BioSonic®
UC42

Germicidal Ultrasonic Cleaner Concentrate

• Bactericidal • Tuberculocidal
• Germicidal• Fungicidal
• Virucidal* (Kills HIV-1)

Ortho-phenylphenol .................................................. 3.40%
Ortho-benzyl-para-chlorophenol ................................. 3.03%
Inert Ingredients ........................................................ 93.57%
100.00%

Keep Out of Reach of Children

WARNING
See back label for additional precautionary statements

Contents: 16 fl. oz. (473 ml) Cat. No. UC42
PREPARATION OF DISINFECTANT USE-SOLUTION: ADD (MIX) 1 OZ. PER GALLON OF WATER.

PRECAUTIONARY STATEMENTS: HAZARD TO HUMANS AND DOMESTIC ANIMALS.

WARNING: Causes eye or skin irritation. Avoid breathing spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling the concentrate. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, smoking tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

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. 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 INHALED - Move person to fresh air. If person is not breathing, call 911 or an ambulance. Then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

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

HOT LINE NUMBER: If case of an emergency call toll free Chemtrec at 800-424-9300. 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.

EFFICACY CLAIMS
BACTERICIDAL QUALIFICATIONS:
- Acinetobacter Baumannii [ATCC 19006]
- Enterococcus Faecalis - Vancomycin Resistant [VRE]
- Escherichia Coli (E. Coli) [ATCC11229]
- Carbapenem Resistant Klebsiella Pneumoniae ATCC BAA 1705 (CRE)
- Neisseria Meningitidis (Meningoccocus) [ATCC 13090]
- Pseudomonas Aeruginosa[P. aeruginosa] [ATCC 15442]
- Salmonella Enterica [S. enterica] [ATCC 10708]
- Staphylococcus Aureus-Methicillin Resistant [MRSA]
- Staphylococcus Aureus [S. aureus] [ATCC 6538]
- Streptococcus Pneumoniae [ATCC 6530]

TUBERCULOCIDAL ACTIVITY:
- Mycobacterium bovis (BCG) [Organon Teknika, Corp.] in the presence of 400 ppm hard water (at 20º C for 10 minutes) on hard non-porous surfaces

FUNGICIDAL ACTIVITY:
- Trichophyton Interdigitale [ATCC 9533]
- Saccharomyces Cerevisiae [ATCC 8344]

VIRUCIDAL ACTIVITY:
- Adenovirus Type 2
- Avian Influenza Virus (H9N2) (Charles River Laboratories) (H5N1)(NIBRG-14)
- Bovine Viral Diarrhea Virus (surrogate for Human Hepatitis C Virus) [Strain: NADL]

FOR INDUSTRIAL AND INSTITUTIONAL USE
- Net Contents: 16 oz.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. DO NOT MIX WITH OTHER CLEANERS.

UC42 solution may be applied with a cloth, mop or brush, spray, or by soaking. For visibly soiled surfaces, thoroughly clean surface prior to disinfecting. For Use as a Cleaner and/or Deodorizer: Apply use solution evenly over surface to be cleaned. Wipe with clean cloth, mop, sponge or paper towel. To Disinfect: Pre-cleaning is required for disinfection of Feline Calicivirus and Norovirus. Visible soil must be removed before applying cleaning solution. Let all surfaces thoroughly. Let stand for 10 minute contact time before wiping or rinsing, or allow to air dry. When used for mopping or from an open pail, solution must be changed at least daily or more often if the solution becomes diluted or contaminated.
soiled. UC42 is suitable for cleaning floors and walls in the departments of food processing plants at 1:128 use dilution.

**FOR USE IN ULTRASONIC CLEANING MACHINE:** UC42 Ultrasonic Cleaner Concentrate is designed to be used in an ultrasonic cleaning system as a cleaner or disinfectant prior to terminal sterilization or high level disinfection of non-porous items such as instruments or appliances.

**DILUTION:** To supply the proper dose of solution, remove cap from unit dose chamber and squeeze bottle to fill reservoir. Use at a dilution level of 1:50 of UC42 Germicidal Cleaner per ½ gallon of water or 1 ounce per gallon of water (1:128). Pour concentrate into tray, pan or ultrasonic tank and add water to recommended level.

**PRE-SOAK:** Place contaminated instruments in a holding tray or auxiliary pan filled with properly diluted UC42. Transfer to an Ultrasonic Cleaning System also filled with UC42 when ready for cleaning cycle. Dispose of solution daily.

**DISINFECTION PRIOR TO STERILIZATION:** Place contaminated instruments and/or appliances after they have been thoroughly cleaned into properly mixed UC42. Make sure to properly rinse and dry instruments prior to placing in tray or basket.

**CLEANING PROCEDURE:** Completely immerse for 10 minutes at room temperature (20°-23° C/68°-72° F) for proper decontamination. Instruments and appliances must be removed and thoroughly rinsed prior to terminal sterilization or high level disinfection. Change solution daily or sooner if required.

**ULTRASONIC CLEANING EQUIPMENT:** Add UC42 Ultrasonic Cleaner Concentrate and water, at the proper dilution ratio, as stated above (1:128) to the ultrasonic machine. Fill the basket with pre-cleaned instruments, place cover on machine and run a cycle of 10 minutes. DO NOT use the heater on the machine, as this will cause vaporization of the germicide. After completing the cycle, turn off machine and lift the basket, allowing drainage and then rinse in running water. The solution should be replaced daily, more often if heavy contamination occurs. **DO NOT MIX WITH ANY OTHER MATERIALS.**

**DECONTAMINATION OF CRITICAL OR SEMI-CRITICAL DEVICES PRIOR TO TERMINAL STERILIZATIONS/HIGH LEVEL DISINFECTION:** This product 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 preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

**UC42 KILLS HIV 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 non-porous surfaces/objects with blood or body fluids, and in which the surfaces/objects are 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).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATING SURFACES/OBJECTS SOILED WITH BLOOD AND BODY FLUIDS WHICH MAY CONTAIN HIV-1 (AIDS virus).**

**PERSONAL PROTECTION:** Wear disposable rubber or latex gloves, gowns, face masks and eye coverings when performing manual cleaning of these surfaces.

**CONTACT TIME:** Leave surfaces wet for 1 minute. This contact time will not control other common types of viruses and bacteria.

**CLEANING PROCEDURE:** UC42 solution may be used to remove and clean blood and other body fluids from surfaces and objects before disinfection. For lightly soiled areas wipe off visual soil/clean with UC42 solution, and disinfect the contaminated area must be flooded with the UC42 solution after cleaning, then decontaminated with fresh UC42 solution.

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

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Keep upright with cap tightly closed. 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:** Do not reuse empty container. Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill or by incineration, if allowed by state and local authorities. Consult federal, state, or local disposal authorities for approved alternate procedure. If burned, stay out of smoke.

**WARNING:** This product can expose you to chemicals including (O-phenylphenol) which is known to the State of California to cause cancer. For more information go to www.P65Warning.ca.gov/product.