

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER.** Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if inhaled. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

A multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 200 ppm (calculated as CaCO<sub>3</sub>) in the presence of a moderate amount of soil (5% organic serum) according to the AOAC Use-dilution Test. Disinfects, cleans and deodorizes in one labor-saving step.

For use in schools, colleges, commercial and industrial institutions, office buildings, veterinary clinics, animal life science laboratories, zoos, federally inspected meat and poultry establishments, equine farms, tack shops, pet shops, airports, kennels, hotels, motels, poultry farms, turkey farms, dairy farms, hog farms, breeding establishments and grooming establishments.

Disinfects, cleans, and deodorizes the following hard, nonporous, inanimate surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, plastic surfaces (such as polypropylene, polystyrene, etc.).

For use in: Federally inspected meat and poultry plants, as a disinfectant agent for use in all departments. Food products and packaging materials must be removed from the room or carefully protected. Use product in accordance with its label. All surfaces must be thoroughly rinsed with potable water.

Effective against the following pathogens: Bacteria: *Staphylococcus aureus*<sup>1</sup>; *Salmonella enterica*; *Acinetobacter calcoaceticus*; *Bordetella bronchiseptica*; *Chlamydia psittaci*; *Staphylococcus aureus* - Community Associated Methicillin-Resistant (CA-MRSA) (NRS384) (USA300); *Staphylococcus aureus* - Community Associated Methicillin-Resistant (CA-MRSA) (NRS123) (USA400); Enterobacter aerogenes; Enterobacter cloacae; Enterococcus faecalis-Vancomycin Resistant (VRE); *Escherichia coli*<sup>1</sup>; *Fusobacterium necrophorum*; *Klebsiella pneumoniae*<sup>1</sup>; *Legionella pneumophila*; *Listeria monocytogenes*; *Pasteurella multocida*; *Proteus mirabilis*; *Proteus vulgaris*; *Salmonella enteritidis*; *Salmonella typhi*; *Salmonella typhimurium*; *Serratia marcescens*; *Shigella flexneri*; *Shigella sonnei*; *Staphylococcus aureus* -Methicillin resistant - (MRSA); *Staphylococcus aureus*-Vancomycin Intermediate Resistant - (VISA); *Staphylococcus epidermidis*<sup>2</sup>; *Streptococcus faecalis*<sup>1</sup>; *Streptococcus pyogenes* (Strep) <sup>1</sup>ATCC & antibiotic-resistant strain <sup>2</sup> antibiotic-resistant strain only. Viruses: \*Adenovirus Type 4; \*Hepatitis B Virus (HBV); \*Hepatitis C Virus (HCV); \*Herpes Simplex Type 1; \*Herpes Simplex Type 2; \*Human coronavirus; \*HIV-1 (AIDS virus); \*Influenza A / Hong Kong; \*Respiratory Syncytial Virus (RSV); \*Rotavirus (WA); \*Rubella (German Measles); \*Vaccinia (Pox virus); Animal viruses: \*Avian Influenza (HSN1); \*Avian polyomavirus; \*Canine distemper; \*Feline leukemia; \*Feline picornavirus; \*Infectious bovine rhinotracheitis; \*Infectious bronchitis (Avian IBV); \*Pseudorabies (PRV); \*Rabies; \*Transmissible Gastroenteritis virus (TGE). Fungi: *Aspergillus niger*; *Candida albicans*; *Trichophyton mentagrophytes* (Athlete's Foot Fungus). Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).

**PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.**

**DIRECTIONS FOR USE**

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

DILUTION: (1:32) 4 ounces per gallon of water  
(660 ppm quat) 8 ounces per 2 gallons of water

**DISINFECTION / CLEANING / DEODORIZING DIRECTIONS:** Remove heavy soil deposits from surface, then thoroughly wet surface with a use-solution of 4 ounces of the concentrate per gallon of water. Apply with a cloth, mop, sponge, or coarse spray or by soaking. For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from the surface; rub with a brush, cloth or sponge. Do not breathe spray. Let solution remain on surface for a minimum of 10 minutes. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Food contact surfaces must be thoroughly rinsed with potable water. This product must not be used to clean the following food contact surfaces: utensils, glassware and dishes. Prepare a fresh use-solution daily or more often if the solution becomes visibly dirty or diluted.

