

BAC-OFF

1 Ounce/Gallon, Food Contact Disinfectant/Cleaner

Bac-Off Detergent/Disinfectant is a phosphate-free formulation designed to provide effective cleaning, deodorizing, sanitization, and disinfection for food processing plants, institutional kitchens, cafeterias, hospitals, nursing homes, schools, and other institutions where housekeeping is of prime importance in controlling cross-contamination. Bac-Off is formulated to disinfect inanimate hard surfaces such as stainless steel tables, sinks, cutting boards, walls, floors, sink tops, toilet bowls, tables, chairs, telephones, and bed frames. Bac-Off sanitizes previously cleaned and rinsed non-porous food contact surfaces such as tanks, chopping blocks, counter tops, drinking glasses, and eating utensils.



APPLICATION & MAINTENANCE

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

This product is not for use on critical and semi-critical medical device surfaces.

DISINFECTION - To disinfect inanimate, hard, non-porous surfaces add 1 ounce of this product per gallon of water. Apply solution with a mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid.

For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

To disinfect toilet bowls: flush toilet, add 1 ounce of this product directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minute and flush.

To disinfect food processing premises: floors, walls, and storage areas, add 1 ounce of this product per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. Before using this product, food products and packaging materials must be removed from the area or carefully protected. After use, all surfaces in the area must be thoroughly rinsed with potable water.

To disinfect food service establishment food contact surfaces: countertops, appliances, tables, add 1 ounce of this product per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow the surface to remain wet for 10 minutes, then remove excess liquid and rinse surface with potable water. This product cannot be used to clean the following food contact surfaces: utensils, glassware and dishes.

SANITIZATION – Recommended for use in restaurants, dairies, food processing plants, and bars. When used as directed this product is an effective sanitizer against *Escherichia coli* and *Staphylococcus aureus*.

Remove all gross food particles and soil areas, which are to be sanitized, with a good detergent, pre-flush, pre-soak or pre-scrape treatment. Rinse with a potable water rinse. To sanitize pre-cleaned and potable water-rinsed, non-porous, food contact surfaces, prepare a 200 ppm active quaternary solution by adding 1 ounce of this product to 3.5 gallons of water.

To sanitize immobile items such as tanks, chopping blocks, and counter tops, flood the area with a 200 ppm active quaternary solution or apply with a cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer making sure to wet all surfaces completely for at least 60 seconds. Let air dry. Prepare a fresh solution for each use.

To sanitize mobile items such as drinking glasses and eating utensils, immerse in a 200 ppm active quaternary solution for at least 60 seconds making sure to immerse completely. Let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

When used for sanitization of previously cleaned food equipment or food contact items, limit active quaternaries to 200 ppm. **NO POTABLE WATER RINSE IS REQUIRED.** This product is an effective sanitizer when diluted in water up to 250 ppm hardness (as CaCO₃).

BACTERICIDAL ACTIVITY – When diluted at the rate of 1 ounce per gallon of water, this product exhibits effective disinfectant activity against the organisms: *Pseudomonas aeruginosa* PRD-10, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella choleraesuis*, *Streptococcus salivarius*, *Brevibacterium ammoniagenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes*, *Staphylococcus aureus*, *Streptococcus pyogenes* (Clinical-Flesh Eating Strain BIRD M3), and Vancomycin Intermediate resistant *Staphylococcus aureus* (VISA) and meets all requirements for hospital use.

MILDEWSTAT - To control mold and mildew on pre-cleaned, hard, non-porous surfaces add 1 ounce of this product per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

FUNGICIDAL ACTIVITY - At the 1 ounce per gallon dilution, this product is also fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes* (Athlete's Foot Fungus), when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard, non-porous, surfaces commonly contacted by bare feet.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

***VIRUCIDAL ACTIVITY** - This product when used on environmental, inanimate, hard, non-porous surfaces at 1 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), Adenovirus Type 2 (causative agent of upper respiratory infections) and Vaccinia virus (representative of the pox virus group), Human Immunodeficiency Virus Type I, Bovine Viral Diarrhea Virus (BVDV), Human Coronavirus (ATCC VR-740, strain 229E), Hepatitis B (HBV) and Hepatitis C (HCV).

KILLS HIV-1, HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings (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 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).

SPECIFICATIONS

Active Ingredients	n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides-4.5% n-Alkyl (68% C12, 32% C14), dimethyl ethylbenzyl ammonium chlorides -4.5%
Inert Ingredients	91.0% with compatible detergents
pH	9.5 - 10.0
Freeze/Thaw Stability	3 cycles
Shelf Life	1 year minimum at room temperature

SAFETY INFORMATION

Health	1
Flammability	1
Reactivity	0
Personal Protection	B
CAUTION: Can cause severe eye and skin irritation. 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. Read Material Safety Data Sheet thoroughly before using.	



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