

Introducing...NEW UltraDose®!

ULTRASONIC CLEANER+DISINFECTANT IN ONE

**SOME THINGS WERE
MEANT TO BE TOGETHER.**

**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 germ-killing benefits of a hospital grade disinfectant come together in new 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 70 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**



| UltraDose® Germicidal | Competition |
|------------------------------------|---|
| Micro-organisms Eliminated: | |
| 1. Salmonella | ✓ |
| 2. Staphylococcus | ✓ |
| 3. Trichophyton | ✓ |
| 4. Mycobacterium Bovis (TB) | ✓ |
| 5. HIV-1 | ✓ |
| 6. Seratia Marcescens | ✓ |
| 7. Herpes Simplex 2 | ✓ |
| 8. Pseudomonas Acrusinosa | ✓ |
| Phenolic Content: | 9.7% |
| Product Scent: | Fragrance Free |
| Container Size: | 8 oz., 16 oz. |
| Gallons/Container: | 8 Gallons / Container, 16 Gallons / Container |

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

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



UltraDose®

Germicidal Hospital Grade Ultrasonic Cleaner Concentrate 1 oz/gallon

**One Step: Detergent, Disinfectant, Deodorant, Germicidal,
Fungicidal, *Virucidal, Tuberculocidal**

ACTIVE INGREDIENTS:

| | | |
|--------------------------------|--------------|---|
| Ortho-benzyl-para-chlorophenol |3.80% | Contents: 16 fl. oz. (473 ml) makes 16 gallons |
| Para-tertiary-amylphenol | 3.74% | |
| Ortho-phenylphenol |2.35% | |
| INERT INGREDIENTS |90.11% | |
| TOTAL |100.00% | |

KEEP OUT OF REACH OF CHILDREN DANGER:

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

DIRECTIONS FOR USE: For use in Ultrasonic Cleaning Machines. 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 1/2 ounce of UltraDose Germicidal Cleaner 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. Transfer to an L&R Ultrasonic Cleaning System also filled with UltraDose Germicidal when ready for cleaning cycle. Dispose of solution daily.

DECONTAMINATION: Place contaminated instruments and/or appliances after they have been thoroughly cleaned (preferably in an L&R Ultrasonic Cleaning System) into properly mixed UltraDose Germicidal. 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) 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.

***VIRUCIDAL PERFORMANCE:** At 1 oz. per gallon use level, UltraDose was evaluated in the presence of 5% serum and 400 ppm hard water for a contact time of 10 minutes at room temperature (20° - 23°C) against the HIV-1 (AIDS Virus) found on inanimate, hard, non-porous environmental surfaces. *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 Type1 (HIV-1) (associated with AIDS).

"SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS": Contact Time: Leave surface wet for 10 minutes with 1 oz. per gallon use dilution. Cleaning Procedure: Blood and other body fluids containing HIV must be thoroughly cleaned from surfaces and objects before application of UltraDose Germicidal. Personal Protection: Clean up should always be done wearing protective latex gloves, gowns, masks, and eye protection. Materials: Blood, body fluids, cleaning materials, and clothing should be autoclaved and disposed of according to local regulations for infectious waste disposal.

GERMICIDAL ACTIVITY: UltraDose Germicidal is effective against the following organisms as demonstrated by the AOAC test method, modified in 400 ppm hard water (as CaCO3): Representative organisms include: HIV-1, Staphylococcus aureus, Pseudomonas aeruginosa and salmonella Choleraesuis. Additional testing was performed using the standard AOAC test method without the addition of hard water. Representative organisms include: Seratia marcescens, Herpes simplex 2, Mycobacterium Bovis (TB), and Trichophyton.

Note: 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 pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER:

Corrosive: May cause irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Wear protective eye wear (goggles, face shield or safety glasses), protective clothing and rubber gloves. Harmful if swallowed and/or if absorbed through the skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing before reuse.

FIRST AID: Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling poison control center or doctor or going for treatment.

- **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes then continue rinsing eye.
- **IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
- **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 to do so by a poison control center or doctor. Do not give anything by mouth for an unconscious person.
- **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
- **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination Systems (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

- **STORAGE AND DISPOSAL:** Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Discard in trash or recycle.
- **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of 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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration or if allowed by state and local authorities by burning. If burned, stay out of smoke.
- **GENERAL DISPOSAL:** Consult Federal, State or Local Disposal authorities for approved alternate procedures.

| CAS NUMBER | CHEMICAL NAME | CAS NUMBER | CHEMICAL NAME |
|------------|--------------------------|------------|-------------------------------|
| 7732-18-5 | Water | 119345-4-9 | Dowfax 2A1 Solution |
| 67-63-0 | Isopropanol | 64-02-8 | Tetrasodium EDTA Tetrahydrate |
| 120-32-1 | o-benzyl-p-chlorophenol | 7757-83-7 | Sodium sulfite |
| 80-46-6 | para-tertiary-amylphenol | 1310-58-3 | Potassium hydroxide |
| 90-43-7 | o-phenylphenol | Mixture | Perfume |

E.P.A. Registration No. 2212-17-72869
E.P.A. Establishment No. 2212-NY-1
Product code # UD036

**Call us today at 201-991-5330 or log onto
www.LRultrasonics.com for more information.**



www.LRultrasonics.com

phone: 201-991-5330

fax: 201-991-5870

email: info@LRultrasonics.com

577 Elm Street, PO Box 607, Kearny, New Jersey 07032-0607 USA

