                | No                             | 03/13/2020           |
| 1672-65                 | Sodium hypochlorite              | Austin A-1 Ultra Disinfecting Bleach             | James Austin Company   | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 1672-67                 | Sodium hypochlorite              | Austin's A-1 Concentrated Bleach 8.25%           | James Austin Company   | Human coronavirus  | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 1677-204                | Octanoic acid                    | 65 Disinfecting Heavy Duty Acid Bathroom Cleaner | Ecolab Inc             | Human coronavirus  | 2                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name                             | Company        | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|--|----------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 1677-241                | Sodium hypochlorite  | Hydris                                   | Ecolab Inc     | Human coronavirus  | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 03/13/2020           |
| 1839-167                | Quaternary ammonium  | BTC 885 Neutral Disinfectant Cleaner-256 | Stepan Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 1839-168                | Quaternary ammonium  | BTC 885 NDC-32                           | Stepan Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 1839-169                | Quaternary ammonium  | BTC 885 Neutral Disinfectant Cleaner-64  | Stepan Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 1839-176                | Quaternary ammonium  | Liquid-pak Neutral Disinfectant Cleaner  | Stepan Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 1839-190                | Quaternary ammonium  | Stepan Disinfectant Wipe                 | Stepan Company | Human coronavirus  | 10                        | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 1839-214                | Quaternary ammonium  | SC-NDC-256                               | Stepan Company | Human coronavirus  | 5                         | Dilutable        | Hard Nonporous  | Healthcare; Institutional;             | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name                         | Company                | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|--------------------------------------|------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                      |                                      |                        |  |                           |                  | (HN); Food Contact Post-Rinse Required (FCR)                | Residential                            |                                |                      |
| 1839-78                 | Quaternary ammonium  | NP 3.2 Detergent/ disinfectant       | Stepan Company         | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 1839-79                 | Quaternary ammonium  | NP 4.5 Detergent/ disinfectant       | Stepan Company         | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 1839-81                 | Quaternary ammonium  | NP 9.0 Detergent/ disinfectant       | Stepan Company         | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 1839-94                 | Quaternary ammonium  | NP 3.2 (D&F) Detergent/ disinfectant | Stepan Company         | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 3862-191                | Quaternary ammonium  | Assure                               | ABC Compounding Co Inc | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 4091-23                 | Sodium hypochlorite; | Mold Armor                           | W.M. Barr &            | Human  | 0.5 (30                   | RTU              | Hard  | Institutional;                         | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s)                    | Product Name                              | Company                      | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type   | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|---|---|------------------------------|--|---------------------------|--------------------|---|--|--------------------------------|----------------------|
|                         | Sodium carbonate                        | Formula 400                               | Company Inc                  | coronavirus  | seconds)                  |                    | Nonporous (HN)  | Residential                            |                                |                      |
| 42964-17                | Quaternary ammonium; Ethanol            | Asepticare                                | Airkem professional products | Human coronavirus  | 2                         | RTU                | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 46781-6                 | Quaternary ammonium; Isopropanol        | Cavicide                                  | Metrex Research              | Human coronavirus  | 2                         | RTU                | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 4822-548                | Triethylene glycol; Quaternary ammonium | Combo                                     | S.C. Johnson & Son Inc       | Human coronavirus  | 5                         | Pressurized liquid | Hard Nonporous (HN)   | Residential                            | No                             | 03/13/2020           |
| 4822-606                | L-Lactic Acid                           | Fangio                                    | S.C. Johnson & Son Inc       | Human coronavirus  | 10                        | RTU                | Hard Nonporous (HN)   | Institutional; Residential             | No                             | 03/13/2020           |
| 4822-607                | Quaternary ammonium                     | Lauda                                     | S.C. Johnson & Son Inc       | Human coronavirus  | 5                         | RTU                | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Institutional; Residential             | No                             | 03/13/2020           |
