# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Washington, D.C. 20460



OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

SEP 2 7 2005

Robert Prince DEF 27 President Microgen, Inc 33 Clinton Road Suite 102 West Caldwell

Subject: Public Places Towelette EPA Reg. No.61178-4 Application Dated: June 16, 2005 Receipt Date: June 29, 2005

Dear Mr. Prince,

The following amendment submitted in connection with registration under the section 3(c)(7)(a) of Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended is acceptable with comments.

# **Proposed Amendment**

• Revise labeling

# Conditions

Revise the label as follows:

- 1.On page 2, revise the towelette section of the Storage and Disposal Statements [A] and [B] to include the statement "Store in areas inacessible to children and person unfamiliar with product use".
- 2.Under the **Areas of Use section** on page 6, revise tile to "glazed" tile to qualify this use site as a hard, nonporous surface.
- 3.On page 7, revise the statement "[Effective against a wide range of bacteria including Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa]" to "[Effective against a wide range of bacteria Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa]"
- 4.On page 7, revise the nomenclature of the microorganism listed as "Apergillus candidus" to "Aspergillus candidus".

- 5.On page 6, Delete the statement,"Most remaining organisms are killed within 10 minutes by exposure to the liquid in the towel."
- 6.On page 3, Delete the statement, " The organisms are killed by the exposure to the liquid in the towelette. Organisms are removed from the surface by throughly wiping on the surface with the towelette. Any remaining organisms are killed by the liquid deposited on the surface from the towelette."

# **General Comments**

A stamped copy of the accepted labels are enclosed for your records. Submit (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling. Submit revised labeling for review by the Agency.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely, Velma Noble

Product Manager (31) Regulatory Management Branch1 Antimicrobial Division (7510c)0

# **FRONT PANEL**

# PUBLIC PLACES TOWELETTE

Disinfectant Virucidal Wipe - Germicidal Disposable Wipe Disinfectant, Bactericidal, Fungicidal, Virucidal

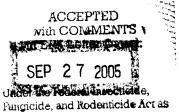
Cleans as it disinfects - Redefining Clean - Cleans and Disinfects Kills germs found on phones- Cell phone cleaner and disinfectant Will not damage-harm-discolor phones Premoistened Wipes - Extra Large Wipe Size - Large Wipe Size

# ACTIVE INGREDIENTS

| Alkyl ( $C_{14}$ 60%, $C_{16}$ 30%, $C_{12}$ 5%, $C_{18}$ 5%) dimethyl benzyl ammonium chloride 0.0 | )7% |
|---|-----|
| Alkyl ( $C_{12}$ 68%, $C_{14}$ 32%) dimethyl ethylbenzyl ammonium chloride 0.0                      | 07% |
| INERT(OTHER) INGREDIENTS  | 86% |
| 100.0   | 00% |

NOTE: Inert (Other) ingredients do not include the towelette

# KEEP OUT OF REACH OF CHILDREN CAUTION See back panel for additional precautionary statements. Net Contents: one towelette per foil wrap 6-12-24 per pak 50-65-100-150-160 per dispenser 65 Extra Large Wipes-160 Large Wipes 6 Containers with 65 Wipes - 12 Containers with 160 wipes each



registered under EPA Reg. No. 61178-4

Microgen Inc. 33 Clinton Road Suite 102 West Caldwell, NJ 07006 T: 800-420-7522) F: 973-575-9075 info@microgeninc.com www.microgeninc.com

EPA REG NO. 61178-4 EPA EST. NO.

- Licensed From Microgen. Inc.

- Contains Public Places Towelette Brand Hospital Disinfectant Formula Exclusively From Microgen, Inc.

#### PRECAUTIONARY STATEMENTS

Hazard to humans and domestic animals.

**Caution.** Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or tobacco. Remove contaminated clothing and wash before reuse. FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING**: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### [Use one of the following as applicable to type of container:]

[[TOWELETTE] [WIPE] [TOWEL]

TYPES OF TOWELETTE DISPENSERS

TOWELETTE: Open foil wrap, discard foil, unfold wipe.

TRAVEL PAK: Pull out wipes as needed and reseal container.

TRAVEL PACK: Peel back label slowly. Pull out wipes as needed and reseal label. Unfold wipe.

DISPENSER: To start feed, flip open cap, remove (foil) seal, pull towelette

from center, break off at perforation and close container.

DISPENSER DIRECTIONS: To start feed: Remove lid and discard inner seal from canister. Find center of wipe roll, remove first wipe for use, twist corner of next wipe into a point and thread through the hole in the canister lid. Pull through about one inch. Replace lid. Dispense remaining wipes as necessary by pulling out at an angle. When not in use keep center cap of lid closed to prevent moisture loss.

