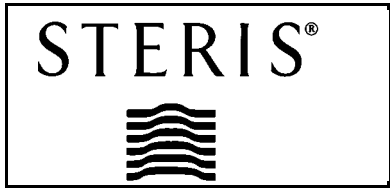


Material Safety Data Sheet
 May be used to comply with OSHA's
 Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.



Product Name LPH SE	Product Description AQUEOUS ACID PHENOLIC DETERGENT	Product ID 6466
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SECTION I

Manufacturer's Name STERIS Corporation	Emergency Telephone Number 1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)	Health	3
		Fire	2
Address P.O. Box 147 St. Louis, Missouri 63166	Telephone Number for Information 1-800-548-4873 (Customer Service - Healthcare Products)	Reactivity	1
		Least Slight Moderate High Extreme	
	Date Prepared: August 17, 2000	0 1 2 3 4	
Prepared by: M. Ebers			

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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Hazardous Components (Specific Chemical Identity; Common Name(s))	% by Wt.	ACGIH TLV	OSHA PEL	Other Limits Recommended
p-tertiary amyphenol (80-46-6)	7.6	N/A	N/A	
#2-phenylphenol (90-43-7)	7.7	N/A	N/A	
Phosphoric acid (7664-38-2)	15.0	1mg/m ³	1mg/m ³	STEL=3mg/m3
Isopropanol (67-63-0) STEL=500ppm	7.5	400ppm	400ppm	
# Ingredient subject to reporting under Section 313 of Title III (SARA) and 40 CFR 372.				

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

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Solubility in Water	Complete	Specific Gravity (H₂O=1 @ 25C)	1.108
Freezing Point F	0-15F	% Volatile by wt @ 105C/1 hr	N/A
pH @ 1:256 Soln	~ 2.6	pH as Distributed	~ 1.0
Appearance	Yellow to amber liquid	Odor	Mild and pleasant

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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Flash Point (Method Used)	111F (Closed Cup)	Flammable Limits	N/A	LEL	UEL
Extinguishing Media	Foam, CO ₂				
Special Fire Fighting Procedures	N/A				

Unusual Fire and Explosion Hazards

N/A

SECTION V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid None known.
	Stable	X	
Incompatibility (Materials to Avoid)		Bleach, ammonia and alkaline chemicals.	
Hazardous Decomposition or Byproducts		Forced ignition of dried residues may produce CO, CO ₂ and sulfur oxides.	
Hazardous Polymerization	May Occur		Conditions to Avoid None known.
	Will Not Occur	X	

LPH SE

SECTION VI - HEALTH HAZARD DATA

A. ACUTE (Primary Route of Exposure)

Concentrate corrosive to tissues.

EYES & SKIN: Use dilution slightly irritating to eyes. Concentrate severely irritating to skin and eyes.

INHALATION: Inhalation toxicity >62 ml/l @ 1:256 for 4 hours. Mist of use-solution may be irritating to nasal passages and lungs.

INGESTION: Oral LD₅₀ 6.00 gm/kg(male rat); 4.33 gm/kg (female rats). Will cause upset to stomach.

B. SUBCHRONIC, CHRONIC, OTHER: None known.

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: In case of contact, immediately flush with plenty of water for at least 15 minutes. Call a physician.

SKIN: In case of contact, immediately wash with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before reuse.

INHALATION: Remove source of irritation, call a physician if irritation persists.

INGESTION: If swallowed, drink large amounts of water. Do NOT induce vomiting. Call a physician or poison control center immediately.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING & USE

Spill Management:	Contain spill. Absorb on absorbent material and place in a D.O.T. approved container for disposal. Flush spill site with large quantities of water to a sanitary sewer.
Waste Disposal Methods:	Unused material is considered hazardous waste (EPA hazardous waste No. D002, characteristic of corrosivity) due to low pH. Product may be neutralized and flushed with large amounts of water to sanitary sewer. If the means are not available to neutralize this product, this waste must be disposed of in accordance with state, local and federal regulations. Contact your local EPA Regional Office for further guidance.
Precautions to be taken in handling and storage:	Product will withstand an occasional accidental freezing. It must be thoroughly thawed and agitated (roll drum) before being used.

Shipping information:	Not restricted
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SECTION IX - PROTECTION INFORMATION/CONTROL MEASURES

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Respiratory:	Not required.		
Eyes:	Safety glasses or goggles.	Gloves:	Rubber
Other Clothing and Equipment:	N/A		
Ventilation:	Normal room ventilation.		