HOSPITAL GRADE
ULTRASONIC CLEANER CONCENTRATE
FOR USE IN ULTRASONIC CLEANING MACHINES

Detergent, Disinfectant, Deodorant,
Germicidal, Fungicidal, *Virucidal, Tuberculocidal

ACTIVE INGREDIENTS:
Ortho-phenylphenol ........................................ 3.40%
Ortho-benzyl-para-chlorophenal .................... 3.03%

INERT INGREDIENTS: ........................................ 93.57%
TOTAL: .......................................................... 100.00%

KEEP OUT OF REACH OF CHILDREN • DANGER PELEGRO
SEE BACK LABEL FOR ADDITIONAL PRECAUTIONS AND FIRST AID

E.P.A. Registration No. 34810-31-72869
E.P.A. Establishment Registration No. 2212-NY-1

Contents 16 fl. Oz. (473 ml)

Manufactured for L & R Manufacturing Company
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ONE OUNCE CONCENTRATE MAKES 1 GALLON OF SOLUTION
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.** To be used in an Ultrasonic Cleaning System as a cleaner and disinfectant prior to sterilization of non-porous items such as instruments and appliances.

**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:** In case of an emergency call toll free 1-800-506-1146. 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 may be needed.
GERMICIDAL QUALIFICATIONS:
Pseudomonas aeruginosa [Ps. aeruginosa], Staphylococcus aureus [S. aureus], Salmonella enterica [S. enterica] including Methicillin resistant Staphylococcus aureus (MRSA) and Methicillin resistant Staphylococcus epidermidis (MRSE), Enterococcus faecalis (VRE), Acinetobacter baumannii in 400 ppm hard water and 5% serum at 1:128

TUBERCULOCIDAL ACTIVITY:
(AOAC M. bovis) in the presence of 400 ppm hard water (at 20º C for 10 minutes) on previously cleaned hard non-porous surfaces 1:128

FUNGICIDAL TEST:
(AOAC T. Mentagrophytes) in the presence of 400 ppm hard water and 5% serum at 1:128

VIRUCIDAL ACTIVITY TEST*:
Influenza A3 (Hong Kong), Pandemic 2009 H1N1 Influenza A Virus (formerly called Swine Flu), Adenovirus Type 2, Herpes simplex Types 1 and 2, Vaccinia virus, Human Rotavirus, and Respiratory Syncytial virus, Rhinovirus (type 37) in the presence of 400 ppm hard water and 5% serum 1:128

HIV-1 [AIDS] in the presence of 400 ppm hard water and 10% serum at 1:128

Feline Calicivirus (surrogate for Norovirus) in the presence of 400 ppm hard water previously cleaned hard non-porous surfaces 1:128

[Avian Influenza Virus (H9N2) (Charles River Laboratories) (H5N1)(NIBRG-14) in the presence of 400 ppm hardness and 5% serum at 1:128

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

FOR USE IN ULTRASONIC CLEANING MACHINE.
ULTRADOSE Germicidal Hospital Grade Ultrasonic Cleaner Concentrate is designed to be used in an Ultrasonic Cleaning System as a cleaner or decontaminant 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 ½ ounce of ULTRADOSE Germicidal Hospital Grade Ultrasonic Cleaner Concentrate per half 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 ULTRADOSE Germicidal Hospital Grade Ultrasonic Cleaner Concentrate. Transfer to an L&R Ultrasonic Cleaning System also filled with ULTRADOSE Germicidal Hospital Grade Ultrasonic Cleaner Concentrate when ready for cleaning cycle. Dispose of solution daily.

DECONTAMINATION:
Place contaminated instruments and/or appliances after they have been thoroughly cleaned into properly mixed ULTRADOSE Germicidal Hospital Grade Ultrasonic Cleaner Concentrate. Make sure to properly rinse and dry instruments prior to placing in tray or pan. Completely immerse for 10 minutes at room temperature (20E-23E C/68E-72E 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 ULTRADOSE Germicidal Hospital Grade Ultrasonic Cleaner Concentrate and water, at the proper dilution ratio, as stated above (1:128) to your 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.
For cleaning and disinfection of hard surfaces in hospitals, health-care facilities, schools and nursing homes, use at a dilution of 1 ounce per gallon of water for walls, floors, bathroom fixtures, stainless steel, chrome, glass and vinyl.

**ULTRADOSE** Germicidal Hospital Grade Ultrasonic Cleaner Concentrate solution may be applied with a cloth, mop or brush, or by soaking. For heavily soiled surfaces, pre-clean according to General Cleaning Directions.

**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:** Wet all surfaces thoroughly. Let stand for 10 minute contact time before wiping or rinsing, or allow to air dry. Heavy soil must be removed before applying cleaning solution. 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 soiled. **ULTRADOSE** Germicidal Hospital Grade Ultrasonic Cleaner Concentrate is suitable for cleaning floors and walls in the departments of food processing plants at 1:128 use dilution.

**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.

**ULTRADOSE** Germicidal Hospital Grade Ultrasonic Cleaner Concentrate **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 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).

**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 as appropriate, when performing manual cleaning of these surfaces.

**CONTACT TIME:** Leave surfaces wet for 10 minute. This contact time will not control other common types of viruses and bacteria.

**CLEANING PROCEDURE:** **ULTRADOSE** Germicidal Hospital Grade Ultrasonic Cleaner Concentrate 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 **ULTRADOSE** Germicidal Hospital Grade Ultrasonic Cleaner Concentrate solution, and disinfect surface with a second application of the **ULTRADOSE** Germicidal Hospital Grade Ultrasonic Cleaner Concentrate solution. For large spills the contaminated area must be flooded with the **ULTRADOSE** Germicidal Hospital Grade Ultrasonic Cleaner Concentrate solution before cleaning, then decontaminated with fresh **ULTRADOSE** Germicidal Hospital Grade Ultrasonic Cleaner Concentrate 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 a approved alternate procedure. If burned, stay out of smoke.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not refill or reuse this container. Wrap empty container and put in trash.

Packaged by:
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