# [Use storage/disposal statement A if towelette dispenser directions used. Use storage/disposal statement B if travel pack or packet directions used. Use storage/disposal statement C for all other packagings.]

[A]

# STORAGE AND DISPOSAL

Towelette: Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet. Dispenser: Do not reuse empty container. Wrap container and put in trash collection.

[B]

# STORAGE AND DISPOSAL

Towelette: Do not reuse towelette. Dispose of used towelette in trash. Do not flush in toilet. Travel Pack [or Packet]: Put empty travel pack [or packet] in trash collection.

#### [C] STORAGE AND DISPOSAL

Store in area inaccessible to children and person unfamiliar with product use. Do not reuse towelette(s). Discard used towelette(s) and empty container in trash.

A one-step disinfectant that works in the presence of 5% organic load. For use on toilet seats, telephones, door knobs and similar hard nonporous inanimate environmental surfaces in homes, restaurants, hotels, motels, gas stations, health clubs and spas. Controls cross contamination from treated inanimate environmental surfaces.

#### [Use one or more of the following as appropriate; at least o<u>ne set of directions must be used; they may be</u> used in any order as long as the entire paragraph is used:]

#### TO CLEAN, DEODORIZE AND DISINFECT:

Open, unfold wipe and remove gross filth. Preclean heavily soiled surfaces prior to disinfection. Use a second towelette to thoroughly wet surface. Thoroughly wet hard, nonporous surfaces so that it remains wet for 10 minutes. Allow to air dry.

For food contact surfaces such as tables and counters, rinse with potable water. Do not use on glasses, dishes or utensils.

The organisms are killed by exposure to the liquid in the towelette. Organisms are removed from the surface by thoroughly wiping on the surface with the towelette. Any remaining organisms are killed by the liquid deposited on the surface from the towelette.

Refer to insert for complete organism contact times.

#### **TO DISINFECT:**

**NON FOOD CONTACT SURFACES**: Use a wipe to remove gross filth [or heavy soil]. Unfold a clean wipe and thoroughly wet surface. Treated surface must remain visibly wet for a full ten (10) minutes. Use additional wipe(s) if needed to assure continuous 10 minute wet contact time. Let air dry.

**FOR MOLD/MILDEW CONTROL:** Wipe surface until thoroughly wet. Allow surface to remain wet for 5 minutes. Air Dry. Repeat as needed or when mold/mildew reapears.

**SANITIZATION - NON-FOOD CONTACT SURFACES:** Remove all gross filth or heavy soil prior to using towelette. To sanitize hard, nonporous surfaces in such areas as schools, institutions, and industries, wipe surface until thoroughly wet. Allow surface to remain wet for 1 minute. Air dry.

**DEODORIZER:** This product deodorizes garbage storage areas, empty garbage bins and cans, exterior surfaces of toilet bowls and any other odor-causing areas.

**FUNGICIDAL:** Kills Trichophyton mentagrophytes, agent causes Athlete's Foot Fungus, on hard nonporous surfaces in areas such as locker rooms, exercise facilities and bath and shower areas.

KILLS HIV-1 AND HBV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS) or Hepatitis B Virus (HBV).

### SPECIAL INSTRUCTIONS FOR CLEANING & DECONTAMINATION AGAINST HIV-1 AND HBV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

**PERSONAL PROTECTION**: Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks, or eye coverings.

**CLEANING PROCEDURE**: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

**CONTACT TIME**: Leave surfaces wet for 30 seconds and 10 minutes for HIV-1 and HBV, respectively. Use 10 minute contact time to mitigate other viruses, bacteria and fungi listed on the label and/or on the insert unless noted for specific organisms which require longer contact time.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

#### FOR VETERINARY FACILITIES: OFFICES/LABS/CLINICS DISINFECTANT USE

1.Remove all animals and feed from premises, cars, boats, trucks and other equipment.

2.Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.

3.Empty all troughs, racks, and other feeding and watering appliances.

4. Thoroughly clean all surfaces with soap or detergent and rinse with water.

5.Open and unfold wipe (towelettte).Thoroughly wet hard, nonporous surfaces so that it remains wet for10 minutes. Allow to air dry.

6. Wipe in order to treat all halters, ropes, and other types of equipment used in handling and restraining animals. Forks, shovels, and scrapers used for removing litter and manure is not recommended to be treated with a single wipe. Multiple wipes may be needed.

7. Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried.

8. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse

Keep your cell phone clean and free of germs. Premoistened wipe removes soil and germs.

For pocket, purse, or institutional use For travel or work

#### WIPE ONTO:

Toilet Seats Telephones, Furniture Door Knobs, Light Switches Bathroom Fixtures, Sinks Bathtubs, Shower Stalls Stoves, Exterior Surfaces of Refrigerators Interior Surfaces of Commercial Refrigerators\*\* Counters, Tables

#### FOR USE IN:

Public Restrooms Airplanes Hotels, Motels Day Care Centers/Nursing Homes Highway Service Areas/Gas Stations Hospitals/Doctors-Dentist Offices & Labs/Clinics & Sickrooms Veterinary Facilities: Offices/Labs/Clinics Health Clubs/Spas/Gyms/Locker rooms/Exercise facilities/Bath-shower areas Restaurants/Bars/Fast Food Chains Homes, Offices Laundromats Camp Sites, RV's Industries/Institutions Food Processing Areas

#### FOR USE BY:

Vacationers Business Travelers Truckers Doctors, Nurses Paramedics CPR Instructors Firefighters, Police

\*\*Note to users in commercial settings: Interior surfaces of refrigerators are classified by the USEPA as a food contact surface and require the user to conduct a potable water rinse on the interior surfaces of the refrigerator after the interior surfaces are treated with this product.

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#### <u>/choose from the following areas of use as appropriate; they may be listed in any order; at least one</u> use site (including corresponding list of surfaces) must be used on the label:]

#### AREAS OF USE

| Bathroom:    | [Toilet seats,] [bathroom fixtures,] [vanity tops,] [shower stalls,] [bathtubs,] [tiles,] [sinks] |
|--------------|---|
| General use: | [Doorknobs,] [telephones,] [laundry rooms,] [garbage cans,] [pet areas]                           |
|              | [and other] [hard, non-porous surfaces] [headsets] [cell phone] [cellular phone]                  |
|              | [wireless phone] [mobile phone] [digital phone] surfaces, [dictating equipment surfaces]          |
|              | [and other telecommunications equipment] [surfaces] [devices]] [computers                         |
|              | [and keyboards]   |
| [Nursery:    | [Changing tables,] [cribs,] [diaper pails,] [trash cans,] [toys]                                  |
|              | [and other] [hard, non-porous surfaces]   |

# [Optional: None, one, or both of the following paragraphs may be used as appropriate; Paragraph "B" may be used before "A" on the label if both are used]

[A]

Hospital and Health Care Settings

A non-woven disposable cloth for use in hospitals and other critical care areas where control of the hazards of cross-contamination between treated surfaces is required. Use on hard, non-porous surfaces and equipment including stainless steel, Formica, glass, tables, carts, counters, cabinets, telephones and other hard. non-norous surfaces. Some organisms are removed from the surface by thoroughly wiping the surface with the towel. <sup>1</sup>Most remaining organisms are killed within ten (10) minutes by exposure to the liquid in the towel.

#### [B]

[B 1] [Areas of Use: Hard, non-porous surfaces in: [Surgery,] [Hospitals,] [Emergency Room,] [E.R.,]
[Recovery Room,] [ICU,] [CCU,] [Anesthesia,] [Laboratory,] [Physical therapy,]
[Respiratory therapy,] [Radiology,] [X-Ray,] [CAT Lab.] [Newborn nursery,]
[Pediatrics,][Central Supply,] [Operating Room,] [Nursing homes,]
[Home Health Care,] [Physician's offices,] [Dental offices,] [Ambulances,]
[Clinics] [Transport vehicles,] [Health Club facilities,]
[Veterinary facilities,] [Dialysis Clinics] [Hospices,] [Healthcare settings]

#### Section B 1 must be used if section B2 (below) is on the label

[B2] [May be used on: Hard, non-porous surfaces of: [Exam tables,] [Gurneys,] [IV poles,][Bed railings,] [Outside surfaces of equipment,] [Toilet seats [and] [outside surfaces of toilets,] [Tables,] [Chairs,] [Stretchers,] [and other hard, non-porous surfaces.]

# If paragraph A and/or paragraph B are used, then all of the following paragraph must be used on label.

"This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection."