**TOILET BOWLS / URINALS:** Swab bowl with brush to remove heavy soil prior to cleaning or disinfecting. Clean by applying diluted solution around the bowl and up under the rim. Stubborn stains may require brushing. To disinfect, first pre-clean to remove heavy soil, then remove or expel over the inner trap the residual bowl water. Pour in three ounces of the diluted solution. Swab the bowl completely using a scrub brush or mop, making sure to get under rim. Let stand for 10 minutes or overnight, then flush.  
**FUNGICIDAL DIRECTIONS:** For use in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities follow disinfection directions.

**MILDEWSTATIC INSTRUCTIONS:** Will effectively control the growth of mold and mildew, plus the odors caused by them when applied to hard, nonporous surfaces such as walls, floors and table tops. Apply use-solution of 4 ounces per gallon of water with a cloth, mop, sponge or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears.

**\*KILLS HIV-1 (AIDS VIRUS) AND HBV (HEPATITIS B VIRUS) AND HCV (HEPATITIS C VIRUS) ON PRECLEANED, ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS** in settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood / body fluids, and in which the surfaces / objects likely to be soiled with blood / 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) or Hepatitis C Virus (HCV).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) OR HBV OR HCV OF SURFACES / OBJECTS SOILED WITH BLOOD / BODY FLUIDS: Personal Protection:** Disposable protective gloves, gowns, face masks or eye coverings, as appropriate, must be worn during all cleaning of blood / body fluids and during decontamination procedures. **Cleaning Procedures:** Blood / body fluids must be thoroughly cleaned from surfaces / objects before application of disinfectant. **Contact Time:** HIV-1 (AIDS virus) is inactivated after a contact time of 4 minutes at 25°C (77°F) (room temperature). HBV and HCV are inactivated after a 10 minute contact time. Use a 10-minute contact time for all other viruses, fungi and bacteria listed. **Disposal of Infectious Materials:** Blood / body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

**FARM PREMISE, LIVESTOCK, POULTRY & TURKEY HOUSE DISINFECTANT (DILUTION: 1:32; 4 ounces per gallon of water):**

(1) Remove all animals and feeds from premises, trucks, coops, crates and enclosures. (2) Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, vehicles, 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, then rinse with water. (5) Saturate all surfaces with the disinfecting solution for a period of 10 minutes. (6) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing litter and manure. (7) Ventilate buildings, coops, cars, trucks, boats and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. (8) After treatment with disinfectant, thoroughly scrub feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent, then rinse with potable water before reuse.

**VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOOS / PET SHOP / KENNELS DISINFECTION DIRECTIONS:** For cleaning and disinfecting the following hard nonporous surfaces: equipment used for animal food or water, utensils, instruments, cages, kennels, stables, catteries, etc. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 4 oz. of this product per gallon of water (or equivalent dilution) for a period of 10 minutes. Wipe or allow to air dry. Immerse all animal handling and restraining equipment as well as forks, shovels, and scrapers used to remove litter and manure. Ventilate buildings and other closed spaces. Thoroughly scrub all treated surfaces that come into contact with food, including equipment used for feeding or watering, with soap or detergent and rinse with potable water before reuse. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children. **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 the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

Sold By:

**amrep**  
inc.

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MADE IN U.S.A.

EPA REG. NO. 47371-192-10807  
EST NO. 4170-OH-1

RLB5183  
01SPA22316

**BL1223**  
1048835



# Biodet ND32 - Pine

## One-Step Disinfectant Germicidal Detergent and Deodorant

- Disinfectant
- Staphylocidal
- Bactericidal
- Mildewstatic
- Salmonellacidal
- Fungicidal
- \*Virucidal

**ACTIVE INGREDIENTS:**

Didecyl dimethyl ammonium chloride ..... 1.27%  
n-Alkyl (C<sub>14</sub> 50%, C<sub>12</sub> 40%, C<sub>16</sub> 10%)

dimethyl benzyl ammonium chloride ..... 0.85%

**OTHER INGREDIENTS:** ..... 97.88%

**TOTAL:** ..... 100.00%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER** See side panel for Precautionary Statements.

**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. **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. 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.

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

**NET CONTENTS: 1 U.S. GALLON (3.78 L)**

**BL1223**