

**BacDown® Detergent Disinfectant
Technical Data Sheet
EPA REG # 1839-95-56753**

- BRIEF DESCRIPTION -

BDD 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 is EPA registered and meets OSHA Bloodborne Pathogen Standards.

- USE PROTOCOL -

To meet the disinfection label claim, BDD must be used at the use dilution ratio of 1:64 or 2 oz per gallon of water. Apply solution and allow to remain wet for 10 minutes, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required.

BACTERICIDAL STABILITY of USE-DILUTION:

Efficacy tests confirm that BDD when diluted as directed remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* for up to 7 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. Bactericidal stability of the diluted product does not apply to open containers such as buckets or pails

-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%

-EFFICACY-

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

BACTERICIDAL ACTIVITY: BDD meets all requirements for hospital use. Tests have shown effective disinfectant activity against the following organisms at a dilution rate of 2 ounces per gallon of water: *Pseudomonas aeruginosa* (PRD-10), *Escherichia coli*, *Klebsiella pneumonia*, *Salmonella schottmuelleri*, *Salmonella enteric*, *Streptococcus salivarius*, *Brevibacterium ammoniagenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes*, *Staphylococcus aureus*, *Streptococcus faecalis*, *Methicillin resistant Staphylococcus aureus* (MRSA), *Vancomycin intermediate resistant Staphylococcus aureus* (VISA)

FUNGICIDAL ACTIVITY: At the 2 ounces per gallon dilution, BDD is also fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes*.

VIRUCIDAL ACTIVITY: BDD when used on environmentally inanimate hard surfaces at 2 ounces per gallon of water exhibits effective virucidal activity against *Influenza A2-/Japan* (representative of the common flu virus), *Herpes simplex Type 1* (causative agent of fever blisters), *Adeno virus type 2* (causative agent of upper respiratory infections), and *Vaccinia virus* (representative of the pox virus group), *Human Immunodeficiency Virus Type I (HIV-1)*, *Hepatitis B Virus (HBV)*, and *Hepatitis C virus (HCV)*.

Kills HIV and HBV on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in health care setting (Hospitals, Nursing Homes) or other settings 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 I (HIV-1)* (associated with AIDS) and *Hepatitis B Virus (HBV and Hepatitis C (HCV))*.

Special instructions for cleaning and decontamination against HIV-1 and HBV of 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 wet for 10 minutes.

- STORAGE AND DISPOSAL -

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

Do not contaminate water, food, or feed by storage or disposal.

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 with water and 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
DANGER**

Hazards 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 when handling. Harmful or fatal if swallowed. Avoid contamination of food. Remove and wash contaminated clothing.

Statement of Practical Treatment. In case of contact, rinse skin or flush eyes with plenty of water for at least 15 minutes. If in eyes, or if swallowed, call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor.

NOTE TO PHYSICIAN. Probable mucosal damage may contraindicate the use of gastric lavage.

- SHELF LIFE -

In concentrate: one year from date of manufacture. Prepare a fresh solution for each use.

- PACKAGING -

1 gallon/ 4 per case

- CATALOG NUMBERS -

<u>Manufactured for:</u>	<u>Item</u>	<u>Cat. No.</u>
Decon Labs, Inc.	1 gallon	8004

**For Additional Technical Information call
Decon Customer Service
(800) 332-6647, or
See our website at www.deconlabs.com**

®Decon Labs, Inc. *Revised 3/16/2018*