#### If one of the following one step cleaner claims is used,

[A One Step Cleaner/Disinfectant+]

[Easy, One Step+ Cleaning and Disinfecting]

#### then the following also must be included on the label:

+ a pre-cleaning step is required for HIV-1

#### MISCELLANEOUS MARKETING CLAIMS

[Bactericidal, Fungicidal, Virucidal] [Bactercidal] [Fungicidal] [Virucidal\*] [Germicidal Disposable Wipe] [Cleans and Disinfects] [Cleans and disinfects hard, non-porous environmental surfaces] [Cleans, disinfects and deodorizes] [A Dual Chain Quaternary Solution Impregnated in a Wiping Cloth] [A One Step Cleaner/Disinfectant] [Easy, One Step Cleaning and Disinfecting] [An effective method to disinfect, hard non-porous environmental surfaces] [Aids in reducing [in the reduction of] cross contamination between treated surfaces] [Where control of the hazards of cross contamination between treated surfaces is of prime importance] [Use to clean, deodorize, and disinfect hard, non-porous surfaces in the nursery] [Quick drying] [Ready to use] [No mixing] [No measuring] [Premoistened] [Premeasured] with the correct amount of germicidal solution] [Convenient] [Non-woven disposable cloth] [Strong, Real Cloth Wipes] [Premoistened Towelettes] [Use on hard, non-porous surfaces only. Test wipe on small inconspicuous area first.] [Suitable for hospital use] [Are pre-moitened to have the recommended amount of germicidal solution, wipe after wipe] [Not recommended for natural marble, windows, unpainted wood, brass, clear plastic, or colored grout] [Assures proper dilution strength, product effectiveness and standardizes technique] [Greater quaternary dispersal with no hazard of cross-contamination between treated surfaces] [Bathroom Wipes] [Bathroom Disinfectant Wipes] [Telephone] [cell phone] [cellular phone] [wireless phone] [mobile phone] [digital phone] [disinfectant wipes] [A disinfectant cloth for use on [telephone] [cell phone] [cellular phone] [wireless phone] [mobile phone] [digital phone] surfaces [and other telecommunications equipment surfaces]] [Cleans and disinfects [telephone] [cell phone] [cellular phone] [wireless phone] [mobile phone] [digital phone] surfaces, [telephone] [cell phone] [cellular phone] [wireless phone] [mobile phone] [digital phone] [equipment surfaces] [dictating equipment surfaces, and other telecommunications equipment] [surfaces] [devices]] [Disinfects headsets, telephones, [cell phones] [cellular phones] [wireless phones] [mobile phones] [digital phones]] [Effective against a wide range of bacteria including Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa] [in the presence of organic soil (5% blood serum)] [Kills Staphylococcus aureus, Salmonella choleraesuis, Pseudomonas aeruginosa] [in the presence of organic soil (5% blood serum)] [Kills Methicillin Resistant Staphylococcus aureus (MRSA)] [Kills Vancomycin Resistant Enterococcus (VRE)] [Kills E. coli strain O157:H7] [Kills Trichophyton mentagrophytes] [Kills Apergillus candidus] [Kills Aspergillus niger] [Kills Candida albicans]

[Kills Influenza A2-Asian Virus]

[Kills Herpes Simplex Type 2 Virus]

[Kills Pseudorabies Virus]

[Kills Klebsiella pneumoniae]

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The following graphics and statements are option<u>al.</u> They may be placed anywhere on label/container.



NOT A BABY WIPE

NOT FOR USE ON SKIN

# INSERT

This product is effective against the following microorganisms: Contact time is(are) 10 minutes unless otherwise noted as below.

#### Isolates From AIDS Patients Aspergillus niger 1 2 Candida albicans 3 Cryptococcus neoformans 4 Pseudomonas aeruginosa 5 Staphylococcus aureus 6 Streptococcus pneumoniae Gram Positive Clinical Isolates 7 Enterococcus faecalis 8 Micrococcus luteus 9 Staphylococcus aureus 10 Staphylococcus aureus (Toxic shock) 11 Staphylococcus epidermidis 12 Staphylococcus saprophyticus 13 Streptococcus haemolyticus Gram Negative Clinical Isolates 14 Acinetobacter calcoaceticus var. anitratus 15 Acinetobacter calcoaceticus var. lwoffii 16 Bordetella bronchiseptica 17 Brevundimonas dimunita 18 Burkholderia cepacia 19 Enterobacter agglomerans 20 Enterobacter cloacae 21 Enterobacter gergoviae 22 Enterobacter liquefaciens 23 Escherichia coli (Urinary) 24 Escherichia coli (Wound) 25 Flavobacterium meningosepticum 26 Hafnia alvei 27 Klebsiella oxytoca 28 Klebsiella pneumoniae 29 Morganella morganii 30 Proteus mirabilis 31 Proteus vulgaris 32 Pseudomonas aeruginosa 33 Pseudomonas fluorescens 34 Pseudomonas pseudomallei 35 Pseudomonas putida 36 Pseudomonas stutzeri 37 Serratia marcescens 38 Sphingomonas paucimobilis

