UltraDose®

Germicidal

HOSPITAL GRADE CLEANER CONCENTRATE

FOR USE IN ULTRASONIC CLEANING MACHINES

Cleaner + Disinfectant in One

Clean and Disinfect in One Step with L&R's Dual Action UltraDose® Germicidal Hospital Grade Ultrasonic Cleaning Solution

The unique cleaning power of L&R's Ultrasonic Cleaning Solution and the benefits of a hospital grade disinfectant come together in UltraDose Germicidal Ultrasonic Cleaning Solution Concentrate. UltraDose Germicidal eliminates harmful micro-organisms while saving you time. What else would you expect from the leader in Ultrasonic Cleaning for over 85 years? Keep your instruments clean and safe simultaneously with UltraDose Germicidal.

- Disinfects the ultrasonic bath and instruments, eliminating residual micro-organisms
- Cleans inanimate, non-porous instrument and appliance surfaces
- Performs as an ultrasonic cleaner, disinfectant, deodorant, germicidal, fungicidal, virucidal and tuberculocidal all-in-one
- Makes 16 gallons of non-irritating, fragrance-free solution from just 16 ounces of concentrate

Available in 16 oz. Containers.
Each container makes 16 gallons of solution.

	UltraDose® Germicidal	Competition
Micro-organisms Eliminated:		
1. Salmonella	✓	✓
2. Staphylococcus	✓	✓
3. MRSA	✓	✓
4. Tuberculocidal	✓	✓
5. HIV-1	✓	✓
6. Virucidal	✓	✓
7. Herpes Simplex 1&2	✓	
8. Pseudomonas	✓	
Phenolic Content:	**6.43%**	9.7%
Product Scent:	**Fragrance Free**	Strong, Unpleasant, Medicinal Odor
Container Size:	**16 oz.**	8 oz., 16 oz.
Gallons/Container:	**16 Gallons / Container**	8 Gallons / Container, 16 Gallons / Container

✓ More organisms eliminated ✓ Fragrance Free
✓ Higher phenolic content ✓ Lower cost per use

L&R ULTRASONICS. YOUR GLOBAL SOURCE FOR ULTRASONIC CLEANING SYSTEMS.

UltraDose®

Germicidal

ULTRASONIC CLEANER CONCENTRATE
1 OZ / GALLON

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER

GERMICIDAL QUALIFICATIONS:
Pseudomonas aeruginosa [Ps. aeruginosa] Staphylococcus auereus [S.auereus], Salmonella enterica [S.enterica] including Methicillin resistant Staphylococcus auereus [MRSA] and Methicillin resistant Staphylococcus epidermidis [MRSE], Enterococcus faecalis [VRE], Acinietobacter 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 AN ULTRASONIC TANK.
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 1/2 gallon of water or 1 ounce per 1 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 (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 **UltraDose** Germicidal Hospital Grade Ultrasonic Cleaner Concentrate and water, at the proper dilution ratio, as stated above (1:128) in 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 1 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 approved alternate procedure. If burned, stay out of smoke.

CONTAINER DISPOSAL:
Non-refillable container. Do not refill or reuse this container. Wrap empty container and put in trash.