

<b>Material Safety Data Sheet</b>		(MSDS)		Date of Revision 08/01/08	
Date of Issue: 08/01/1998					
SECTION 1 - MANUFACTURER INFORMATION					
<b>Manufacturer Name:</b>		Decon Laboratories, Inc.			
<b>Trade Name:</b>		<b>LopHene®</b> <b>Low pH Germicidal Detergent</b>		<b>Emergency Telephone</b> U.S.: (800) 424-9300 Canada: (703) 527-3887	
<b>Chemical Name or Synonym:</b>		N/A		<b>Info Telephone:</b> 610-755-0800	
<b>Mfg. Address:</b>		460 Glennie Circle			
<b>City:</b>		King of Prussia		<b>State, Zip:</b> PA 19406	
SECTION II - HAZARDOUS INGREDIENTS					
CAS #	Chemical Name	Percent	OSHA PEL	ACGIH-TLV	Other Limits
90-43-7	2-Phenylphenol	8.25	N/E	N/E	N/E
120-32-1	Orthobenzyl-Benzyl-Para-Chlorophenol	7.00	N/E	N/E	N/E
67-63-0	Isopropanol	<10.0	1000 ppm	400 ppm	400 ppm
27176-87-0	Dodecylbenzenesulfonic Acid	<15	N/E	N/E	N/E
107-41-5	Hexylene Glycol	<20	25 ppm	25 ppm	25 ppm
<b>Additional Information:</b>		<u>Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)</u>			
SECTION III - PHYSICAL DATA					
<b>Boiling Point (°F):</b>		212°F		<b>Specific Gravity @ 25°C:</b> 1.082 to 1.102	
<b>Pressure (mm of Hg):</b>		N/E		<b>pH (Concentrate):</b> 1.50 to 2.50	
<b>Vapor Density (air = 1):</b>		N/E		<b>pH (Diluted):</b> 3.00 to 4.50	
<b>Solubility:</b>		Complete		<b>Evaporation Rate:</b> N/E	
<b>Appearance and Odor:</b>		Clear light amber liquid (that may darken with age) with a slight alcohol odor.		<b>Melting Point:</b> N/E	
SECTION IV - FIRE AND EXPLOSION DATA					
<b>Flash Points:</b>		107 <sup>0</sup> F.		<b>LEL:</b> N/E <b>UEL:</b> N/E	
<b>Extinguishing Media:</b>		In case of fire, use water spray, CO <sub>2</sub> , Dry Chemical or Foam.			
<b>Special Procedures:</b>		Use water spray to cool fire-exposed containers and to protect personnel.			
<b>HMIS RATING FOR CONCENTRATE:</b>		HEALTH (3) FLAMMABILITY (2) REACTIVITY (0) Pers. Prot. B			
<b>HMIS RATING FOR 1:256 DILUTION:</b>		HEALTH (1) FLAMMABILITY (0) REACTIVITY (0) Pers. Prot. B			
<b>NFPA RATING FOR CONCENTRATE:</b>		HEALTH (3) FLAMMABILITY (2) REACTIVITY (0) Pers. Prot. B			
<b>NFPA RATING FOR 1:256 DILUTION:</b>		HEALTH (1) FLAMMABILITY (0) REACTIVITY (0) Pers. Prot. B			

# LopHene® Low pH Germicidal Detergent

## SECTION V - HEALTH HAZARD DATA

**Route(s) of Entry:** Eyes: Yes. Skin: Yes. Ingestion: Yes. Inhalation: Yes.

**Health Hazards (Acute and Chronic):** Corrosive, will cause severe eye and skin.

Harmful or fatal if swallowed. Corrosive to lungs.

**Signs and Symptoms of Exposure:** If in eyes: Burning sensation, watering, or redness.

If on skin: Redness, irritation or burning sensation with prolonged exposure.

If spray mist is inhaled: Lung irritation and/or burning sensation.

If swallowed: Drowsiness, irregular pulse, loss of consciousness.

**Medical Conditions Generally Aggravated by Exposure:** None known.

**CHRONIC HEALTH EFFECTS / SYMPTOMS:** None known.

<b>Carcinogenicity Data:</b>	NTP: No	IARC: No	OSHA: N	OTHER: No
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## First Aid

**Eyes:** Flush eyes immediately with water for 15 minutes.

**Clothes:** Wash before reuse.

**Skin:** Wash liberally with soap and water.

**Inhalation:** Remove immediately to fresh air.

**Ingestion:** Dilute by drinking large quantities of water. Do not induce vomiting without medical advice. Always get medical attention when product is swallowed or when symptoms are significant or persist.

## SECTION VI - REACTIVITY DATA

**Stability:** Stable

**Incompatibility (Materials or conditions to avoid):** Extreme high temperatures or open flame.

**Hazardous Decomposition or Byproducts:** None known.

**Hazardous Polymerization:** Will not occur.

## SECTION VII - SPILL OR LEAK PROCEDURES

**Spill Procedures:** Small spills (less than 1 gal.) may be diluted with water and washed down a drain or cleaned up and disposed of into a sanitary sewer system. Large spills (more than 1 gal.) should be contained and collected (by absorption or vacuuming) then disposed of properly.

**Waste Disposal Procedures:** Dispose of product by using in accordance with label directions or in accordance with local, state and federal regulations. This product is NOT considered a RCRA Hazardous Waste as identified in Federal Regulations 40 CFR 261.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

**Respiratory:** General ventilation is normally adequate. Protect breathing system with an appropriate respirator if spraying causes exposure to mists.

**Eyes:** Use safety glasses or goggles when diluting concentrates or when splashing or spraying of diluted product into the eyes is likely.

**Protective Gloves:** Required for exposure to the concentrate when diluting or for long exposures to end-use dilutions. Persons sensitive to cleaning chemicals should always wear gloves.

**Other Protective Clothing:** Not normally necessary for routine handling.

**Ventilation:** Local exhaust - normally sufficient. Mechanical (General) - not normally needed.

**Work/Hygienic Practices:** Wash hands after using. Do not get in eyes, on skin, or clothing. May be harmful if swallowed. Protect food and drink from contamination by product.

## SECTION IX - ADDITIONAL INFORMATION

**Safe Handling and Storage:** KEEP OUT OF REACH OF CHILDREN. Do not contaminate water, food, or feed. Do not reuse empty containers. Keep containers clean and closed.

## SECTION X - TRANSPORTATION INFORMATION

**DOT Hazard Class:** Shipping by ground: ORM-D Consumer Commodity

Shipping by boat: Flammable Liquid, Corrosive NOS (Isopropanol, Citric Acid) Class 3, UN 2924, PG III

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.