#### Other Bacteria

```
39
    Actinobacillus pleuropneumoniae
40
    Actinomyces pyogenes
41
    Bacillus cereus
42
    Brevibacterium ammoniagenes
43
    Bordetella bronchiseptica
44
    Burkholderia picketti
45
    Campylobacter jejuni
46
    Chryseomonas luteola
47
    Corynebacterium ammoniagenes
48
    Corynebacterium pseudotuberculosis
49
    Enterobacter aerogenes
50 Escherichia coli
51
    Escherichia coli strain 0157:H7
52
    Escherichia vulneris
53
    Legionella pneumophila
54
    Listeria monocytogenes
55
   Neisseria gonorrhoeae
56
   Pasteurella haemolytica
57
    Pseudomonas aeruginosa
58
    Rhodococcus equi
59
    Salmonella choleraesuis
60
    Salmonella schottmuelleri
61
    Salmonella typhi
62
     Shiqella dysenteriae
63
     Staphylococcus auricularis
64
     Staphylococcus capitis
65
     Staphylococcus hominis
66
     Staphylococcus simulans
67
     Stenotrophomonas maltophilia
68
     Streptococcus equi var. equi
69
     Streptococcus equi var. zooepidermicus
70
     Streptococcus pyogenes
71
     Streptococcus salivarius
72
     Treponema pallidum (ATCC # 27087)
73
     Yersinia enterocolitica
Pathogenic Fungi
74
     Trichophyton mentagrophytes
Environmental Fungi
75
     Aspergillus candidus
76
    Aspergillus niger
77
    Penicillium chermesinum
78 Penicillium oxalicum
79
   Penicillium spinulosum
80
    Ulocladium sp.
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#### Antibiotic Resistant Gram Negative Rods (Bacteria)

- 81 *Pseudomonas aeruginosa* (Sulfa, Cefatoxime, Nitrofurantoin, Tetracycline, Amikacin, Ampicillin, Cephalothin and Bactine Resistant)
- 82 Escherichia coli (Sulfa, Tetracycline, Ampicillin and Penicillin Resistant)
- 83 Klebsiella oxytoca (Sulfanilimide and Tetracycline Resistant)
- 84 *Klebsiella pneumoniae* type 1 (Cephalothin, Ampicillin, Sulfa and Tetracycline Resistant)
- 85 Morganella morganii (Penicillin and Tetracycline Resistant)
- 86 Enterobacter agglomerans (Ampicillin and Sulfanilimide Resistant)

#### Antibiotic Resistant Gram Positive Rods (Bacteria)

- 87 Enterococcus faecalis (Vancomycin Resistant-VRE)
- 88 Enterococcus faecium (Vancomycin Resistant-VRE)
- 89 Staphylococcus aureus (Methicillin Resistant-MRSA, Ampicillin, Cefaeolin, Cefatoxime, Chloramphenicol, Ciprofloxacin, Clindimycin, Erythromycin, Oxacillin, Penicillin G, Rifampin and Tetracycline Resistant)
- 90 Staphylococcus epidermidis (Drug Resistant)

#### Human Viruses

- 91 Adenovirus type 2
- 92 Cytomegalovirus
- 93 Echovirus II (30 minute contact time)
- 94 HBV (Hepatitis B Virus)

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Herpes Simplex type 1 Virus
95
96
    Herpes Simplex type 2 Virus
97
    HIV-1 (AIDS Virus)
98 Influenza A/Brazil Virus
99 Influenza A/Victoria (H3N2) Virus
100 Influenza A2-Asian Virus
101 Influenza B Virus (Allen strain)
102 Influenza C Virus (Taylor strain)
103 Measles Virus
104 Parainfluenza type 1
105 Poliovirus type 1 (Chat strain) 30 minutes contact time
106 Vaccinia Virus
Non-Human Viruses
107 Avian Influenza/Turkey/Wisconsin Virus
108 Canine Herpesvirus
109 Duck Hepatitis B Virus
110 Equine Herpesvirus
111 Equine Influenza
112 Feline Calicivirus
113 Feline Infectious Peritonitis
114 Infectious Bovine Rhinotracheitis (IBR)
115 Newcastle Disease Virus
116 Porcine Parvovirus
117 Pseudorabies Virus
118 Transmissible Gastroenteritis (TGE)
119 T1 bacteriophage
120 T4 bacteriophage
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