ECOLAB®

Department of Agriculture
STATE OF HAWAII

LICENSED

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Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2011-2013 LIC. NO.

# Mikro-Bac® 3

## Germicidal Detergent

26145

Net Contents: 1 U.S. gal/3.78 L

**ACTIVE INGREDIENTS:**

| | |
|---|---|
| o-phenylphenol | 3.55% |
| o-benzyl-p-chlorophenol | 5.32% |
| p-tert-amylphenol | 1.81% |
| **OTHER INGREDIENTS:** | 89.32% |
| **TOTAL** | 100.00% |

**KEEP OUT OF REACH OF CHILDREN**

**DANGER PELIGRO**

*See side panel for additional Precautionary Statements and First Aid.*

## PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive: Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin or inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Wear goggles, safety glasses or face shield, protective clothing and chemical resistant gloves when handling. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Handlers must wear long-sleeved shirt and long pants, shoes plus socks, goggles or face shields, and chemical resistant gloves (such as barrier laminate or butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton at ≥ 14 mils).

Users must remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and put on clean clothing.

Follow manufacturers' instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables use detergent and hot water. Keep and wash PPE separately from other laundry.

## 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. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If the person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a Poison Control Center or doctor for further treatment advice.

**FOR EMERGENCY MEDICAL INFORMATION IN USA OR CANADA, CALL: 1-800-328-0026.**

**FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE, CALL: 1-651-222-5352 (IN THE USA).**

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. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store unmixed concentrate in a cool, dark, dry place in the original container. Always replace cover.

**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 directions, 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. Triple rinse as follows: Fill container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

**PSEUDOMONACIDAL • STAPHYLOCIDAL • VIRUCIDAL* • FUNGICIDAL**

*Mikro-Bac 3 Germicidal Detergent* is a multi-purpose germicidal detergent tested by the AOAC Use-Dilution Method in the presence of 5% organic bioload (Fetal Bovine Serum).

*Mikro-Bac 3 Germicidal Detergent*'s formula disinfects, cleans and deodorizes in one labor-saving step. *Mikro-Bac 3 Germicidal Detergent* is effective against *Norovirus (Norwalk-like virus) at a dilution of 2 oz per gallon of water when the treated surface is allowed to remain wet for 10 minutes.

*Mikro-Bac 3 Germicidal Detergent* is effective when diluted at 1 oz per gallon of water against the following pathogenic organisms:

| | | |
|---|---|---|
| *Pseudomonas aeruginosa* | *Shigella flexneri* | *Salmonella typhi* |
| *Salmonella enterica* | *Streptococcus pyogenes* | *Salmonella typhimurium* |
| *Staphylococcus aureus* | *Enterococcus faecalis* | *Serratia marcescens* |
| *Pseudomonas cepacia* | *Proteus vulgaris* | *Escherichia coli* |
| *Proteus mirabilis* | *Klebsiella pneumoniae* | *Providencia rettgeri HL-92* |
| *Enterobacter cloacae* | *Enterobacter aerogenes* | |
| *Candida albicans* | *Trichophyton mentagrophytes* | |

*Pseudomonas maltophilia* (antibiotic resistant) HL- 131
*Enterococcus faecalis* (vancomycin resistant) ATCC 51299
*Staphylococcus aureus* (methicillin resistant) ATCC 29213
*Staphylococcus aureus* (vancomycin resistant) 523K
*Staphylococcus epidermidis* (antibiotic resistant) HL-123

| | | |
|---|---|---|
| *Influenza Type A Virus (H3N2) | *HIV-1 (AIDS Virus) | *Newcastle Disease Virus |
| *Rubella Virus (German measles) | *Vaccinia Virus | *Adenovirus Type 2 |
| *Herpes Simplex Virus Type 1 | *Human Coronavirus | *Influenza A virus |

This product is effective against *Feline Calicivirus (surrogate for Norovirus) at 2 oz per gallon of water when the treated surface is allowed to remain wet for 10 minutes.