| 4822-608                | L-Lactic acid                           | Gurney                                    | S.C. Johnson & Son Inc       | Human coronavirus  | 5                         | RTU                | Hard Nonporous (HN)   | Institutional; Residential             | No                             | 03/13/2020           |
| 4822-609                | Quaternary ammonium                     | Stewart                                   | S.C. Johnson & Son Inc       | Human coronavirus  | 3                         | RTU                | Hard Nonporous (HN)   | Institutional; Residential             | No                             | 03/13/2020           |
| 54289-4                 | Peroxyacetic acid                       | Peraclean 15 (Peroxyacetic Acid Solution) | Evonik Corporation           | Human coronavirus  | 1                         | Dilutable          | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 03/13/2020           |
| 56392-10                | Sodium hypochlorite                     | Caltech Swat 200 9B                       | Clorox Professional          | Human coronavirus  | 2                         | RTU                | Hard Nonporous  | Healthcare; Institutional              | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name                      | Company            | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type      | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|-----------------------------------|--------------------|--|---------------------------|-----------------------|---|--|--------------------------------|----------------------|
|                         |                      |                                   | Products Company   |  |                           |                       | (HN); Food Contact Post-Rinse Required (FCR)                |  |                                |                      |
| 5813-103                | Sodium hypochlorite  | CGB3                              | The Clorox Company | Human coronavirus  | 5                         | Dilutable             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 5813-104                | Sodium hypochlorite  | CGB4                              | The Clorox Company | Human coronavirus  | 5                         | Dilutable             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 5813-106                | Sodium hypochlorite  | Axl                               | The Clorox Company | Human coronavirus  | 1                         | RTU                   | Hard Nonporous (HN)   | Residential                            | No                             | 03/13/2020           |
| 5813-50                 | Sodium hypochlorite  | Ultra Clorox Brand Regular Bleach | The Clorox Company | Human coronavirus  | 5                         | Dilutable             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 5813-73                 | Quaternary ammonium  | Clorox Everest                    | The Clorox Company | Human coronavirus  | 0.5 (30 seconds)          | RTU                   | Hard Nonporous (HN)   | Institutional; Residential             | No                             | 03/13/2020           |
| 5813-86                 | Glycolic acid        | CBW                               | The Clorox Company | Human coronavirus  | 10                        | Impregnated materials | Hard Nonporous (HN)   | Residential                            | No                             | 03/13/2020           |
| 5813-98                 | Sodium hypochlorite  | Lite                              | The Clorox Company | Human coronavirus  | 1                         | RTU                   | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Institutional; Residential             | No                             | 03/13/2020           |
| 5813-99                 | Sodium hypochlorite  | Wave                              | The Clorox Company | Human coronavirus  | 1                         | Wipe                  | Hard Nonporous  | Institutional; Residential             | No                             | 03/13/2020           |



| EPA Registration Number | Active Ingredient(s) | Product Name                | Company                              | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|-----------------------------|--------------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                      |                             |                                      |  |                           |                  | (HN)  |  |                                |                      |
| 61178-1                 | Quaternary ammonium  | D-125                       | Microgen Inc                         | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 61178-5                 | Quaternary ammonium  | CCX-151                     | Microgen Inc                         | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 6198-4                  | Quaternary ammonium  | Q. A. Concentrated Solution | National Chemicals Inc               | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 62472-2                 | Quaternary ammonium  | Kennelsol HC                | Alpha Tech Pet Inc                   | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Institutional; Residential             | No                             | 03/13/2020           |
| 67619-10                | Quaternary ammonium  | CPPC Everest                | Clorox Professional Products Company | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 67619-11                | Sodium hypochlorite  | CPPC Shower                 | Clorox Professional Products Company | Human coronavirus  | 1                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 67619-13                | Sodium hypochlorite  | CPPC Storm                  | Clorox Professional                  | Human coronavirus  | 1                         | RTU              | Hard Nonporous  | Healthcare; Institutional;             | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name                               | Company                              | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type                                 | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|--|--------------------------------------|--|---------------------------|------------------|--|--|--------------------------------|----------------------|
