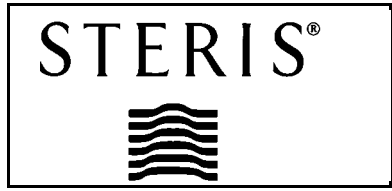


Material Safety Data Sheet  
 May be used to comply with OSHA's  
 Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.



Product Name	Product Description	Product ID
VESPHENE II SE	AQUEOUS PHENOLIC GERMICIDAL DETERGENT	6461

**SECTION I**

<b>Manufacturer's Name</b> STERIS Corporation	<b>Emergency Telephone Number</b> 1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)	<b>Health</b>	3
		<b>Fire</b>	1
<b>Address</b> P.O. Box 147 St. Louis, Missouri 63166	<b>Telephone Number for Information</b> 1-800-548-4873 (Customer Service - Healthcare Products)	<b>Reactivity</b>	0
		Least Slight Moderate High Extreme	
	<b>Date Prepared: July 1, 1999</b>	0 1 2 3 4	
<b>Prepared by: M. Ebers</b>			

**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
#2-phenylphenol (90-43-7)	9.09	N/A	N/A	
p-tertiary amylphenol (80-46-6)	7.66	N/A	N/A	
# Ingredient subject to reporting under Section 313 of Title III (SARA) and 40 CFR 372.				

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

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<b>Solubility in Water</b>	Complete	<b>Specific Gravity (H<sub>2</sub>O=1 @ 25C)</b>	1.10
<b>Freezing Point F</b>	20F	<b>% Volatile by wt @ 105C/2 hr</b>	70%
<b>pH @ 1:128 Soln</b>	10.6	<b>pH as Distributed</b>	12.3
<b>Appearance</b>	Red liquid	<b>Odor</b>	Mild and pleasant

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

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<b>Flash Point (Method Used)</b>	None to boil	<b>Flammable Limits</b>	N/A	<b>LEL</b>	<b>UEL</b>
<b>Extinguishing Media</b>	Suitable for surrounding fire: water, CO2, foam, dry chemical.				
<b>Special Fire Fighting Procedures</b>	N/A				

**SECTION V - REACTIVITY DATA**

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b> None known.
	<b>Stable</b>	X	
<b>Incompatibility (Materials to Avoid)</b>		None known.	
<b>Hazardous Decomposition or Byproducts</b>		Forced ignition of dried residues may produce CO <sub>2</sub> , CO, sulfur oxides.	
<b>Hazardous Polymerization</b>	<b>May Occur</b>		<b>Conditions to Avoid</b> None known.
	<b>Will Not Occur</b>	X	

**VESPHENE II 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 corrosive to skin and eyes.

INHALATION: Inhalation toxicity >54 ml/liter at 1:128 for 4 hours. Mists may irritate nasal passages.

INGESTION: Oral LD<sub>50</sub> (rats) 4.50 gm/kg. Causes 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. Immediately remove and wash contaminated clothing before reuse.

INHALATION: Remove to fresh air and contact a physician if irritation persists.

INGESTION: If swallowed, DO NOT INDUCE VOMITING. Drink large quantities of fluid and call a physician immediately.

**SECTION VIII - PRECAUTIONS FOR SAFE HANDLING & USE**

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<b>Spill Management:</b>	Spills may be picked up with a mop and followed by a water rinse. Small spills may be flushed to a sanitary sewer with copious amounts of water.
<b>Waste Disposal Methods:</b>	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.
<b>Precautions to be taken in handling and storage:</b>	This product will withstand an occasional accidental freezing without loss in its normal performance characteristics. It must be thoroughly thawed and agitated (roll drum) before being used.
<b>Shipping information:</b>	Not restricted

**SECTION IX - PROTECTION INFORMATION/CONTROL MEASURES**

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<b>Respiratory:</b>	None normally required.		
<b>Eyes:</b>	Safety glasses or goggles.	<b>Gloves:</b>	Rubber
<b>Other Clothing and Equipment:</b>	Mists of use-solutions may be irritating to nasal passages and lungs.		
<b>Ventilation:</b>	Normal room ventilation.		