

GENERATION 5 - Specifications

GENERATION 5 is a phosphate-free formulation designed to provide effective cleaning, deodorizing, and disinfection in hospitals, nursing homes, hotels, schools, food processing establishments, restaurants, athletic/recreation facilities, sports stadiums, amphitheaters, convention centers and other institutions where housekeeping is of prime importance in controlling cross-contamination from treated surfaces. This product, when used as directed, is formulated to disinfect hard non-porous inanimate environmental surfaces such as floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets and artificial turf surfaces. For larger areas such as operating rooms and patient care facilities, this product is designed to provide both general cleaning and disinfecting. This product deodorizes those areas which generally are hard to keep fresh smelling, such as garbage cans, storage areas, empty garbage bins and cans, toilet bowls, and other areas which are prone to odours caused by microorganisms. This product is formulated to a neutral pH and will not dull high-gloss floor finishes with repeated use.

Virucidal

Contact Time: 10 minutes

Dilution: 16 mL/L

- Avian Influenza A (H3N2) (ATCC VR-2072)
- Avian Influenza A Turkey/Wisc/66 (H9N2)
- Bovine Rhinotracheitis (ATCC VR-188)
- Canine Distemper virus (ATCC VR-128)
- Feline Leukemia
- Feline Picornavirus (ATCC VR-649)
- Herpes Simplex Type 1 (ATCC VR-260)
- Herpes Simplex Type 2 (ATCC VR-734)
- Human immunodeficiency Virus T 1 and T 2 (HIV-1 and HIV-2)
- Influenza A2/Hong Kong (ATCC VR-544)
- Paramyxovirus
- Vaccinia Pseudorabiles (ATCC VR-119)

This product has demonstrated effectiveness against Vaccinia and Influenza A virus and is expected to inactivate all Influenza A viruses including **2009 (H1N1) pandemic Influenza A virus**.

Bactericidal

Contact Time: 10 minutes

Dilution: 16 mL/L

- Ampicillin resistant Acinetobacter baumannii
- Bactrim resistant Acinetobacter baumannii
- Tobramycin resistant Acinetobacter baumannii
- Bordetella bronchiseptica (ATCC 31437)
- Corynebacterium ammoniagenes (ATCC 6871)
- Cefazolin resistant Acinetobacter baumannii
- Ceftriaxone resistant Acinetobacter baumannii
- Ceftriaxone resistant Acinetobacter baumannii
- Ciprofloxacin resistant Acinetobacter baumannii
- Enterobacter aerogenes (ATCC 13048)
- Enterobacter cloacae (ATCC 23355)
- Enterobacter cloacae (clinical isolate)
- Enterococcus faecalis (clinical isolate)
- Enterococcus faecalis (ATCC 19433)
- Enterococcus faecalis (Vancomycin Resistant) (ATCC 51575)
- Escherichia coli (ATCC 11229)
- Escherichia coli (clinical isolate)
- Fusobacterium necrophorum (ATCC 27852)
- Gentamicin resistant Acinetobacter baumannii
- Klebsiella pneumoniae subsp. Pneumoniae (ATCC 13883)
- Lactobacillus casei subsp. Rhamnosus (ATCC 7469)
- Levofloxacin resistant Acinetobacter baumannii
- Listeria monocytogenes (ATCC 35152)
- Pasteurella multocida (ATCC 7707)
- Proteus mirabilis (ATCC 9921)
- Proteus mirabilis (ATCC 25933)
- Proteus vulgaris (ATCC 13315)
- Pseudomonas aeruginosa (ATCC 15442)
- Salmonella choleraesuis (ATCC 10708)
- Salmonella choleraesuis subsp. Choleraesuis serotype typhimurium (ATCC 14028)
- Salmonella choleraesuis subsp. Choleraesuis serotype paratyphi B (ATCC 8759)
- Salmonella choleraesuis subsp. Choleraesuis serotype pullorum (ATCC 9120)
- Salmonella choleraesuis subsp. Choleraesuis serotype typhi (ATCC 6539)
- Salmonella enteritidis
- Serratia marcescens (ATCC 8100)
- Shigella sonnei (ATCC 25931)
- Shigella flexneri Type 2b (ATCC 12022)
- Shigella dysenteriae (ATCC 12180)
- Staphylococcus aureus (ATCC 6538)
- Staphylococcus aureus subsp. Aureus (ATCC 33592)
- Staphylococcus aureus (Methicillin Resistant) MRSA (ATCC 33592)
- Staphylococcus aureus (clinical isolate)
- Staphylococcus aureus (Vancomycin intermediate)
- Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA) (NRS 123, Genotype USA400)
- Community Associated Methicillin resistant Staphylococcus aureus (NRS 384, Genotype USA300)
- Staphylococcus epidermidis (clinical isolate)
- Staphylococcus epidermidis (ATCC 29641)
- Streptococcus pyogenes Group A (ATCC 19615)
- Streptococcus pyogenes (clinical-flesh eating strain BIRD M3)
- Xanthomonas maltophilia (clinical isolate)

Fungicidal

Contact Time: 10 minutes

Dilution: 16 mL/L

- Candida albicans (ATCC 10231)
- Trichophyton mentagrophytes (ATCC 9533)

Mildewstat

Contact Time: 10 minutes

Dilution: 16 mL/L

- Aspergillus niger (ATCC 6275)

GENERATION 5 PLUS

DISINFECTION AND DEODORIZATION

To disinfect inanimate, hard non-porous surfaces add 16 mL of this product per Litre of water. Apply solution with a mop, cloth, sponge or hand-pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

TO DISINFECT TOILET BOWLS

Remove gross filth or soils from surfaces with bowl brush. Add 16 mL of product to the bowl water. Brush or swab the bowl completely using a scrub brush or toilet mop making sure to get under the rim. Let stand for 10 minutes and flush.

TO DISINFECT FOOD PROCESSING ESTABLISHMENTS

To disinfect food processing premises; floors, walls, storage area and equipment, add 16 mL per litre of water. Apply solution with a mop, cloth, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. Before using this product, food products and packaging materials must be removed from the area and carefully protected. After use, all surfaces in the area must be rinsed with potable water.

DIN

02248923

ACTIVE INGREDIENTS

Octyl decyl dimethyl ammonium chloride: 1.627 %

Diocetyl dimethyl ammonium chloride: 0.814 %

Didecyl dimethyl ammonium chloride: 0.814 %

Alkyl (40%C12, 50% C14, 10% C16) Dimethyl benzyl ammonium chloride: 2.170 %

FORMATS AND COSES

1 L: 09-12035-11

4 L: 09-12035-04

20 L: 09-12035-20

COLOUR

Orange

ODOUR

Fresh

pH (PURE)

8

pH (DILUTION 1%)

6.5

PRECAUTIONS

- When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks, or eye coverings.
- Blood or body fluids must be thoroughly cleaned from surfaces and objects before application of this product.
- All surfaces in direct contact with food must be rinsed thoroughly with potable water before reuse.

Approved in Food and Beverage plants