|                         |                      |  | Products Company                     |  |                           |                  | (HN); Food Contact Post-Rinse Required (FCR) | Residential                            |                                |                      |
| 67619-27                | Sodium hypochlorite  | Buster                                     | Clorox Professional Products Company | Human coronavirus  | 5                         | RTU              | Hard Nonporous (HN)                          | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 67619-28                | Sodium hypochlorite  | Milo                                       | Clorox Professional Products Company | Human coronavirus  | 5                         | Dilutable        | Hard Nonporous (HN)                          | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 67619-8                 | Sodium hypochlorite  | CPPC Ultra Bleach 2                        | Clorox Professional Products Company | Human coronavirus  | 5                         | Dilutable        | Hard Nonporous (HN)                          | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 6836-336                | Quaternary ammonium  | Lonza Disinfectant Wipes Plus              | Lonza LLC                            | Human coronavirus  | 4                         | Wipe             | Hard Nonporous (HN)                          | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 6836-381                | Quaternary ammonium  | Lonzagard R-82G                            | Lonza LLC                            | Human coronavirus  | 1                         | Dilutable        | Hard Nonporous (HN)                          | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 6836-382                | Quaternary ammonium  | Nugen Low Streak Disinfectant Wipes        | Lonza LLC                            | Human coronavirus  | 4                         | Wipe             | Hard Nonporous (HN)                          | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 70590-2                 | Sodium hypochlorite  | Bleach-rite Disinfecting Spray With Bleach | Current Technologies Inc             | Human coronavirus  | 1                         | RTU              | Hard Nonporous (HN)                          | Healthcare; Institutional              | No                             | 03/13/2020           |
| 70627-15                | Quaternary ammonium  | Warrior                                    | Diversey Inc                         | Human  | 10                        | Dilutable        | Hard   | Healthcare;                            | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s) | Product Name                    | Company      | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                  | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|----------------------|---------------------------------|--------------|--|---------------------------|------------------|---|---------------------------|--------------------------------|----------------------|
|                         |                      |                                 |              | coronavirus  |                           |                  | Nonporous (HN); Food Contact Post-Rinse Required (FCR)      | Institutional             |                                |                      |
| 70627-2                 | Quaternary ammonium  | Disinfectant D.C. 100           | Diversey Inc | Human coronavirus  | 2                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional | No                             | 03/13/2020           |
| 70627-23                | Quaternary ammonium  | Virex™ II/ 64                   | Diversey Inc | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional | No                             | 03/13/2020           |
| 70627-6                 | Phenolic             | Phenolic Disinfectant HG        | Diversey Inc | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional | No                             | 03/13/2020           |
| 70627-62                | Hydrogen peroxide    | Phato 1:64 Disinfectant Cleaner | Diversey Inc | Human coronavirus  | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional | No                             | 03/13/2020           |
| 70627-63                | Quaternary ammonium  | 512 Sanitizer                   | Diversey Inc | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s)    | Product Name                                | Company                          | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|-------------------------|---|----------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
| 70627-75                | Sodium hypochlorite     | Avert Sporicidal Disinfectant Cleaner Wipes | Diversey Inc                     | Human coronavirus  | 1                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 03/13/2020           |
| 70627-78                | Hydrogen peroxide       | Suretouch                                   | Diversey Inc                     | Human coronavirus  | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 03/13/2020           |
| 72977-5                 | Silver ion; Citric acid | Sdc3a                                       | ETI H2O Inc                      | Human coronavirus  | 1                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 74559-6                 | Hydrogen peroxide       | Oxy-res (Concentrate)                       | Virox Technologies Inc           | Human coronavirus  | 5                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 74559-8                 | Hydrogen peroxide       | Accel 5 RTU                                 | Virox Technologies Inc           | Human coronavirus  | 5                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 777-136                 | Ethanol                 | Lysol® Neutra Air® 2 in 1                   | Reckitt Benckiser LLC            | Human coronavirus  | 0.5 (30 seconds)          | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 74986-4                 | Sodium chlorite         | Selectocide 2L500                           | Selective Micro Technologies LLC | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 03/13/2020           |
