



SAFETY DATA SHEET

1. Identification of the Substance and Company

LPH SE

Product No. 6466

MSDS No. 6466

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STERIS Corporation, P. O. Box 147, St. Louis, MO 63166, US
Emergency Telephone No. 1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)
Telephone Number for Information: 1-800-548-4873 (Customer Service-Healthcare Products)

2. Hazards Identification: Severely irritating to eyes and skin. Combustible.

3. Composition/Information on Ingredients

Hazardous Component(s)	CAS No.	% By Wt.
p-tertiary amylphenol	80-46-6	7.6
#2-phenylphenol	90-43-7	7.7
Phosphoric acid	7664-38-2	15.0
Isopropanol (Propan-2-ol)	67-63-0	7.5
Dodecylbenzene sulfonic acid	68584-22-5	<5

4. First Aid Measures

Eye Contact: Flush eyes immediately with water for at least 15 minutes. Get medical attention if irritation develops.

Skin Contact: Flush skin immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

Inhalation: Remove patient to fresh air. If not breathing, give artificial respiration. Get medical attention.

Ingestion: Do not induce vomiting. Get medical attention. Do not give anything by mouth to an unconscious person. If conscious, drink large quantity of milk or water.

5. Fire-Fighting Measures

Flash Point: 111F (44C) (Closed Cup) (Does not support combustion) **Extinguishing Media:** Foam, CO₂.

6. Accidental Release Measures: Ensure suitable personal protection during removal of spillages. Spills should be contained and may be cautiously neutralized with sodium bicarbonate, or absorbed on appropriate material and placed in a container for disposal. Flush spill site with large quantities of water to a sanitary sewer. Washings should be prevented from entering surface water/storm drains. Local regulations should be observed.

7. Handling and Storage

7.1 Handling

Product will withstand an occasional accidental freezing. It must be thoroughly thawed and agitated (roll drum) before being used.

7.2 Storage

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

8. Exposure Control/Personal Protection

8.1 Occupational Exposure Limits

Isopropanol: ACGIH TLV = 200 ppm; OSHA PEL and ACGIH STEL = 500 ppm

Phosphoric acid: ACGIH TLV, OSHA PEL = 1 mg/m³; ACGIH STEL, OSHA STEL = 3 mg/m³

8.2 Personal Protection

Respirator Protection: Not required.

Eye Protection: Safety glasses or goggles.

Protective Gloves: Rubber

Other Protective Clothing and Equipment: NA

Ventilation: Adequate ventilation to maintain air concentrations below established limits.

9. Physical and Chemical Properties

Solubility in Water: Complete

Specific Gravity: Approximately 1.108

Appearance/Odor: Yellow to amber liquid/Mild and pleasant odor.

pH: (Concentrate): Approximately 1.0 **(1:256 solution):** 2.6

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatible Materials: Strong oxidizers and alkaline chemicals.

Conditions to Avoid: None known.

Hazardous Decomposition or Byproducts: Forced ignition of dried residues may produce CO_x and SO_x

11. Toxicological Information

11.1 Acute (Primary Routes of Exposure)

Eyes: Use dilution slightly irritating to eyes. Concentrate severely irritating to eyes.

Skin: Concentrate severely irritating to skin.

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

Ingestion: Oral LD₅₀ = 6,000 mg/kg (male rat); 4,330 mg/kg (female rat). Will cause upset to stomach.

11.2 Long Term Exposure

Carcinogenicity: IARC, NTP and OSHA do not list this product or its ingredients as carcinogens. 2-phenylphenol produced urinary bladder tumors in male rats and liver tumors in male mice when fed exaggerated doses.

12. Ecological Information: None available

13. Disposal Considerations

Do not contaminate ponds, waterways, or ditches with chemical or used containers. Empty containers should be rinsed thoroughly and discarded in an appropriate waste container. [Containers may be offered for reconditioning/recycling.] Empty containers should not be used for other purposes. Unused material may be a hazardous waste due to its low pH and subsequent corrosivity. Disposal of unwanted product should be done in accordance with local, state or national legislation. Product may be flushed to a sanitary sewer with copious amounts of water, if in accordance with state, local and federal regulations. For additional guidance, contact the State Water Board or the Regional Office of the EPA.

14. Transport Information

Ground/Air/Sea: Non-hazardous

15. Regulatory Information

USA State Regulations: May contain trace levels of formaldehyde.

US EPA Regulations: 2-phenylphenol subject to reporting under Section 313 of Title III (SARA) and 40 CFR 372.

16. Other Information: The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instruction or recommendations are not followed.

NA - Not Applicable ND - No Data