

BAC-OFF

UNI-KEM

802 Wm. Leigh Dr.
Tullytown, PA. 19007
Ph: 800-752-1120
Fax: 215-269-9855

BACOFF is bactericidal according to the AOAC Use Dilution Test method on hard inanimate surfaces, modified in the presence of 5% organic serum against: *Brevibacterium ammoniagenes*, *Proteus vulgaris*, *Campylobacter jejuni*, *Pseudomonas aeruginosa*, *Corynebacterium ammoniagenes*, *Pseudomonas aeruginosa* (Antibiotic resistant), *Enterobacter aerogenes*, *Salmonella choleraesuis*, *Enterobacter cloacae*, *Salmonella typhi*, *Enterococcus faecalis*, *Serratia marcescens*, *Enterococcus faecium* (Vancomycin resistant), *Shigella dysenteriae*, *Escherichia coli*, *Shigella flexneri*, *Escherichia coli* (Antibiotic resistant), *Shigella sonnei*, *Escherichia coli* 0157:H7 *Staphylococcus aureus*, *Legionella pneumophila*, *Staphylococcus aureus* (Methicillin resistant) (MRSA), *Klebsiella pneumoniae*, *Staphylococcus epidermidis* (antibiotic resistant), *Klebsiella pneumoniae* (Antibiotic resistant), *Streptococcus pyogenes*, *Listeria monocytogenes*, *Proteus mirabilis*.

Fungicidal against *Candida albicans* and *Trichophyton mentagrophytes* (the agent that causes athlete's foot fungus) on inanimate surfaces in locker rooms, dressing rooms and shower and bath areas and exercise facilities. Apply this product undiluted and follow the directions under "Disinfection, Virucidal* and Fungicidal Control".

Virucidal* Performance: This product was evaluated and found to be effective against the following viruses on inanimate hard non-porous environmental surfaces. Treated surfaces must remain wet for 10 minutes. For heavily soiled areas, a preliminary cleaning is required. Influenza A/Brazil Virus, Herpes Simplex Type 1, Newcastle disease virus, Herpes Simplex Type 2, HIV-1 (AIDS virus), Hepatitis C virus, Pseudorabies virus, Hepatitis B virus, Transmissible Gastroenteritis (TGE), Human Coronavirus, Vaccinia virus.

PROPERTIES:

Chemical composition . . . Sanitizers; penetrating agents; deodorizers
Appearance Clear liquid
pH 7.0
Specific Gravity 1.008
Stability 1 Year @ Ambient Temperature
Rinsing Complete
Foaming Moderate

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.



DIRECTIONS FOR USE:

Mold and Mildew Control Directions: This product will effectively inhibit the growth of mold and mildew (*Aspergillus niger*) and their odors on hard, non-porous surfaces. Thoroughly wet all treated surfaces completely. Let air dry. Repeat application weekly or when growth or odor reappears.

Cleaning/Deodorizing Directions: Apply undiluted solution with a mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. If mechanical spray device is used, spray should be coarse. Allow to air dry or wipe up excess liquid.

To Disinfect Food Service Establishment Food Contact Surfaces: (For) countertops, exterior surfaces of appliances, and tables. Before using this product, food products and packaging materials must be removed from area or carefully protected. For heavily soiled areas, a pre-cleaning step is required. Apply undiluted solution with a mop, cloth, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. For sprayer applications, use a coarse spray device. Allow to remain wet for 10 minutes. Then remove excess liquid and rinse the surface with potable water. After use, all surfaces in the area must be thoroughly rinsed with potable water. This product is not for use on dishes, glassware or eating utensils.

HANDLING PRECAUTIONS:

**CAUTION: WARNING
KEEP OUT OF REACH OF CHILDREN**

Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes. Flush with water for 15 minutes and consult a physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. Do not induce vomiting. Obtain prompt medical attention.