| 74986-5                 | Sodium chlorite         | Selectocide 5g                              | Selective Micro Technologies LLC | Human coronavirus  | 10                        | Solid            | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 03/13/2020           |
| 777-130                 | Quaternary ammonium     | Caterpillar                                 | Reckitt                          | Human  | 2.5 (2                    | Wipe             | Hard  | Healthcare;                            | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s)                 | Product Name                                  | Company                              | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|--------------------------------------|---|--------------------------------------|--|---------------------------|------------------|---|--|--------------------------------|----------------------|
|                         |                                      |   | Benckiser LLC                        | coronavirus  | minutes & 30 seconds)     |                  | Nonporous (HN)  | Institutional; Residential             |                                |                      |
| 8383-14                 | Hydrogen peroxide; Peroxyacetic acid | PeridoxRTU™ (Brand) One-step Germicidal Wipes | Contec Inc                           | Human coronavirus  | 0.5 (30 seconds)          | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional              | No                             | 03/13/2020           |
| 777-66                  | Quaternary ammonium                  | Lysol® Brand All Purpose Cleaner              | Reckitt Benckiser LLC                | Human coronavirus  | 2                         | RTU              | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 777-82                  | Quaternary ammonium                  | Lysol® Brand Deodorizing Disinfectant Cleaner | Reckitt Benckiser LLC                | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Institutional; Residential             | No                             | 03/13/2020           |
| 777-91                  | Quaternary ammonium                  | Lysol® Kitchen Pro Antibacterial Cleaner      | Reckitt Benckiser LLC                | Human coronavirus  | 2                         | RTU              | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 8383-7                  | Phenolic                             | Sporicidin (Brand) Disinfectant Towelettes    | Contec Inc                           | Human coronavirus  | 5                         | Wipe             | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 85343-1                 | Quaternary ammonium                  | Teccare Control                               | Talley Environmental Care Limited    | Human coronavirus  | 10                        | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 88494-1                 | Quaternary ammonium; Ethanol         | Wedge Disinfectant                            | North American Infection Control LTD | Human coronavirus  | 1                         | Dilutable        | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |

| EPA Registration Number | Active Ingredient(s)  | Product Name                           | Company                                    | Follow the disinfection directions and preparation for the following virus | Contact Time (in minutes) | Formulation Type   | Surface Type  | Use Site                               | Emerging Viral Pathogen Claim? | Date Added to List N |
|-------------------------|---|--|--|--|---------------------------|--------------------|---|--|--------------------------------|----------------------|
| 89896-2                 | Hypochlorous acid   | Cleansmart                             | Simple Science Limited                     | Human coronavirus  | 10                        | RTU                | Hard Nonporous (HN); Food Contact No Rinse (FCNR)           | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 89900-1                 | Hydrogen peroxide   | Nathan 2                               | S.C. Johnson Professional                  | Human coronavirus  | 5                         | RTU                | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 90287-1                 | Quaternary ammonium   | Maquat 25.6-PDX                        | VI-JON Inc                                 | Human coronavirus  | 10                        | Dilutable          | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 9402-14                 | Hydrogen peroxide; Ammonium carbonate; Ammonium bicarbonate | Hitman Spray                           | Kimberly-Clark Global Sales LLC            | Human coronavirus  | 5                         | RTU                | Hard Nonporous (HN)   | Institutional; Residential             | No                             | 03/13/2020           |
| 9402-15                 | Hydrogen peroxide; Ammonium carbonate; Ammonium bicarbonate | Victor Spray                           | Kimberly-Clark Global Sales LLC            | Human coronavirus  | 5                         | Pressurized liquid | Hard Nonporous (HN)   | Healthcare; Institutional; Residential | No                             | 03/13/2020           |
| 9402-17                 | Hydrogen peroxide; Ammonium carbonate; Ammonium bicarbonate | Hitman Wipe                            | Kimberly-Clark Global Sales LLC            | Human coronavirus  | 6                         | Wipe               | Hard Nonporous (HN)   | Institutional; Residential             | No                             | 03/13/2020           |
| 9480-5                  | Quaternary ammonium   | Sani-cloth Germicidal Disposable Cloth | Professional Disposables International Inc | Human coronavirus  | 3                         | Wipe               | Hard Nonporous (HN); Food Contact Post-Rinse Required (FCR) | Healthcare; Institutional; Residential | No                             | 03/13/2020           |