



**Decon**  
Labs, Inc.

**BDD™**

**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 surfaces – glass, plastics, stainless steel, ceramics, laminates, wood, painted surfaces etc. It is not for use on skin or clothing. BDD is EPA registered and meets OSHA Bloodborne Pathogen Standards. BDD has also received USDA authorization for use with food contact surfaces.*

**- 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. Use BDD to clean and sanitize areas where contamination is a problem: contaminated glass and plastic labware, bench tops, sinks, hoods, floors, walls, autoclaves, etc. The detergent base offers excellent cleaning and free-rinsing properties. An excellent mildewstat, it may be used to clean walls and floors in humid, mildew-promoting environments ó warehouses, production areas, etc. BDD has a pleasant citrus odor well tolerated in work areas.

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:** Tests have shown effective disinfectant activity against the following organisms at a dilution rate of 2 ounces per gallon of water (approximately 1.6% v/v).

*Pseudomonas aeruginosa* (PRD-10)  
*Escherichia coli*                      *Brevibacterium ammoniagenes*  
*Klebsiella pneumoniae*              *Streptococcus faecalis*  
*Salmonella schuttmuelleri*        *Shigella dysenteriae*  
*Salmonella choleraesuis*          *Enterobacter aerogenes*  
*Streptococcus salivarius*          *Staphylococcus aureus*  
Methicillin resistant *Staphylococcus aureus* (MRSA)  
Vancomycin intermediate resistant *Staphylococcus aureus* (VISA)

**FUNGICIDAL ACTIVITY:** At this level the product 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-Asian* (representative of the common flu virus), *Herpes simplex* (causative agent of fever blisters and mononucleosis), *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)* and *Hepatitis B Virus (HBV)*

**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)*.

**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, or 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.

**EFFICACY DATA:** The EPA requires a fresh solution be made up every 24 hours to guarantee cidal efficacy.

# BDD<sup>1</sup> BacDown<sup>®</sup> Detergent Disinfectant Technical Data Sheet

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## - 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** - Do not reuse empty container. Triple rinse empty container with water. Return metal drum then offer for reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by the State and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned, stay out of smoke. For containers 1 gallon or less: Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

**Pesticide Disposal** ó 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 -

**Hazards to humans and domestic animals. Keep out of reach of children. Corrosive.** Causes severe eye and skin damage. 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, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**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 -

**5 Liters (1.32 gallons) / 4 per case  
115 Liters (55 gallons) / each**

## - CATALOG NUMBERS -

<u>Manufactured for:</u>	<u>Item</u>	<u>Cat. No.</u>
Decon Labs, Inc.	5 Liters	8001
	115 Liters	8030

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

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<sup>TM</sup>Decon Labs, Inc.      *Revised 1/2009*  
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