MATERIAL SAFETY DATA SHEET**ENVIROCHEM, Inc.**425 Whitehead Avenue
South River, NJ 08882
Phone 732-238-6700N.A.=Not Applicable
Not Est.=Not Established

Prepared by: Regulatory Affairs Department

Date: 09/21/06

SECTION 1- GENERAL PRODUCT DATA**Product Name:** BACOFF
Product Code: BACOFF
HMIS Legend: 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant
HMIS Hazard Code: Health:1 Flammability:0 Reactivity:0
Chemical Family: Sanitizer - Quaternary Type
D.O.T. Shipping Name: Cleaning Compound Liquid**CHEM-TEL, INC.**
24 Hour Emergency Contact 1-800-255-3924
Chemical Strength: Neutral
Formula: Proprietary
Hazard Class: NA**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH	TLV	%
n-Alkyl Dimethylbenzyl Ammonium Chloride	68391-01-5				<5
n-Alkyl Dimethylethylbenzyl Ammonium Chloride	68956-79-6				<5
NJTSR#39210900-5082					>70

Unidentified ingredients are not considered hazardous under the Federal Hazard Communications Standard (29 CFR 1910.1200)

SECTION 3 - PHYSICAL DATA**Boiling Point (°F):** 214
Vapor Pressure (mm Hg): = N/A
Appearance: Free Flowing Liquid, Clear
Specific Gravity: 1.008
Percent Volatile By Volume: N/A
Evaporation Rate: = N/A
Odor: Characteristic **pH:** 7.5 (Concentrate)**SECTION 4 - FIRE AND EXPLOSION DATA****Flash Point (F):** N/A
Flammable Limits: N/A
Unusual Fire & Explosion Hazards: Not considered combustible
Special Fire Fighting Procedures: This product is not normally considered combustible and will not burn or sustain combustion**SECTION 5 - HEALTH HAZARD DATA****Route(s) of Entry:** Inhalation: No Skin: Yes Ingestion: Yes **Threshold Limit Value:** NE
Effects of Overexposure: **Contact with skin may cause defatting and irritation.** May cause eye irritation or burns. May be harmful if swallowed.
Emergency & First Aid Procedures:
For Skin: Wash with cool water for 15 minutes. Seek medical attention if irritation develops. Wash contaminated clothing before reuse.
For Eyes: Wash with cool running water for a minimum of 15 minutes. Seek medical attention if irritation develops.
If Ingested: If swallowed, give several cups of water to dilute material. Do not induce vomiting. Seek immediate medical attention. Never give anything by mouth to an unconscious person.**Carcinogens:** Not considered carcinogenic by OSHA, NTP, or IARC**SECTION 6 - REACTIVITY DATA****Stability:** Stable
Conditions to Avoid: None known
Incompatibility: Strong oxidizing agents
Hazardous Decomposition Products: None anticipated
Hazardous Polymerization: Will not occur**SECTION 7 - SPILL OR LEAK PROCEDURES****Steps to be taken if material is released or spilled:**
Stop flow of product. Collect large spills for proper disposal. Wash spill area with plenty of water.
Waste disposal method: Dispose of in accordance with all applicable federal, state and local regulations. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.**SECTION 8 - SUGGESTED PROTECTIVE EQUIPMENT****Respiratory Protection:** None usually required
Ventilation: Adequate general ventilation
Protective Gloves: Rubber or latex gloves
Eye Protection: Safety glasses recommended
Other Protective Equipment: None usually required**SECTION 9 - SPECIAL PRECAUTIONS****Precautions to be taken in handling and storage:**
Store at room temperature. Keep from freezing. Keep container closed when not in use. Use with adequate ventilation. Avoid contact with skin & eyes or the breathing of mists. Wash thoroughly after handling.
Other Precautions: Do not take internally. Avoid contamination of food. For industrial use only. Keep out of reach of children. Do not mix with anything but water.**SECTION 313 SUPPLIER NOTIFICATION**This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:
This information must be included in all MSDS's that are copied and distributed for this material.**NOTICE**

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy, including the implied warranties of merchantability or fitness for a particular use or method of application. Since the conditions or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the products improper use.