



EPA Reg. No. 1839-95-56753

Bacdown® Detergent Disinfectant
Concentrated Quaternary-Ammonium Disinfectant



BDD™ (Bacdown® Detergent Disinfectant) is a concentrated phosphate-free disinfectant, containing surfactants and quaternary ammonium compounds that exhibit antibacterial, antiviral, antifungal, mildewstat and deodorizing capabilities. It is specially formulated for cleaning and sanitizing inanimate hard, non-porous surfaces. **BDD™ (Bacdown® Detergent Disinfectant)** is EPA registered.

ACTIVE INGREDIENTS

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides.....	2.25%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides.....	2.25%
Inert ingredients.....	95.50%
	<u>100.00%</u>

DIRECTIONS FOR USE: To meet the disinfection label claim, **BDD™ (Bacdown® Detergent Disinfectant)** must be used at the use dilution ratio of 1:64 or 2 fluid oz per gallon of water. Apply solution and allow to remain visibly wet for 10 minutes, for 1 minute for SARs-COV-3, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required.

BACTERIAL STABILITY OF USE DILUTION: Efficacy tests confirm that **BDD™ (Bacdown® Detergent Disinfectant)** when diluted as directed remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for up to 30 days when stored in a sealed container such as a spray bottle. If the diluted product becomes visibly dirty or contaminated, it must be discarded and fresh diluted product must be prepared. Always use clean, properly labeled containers when diluting **BDD™ (Bacdown® Detergent Disinfectant)**. Bactericidal stability of the diluted product does not apply to open containers such as buckets or pails.

1 Gallon (3.8L) / 4 per case
Decon Catalog No.
8004

Efficacy Claims:

Efficacy tests have demonstrated that this product is an effective bactericide, virucide, and fungicide in the presence of organic soil (5% blood serum).

BDD™ (Bacdown® Detergent Disinfectant) meets all requirements for hospital use. Tests have shown effective disinfectant activity against the following organisms at a dilution rate of 2 fluid ounces per gallon of water:

BACTERICIDAL ACTIVITY

- *Pseudomonas aeruginosa* (ATCC 15442)
- *Escherichia coli* (ATCC 11229)
- *Klebsiella pneumoniae* (ATCC 4352)
- *Salmonella schottmuelleri* (ATCC 8759)
- *Salmonella enterica* (ATCC 10708)
- *Streptococcus salivarius* (ATCC 9222)
- *Brevibacterium ammoniagenes* (ATCC 6871)
- *Enterococcus faecium* (ATCC 19434)

BACTERICIDAL ACTIVITY (contd)

- *Shigella dysenteriae* (ATCC 12180)
- *Streptococcus salivarius* (ATCC9222)
- *Staphylococcus aureus* (ATCC 6538)
- *Streptococcus faecalis* (ATCC 10541)
- Methicillin resistant *Staphylococcus aureus* (MRSA) (ATCC 33593)
- Vancomycin intermediate resistant *Staphylococcus aureus* (VISA) (HIP-5836)

Concentrated: 1 YR SHELF LIFE
Prepare a fresh solution for each use.

Efficacy Claims (contd)

FUNGICIDAL ACTIVITY:

At the 2 fluid ounces per gallon dilution, **BDD™ (Bacdown® Detergent Disinfectant)** is also fungicidal against the pathogenic fungi, *Trichophyton Interdigitale*.

VIRUCIDAL ACTIVITY:

BDD™ (Bacdown® Detergent Disinfectant) when used on environmentally inanimate hard, non-porous surfaces at 2 fluid ounces per gallon of water exhibits effective virucidal activity against:

- Influenza A2 Virus (305/57) (representative of the common flu virus)
- Herpes Simplex Type 1 (ATCCVR-733)(causative agent of fever blisters)
- Adenovirus type 2 (Gibrlater, H Ep. 2) (causative agent of upper respiratory infections)
- Vaccinia Virus (representative of the pox virus group)
- Human Immunodeficiency Virus Type I (HIV-1) (HTLV-II^{RF})
- Norovirus (Norwalk Virus)
- SARS Associated Coronavirus (ZeptoMetrix)
- Porcine Respiratory & Reproductive Syndrome Virus (PRRSV)(Strain NVSL)
- Hepatitis B Virus (HBV) (Hepadna Virus Testing)
- Hepatitis C Virus (HCV) (American BioResearch Laboratories)
- Human Coronavirus (ATCC VR-740, Strain 229E)
- Pandemic 2009 H1N1 Influenza A virus
- Bovine Viral Diarrhea Virus (BVDV)
- Feline calicivirus (FCV)
- Avian Influenza A Virus
- SARS-CoV-2 Virus

Kills HIV-1, HBV and HVC on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in health care setting (Hospitals, Nursing Homes) 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 surfces/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), Hepatitis B Virus (HBV) and Hepatitis C (HCV).

Special instructions for cleaning and decontamination against HIV-1, HBV and HCV on surfaces/objects soiled with blood/body fluids:

PERSONAL PROTECTION: When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, and eye coverings.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

CONTACT TIME: Allow surface to remain visibly wet for 10 minutes.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

PESTICIDE STORAGE: Store in a dry place no lower in temperature than 50°F or higher than 120°F.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Triple rinse empty container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA Regional Office for guidance.

PRECAUTIONARY STATEMENTS

KEEP OUT OF REACH OF CHILDREN

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves and protective clothing. Harmful if swallowed. Remove contaminated clothing and wash before reuse. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

For Additional information See Product Label.

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