**Kills Pandemic 2009 H1N1 influenza A virus.**

# DIRECTIONS FOR USE

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

**GENERAL PRECAUTIONS**

Do not apply this product in a way that will contact other persons. Only protected handlers may be in the area during application. Following application as a low-pressure or high-pressure spray, do not enter or allow others to enter until sprays have dried.

**FOR DISINFECTING**

**USES:** For use in hospitals and nursing homes, medical and dental offices, schools and colleges, beauty salons, barber shops, farm premises and veterinary clinics. For use on washable hard, nonporous surfaces such as floors, walls, finished woodwork, chairs, countertops, fixtures, cabinets, cages, kennel runs, examining tables, surfaces made of plastic, metal, stainless steel and other hard, non-porous surfaces.

**APPLICATION:** Use 1 ounce of *Mikro-Bac 3 Germicidal Detergent* per gallon of water for a minimum contact time of 10 minutes in a single application. Use 2 ounces per gallon of water for Feline Calicivirus (surrogate for Norovirus). For disinfecting, remove gross filth and heavy soil deposits, then thoroughly wet surfaces. *Mikro-Bac 3 Germicidal Detergent* is a multi-purpose germicidal detergent and can be applied with a mop, sponge or cloth; or

EPA Reg No. 303-223-1677
EPA Est. 303-IN-1 (L), 1677-IL-2 (J), 1677-TX-1 (D), 1677-GA-1 (M), 1677-MN-1 (P), 1677-CA-1 (S), 1677-CA-2 (R), 1677-WV-1 (V).
The superscript refers to the first letter of the date code.

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**DIRECTIONS FOR USE (CONTINUED)**

by soaking. The use solution is used once and discarded. Rinsing is not necessary on floor surfaces unless floors are to be waxed or polished.

*Mikro-Bac 3 Germicidal Detergent* is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical devices prior to sterilization or high-level disinfection.

**For service or additional information, call 1-800-35-CLEAN (352-5326).**

***KILLS HIV-1 (AIDS VIRUS) ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings 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 the transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS**

**PERSONAL PROTECTION:** Disposable latex or vinyl gloves, gowns, face masks, and eye coverings must be worn during all cleaning of body fluids, blood, and decontamination procedures.

**CLEANING PROCEDURE:** Blood/body fluids must be thoroughly cleaned from surfaces and objects before application of *Mikro-Bac 3 Germicidal Detergent.* This cleaning may be accomplished with any cleaning solution, including this product.

**CONTACT TIME:** 10 minutes.

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

**DISINFECTION OF BARBER AND BEAUTYSHOP INSTRUMENTS AND TOOLS**

Thoroughly pre-clean instruments/tools. Use dilution rate is 1:128 (1/4 oz. per 32 oz. of water or 8 ml. per liter of water). Completely immerse brushes, combs, shears, clipper blades, razors, tweezers, manicure and other shop tools for 10 minutes at room temperature (or as required by local authorities). After disinfection, remove instruments and rinse thoroughly and let dry. Fresh solution must be prepared daily, or more often if solution becomes diluted or soiled. Prolonged soaking may cause damage to metal instruments.

**DISINFECTION AND DEODORIZING OF ANIMAL HOUSING FACILITIES (BARNS, KENNELS, CAGES, HUTCHES):**

1. Do not use in milking stalls, milking parlors, or milk houses.
2. Remove all animals and feeds from premises, trucks, coops, crates, and enclosures.
3. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.
4. Empty all troughs, racks, and other feeding and watering appliances.
5. Thoroughly clean all surfaces with soap or detergent and rinse with water.
6. Saturate all surfaces with a use solution of 1 oz. per gallon of water for 10 minutes for all organisms listed on the label (2 ozs. per gallon for Feline Calicivirus Norovirus) for a period of 10 minutes.
7. 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.
8. Ventilate buildings, coops, cars, boats, and other closed spaces. Do not house poultry, livestock or employ equipment until treatment has been absorbed, set, or dried.
9. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.