



# LopHene® Germicidal Detergent Technical Data Sheet

EPA Reg. No. 211-62-56753

## - BRIEF DESCRIPTION -

*LopHene is a concentrated, multiphenolic detergent disinfectant that controls a broad spectrum of pathogenic organisms. LopHene's low-pH formula is designed to be used alone or with Decon Lab's alkaline phenolic disinfectant, CiDecon concentrate, when a rotational disinfection program is desired. Because it's phosphate-free, LopHene can be used to clean and disinfect any hard laminate, nonporous surface in one easy step without leaving interfering residues.*

## - USE PROTOCOL -

Add 1/2 ounce of LopHene to one gallon of water (1:256 dilution). Remove heavy soil or gross filth then apply with cloth, sponge, mop, or mechanical sprayer to wet the surface thoroughly. Allow to remain wet for 10 minutes then rinse with water, wipe, or let air dry. If higher detergency is desired, increase dilution to 1 ounce per gallon of water (1:128 dilution).

## - ACTIVE INGREDIENTS -

Orthobenzyl-benzyl-para-chlorophenol 6.650%  
Ortho-phenylphenol 8.085%  
Other ingredients 85.265%

pH concentrate: 2.5 / pH diluted: 3.5

## - EFFICACY DATA-

The broad-spectrum efficacy of LopHene has been confirmed using A.O.A.C. protocol testing at a use-dilution of 1:256 in the presence of 5% blood serum (used to simulate organic soil load) at 20°C with an exposure time of 10 minutes.

**Germicidal:** LopHene is effective against the broad spectrum of gram positive and gram negative pathogens as confirmed against *Salmonella choleraesuis*, *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Escherchia coli*, and Methicillin Resistant *Staphylococcus aureus* (MRSA).

**Virucidal:** Effective against HIV-1 (AIDS Virus), *Herpes Simplex*, Type 2 on hard, non-porous, inanimate surfaces, as confirmed by the A.O.A.C. use-dilution test, in hard water up to 400 ppm (calculated as CaCO<sub>3</sub>) and in the presence of 5% organic soil load, at 20°C with an exposure time of 10 minutes.

**Fungicidal:** Effective against *Trichophyton mentagrophytes* (athlete's foot fungus) in use areas such as shower room floors, locker room benches, bathmats, or any other hard, non-porous, inanimate environmental surfaces.

**Tuberculocidal:** Proven tuberculocidal through effectiveness against *Mycobacterium bovis* (BCG) as demonstrated through testing using the A.O.A.C. Method 5 Confirmative in Vitro Test for Determining Tuberculocidal Activity, in hard water up to 400 ppm (calculated as CaCO<sub>3</sub>) and in the presence of 5% organic soil load, at 20°C with an exposure time of 10 minutes.

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## - STORAGE AND DISPOSAL -

**Storage** - Store in securely closed original container. Store in area that will prevent cross contamination of other pesticides, fertilizer, food, and feed. Avoid storage at extreme temperature or in sunlight.

**Container Disposal** - Do not reuse LopHene container. Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**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.

## - OSHA RULES AND REGULATIONS -

LopHene is Tuberculocidal and therefore conforms to OSHA's Blood Borne Pathogen Standard. OSHA states that EPA Registered disinfectants with efficacy against TB and HIV-1t should be used where HBV is a concern.

## - PRECAUTIONARY STATEMENT -

**KEEP OUT OF REACH OF CHILDREN.**

**CORROSIVE.** Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. Harmful if swallowed. Wear disposable gloves and protective eyewear or face shields when handling or when cleaning blood, body fluid, or contaminated items. Avoid contamination of food. Remove and wash contaminated clothing. Contaminated waste containing blood or body fluids should be autoclaved and disposed according to local regulations regarding infectious waste.

**Statement of Practical Treatment.** LopHene is acidic. In case of contact, rinse skin or flush eyes with plenty of water for at least 15 minutes. For eyes, call physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink large quantities of water and call a physician.

**Note to Physician.** Probably mucosal damage may contraindicate the use of gastric lavage. Measures against shock, respiratory depression, and convulsion may be needed.

## - SHELF LIFE -

In concentrate: three years from date of manufacture. The expiration date can be found on the product. Prepare a fresh solution for each use.

## - PACKAGING -

**1 Gallon (3.8L) / 4 per case**

## - CATALOG NUMBER -

<u>Manufactured for:</u>	<u>Item</u>	<u>Cat. No.</u>
Decon Labs, Inc.	1 Gal.	8801

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**For Additional Technical Information call  
Decon Customer Service  
(800) 332-6647, or  
See our website at [www.deconlabs.com](http://www.deconlabs.com)**

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<sup>®</sup>Decon Labs, Inc.

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