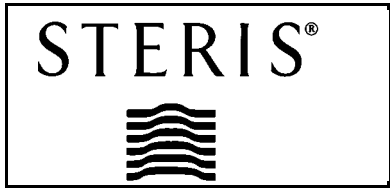


Material Safety Data Sheet  
 May be used to comply with OSHA's  
 Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.



<b>Product Name</b>	<b>Product Description</b>	<b>Product ID</b>
SEPTIHOL	ALCOHOL SOLUTION	6254

**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>	1
		<b>Fire</b>	2
<b>Address</b> P.O. Box 147 St. Louis, Missouri 63166	<b>Telephone Number for Information</b> 1-800-444-9009 (Customer Service - Scientific 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
Isopropyl Alcohol (67-63-0)	70%	400ppm	400ppm	STEL=500ppm

**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>	0.8707
<b>Freezing Point F</b>	N/AV	<b>% Volatile by wt @ 105C/1 hr</b>	100%
<b>pH @ Solution</b>	N/A	<b>pH as Distributed</b>	N/A
<b>Appearance</b>	Colorless liquid	<b>Odor</b>	Mild

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

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<b>Flash Point (Method Used)</b>	69F (Closed Cup)	<b>Flammable Limits</b>	<b>LEL</b>	2	<b>UEL</b>	12
<b>Extinguishing Media</b>	Use water fog, "alcohol" foam, dry chemical or CO <sub>2</sub> .					
<b>Special Fire Fighting Procedures</b>						
WARNING: Flammable. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH-approved self-contained breathing apparatus. Cool fire exposed containers with water.						

**Unusual Fire and Explosion Hazards**

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

**SECTION V - REACTIVITY DATA**

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<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b> None known.
	<b>Stable</b>	X	
<b>Incompatibility (Materials to Avoid)</b>		Avoid heat, sparks, flame and contact with strong oxidizing agents. Do not store or handle in aluminum equipment at temperatures above 120F.	
<b>Hazardous Decomposition or Byproducts</b>		Carbon monoxide and unidentified organic compounds may be formed during combustion.	
<b>Hazardous Polymerization</b>	<b>May Occur</b>		<b>Conditions to Avoid</b> None known.
	<b>Will Not Occur</b>	X	

# SEPTIHOL

## SECTION VI - HEALTH HAZARD DATA

### A. ACUTE (Primary Route of Exposure)

EYES: Product mists can cause eye irritation (watering).

SKIN: Can cause mild skin irritation.

INHALATION: Product mists can cause headaches and/or dizziness.

INGESTION: May cause nausea or vomiting. ORAL LD<sub>50</sub>=5.84g/kg.

**B. SUBCHRONIC, CHRONIC, OTHER:** None known.

## SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: In case of eye contact, flush with plenty of water for at least 15 minutes. Seek medical attention.

SKIN: Flush skin with water. If irritation occurs, seek medical attention.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Seek medical attention.

INGESTION: Do not give liquids if victim is unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and induce vomiting. Keep victim's head below hips while vomiting. Seek immediate medical attention.

## SECTION VIII - PRECAUTIONS FOR SAFE HANDLING & USE

<b>Spill Management:</b>	Extinguish and do not turn on any ignition source until the area is determined to be free from fire or explosion hazard. Small spills may be flushed with large amounts of water; larger spills should be collected for disposal. Prevent large quantities from entering sewers, watercourses or low areas.
<b>Waste Disposal Methods:</b>	Incinerate in a furnace where permitted under Federal, State and Local regulations. At very low concentrations, this product is biodegradable in a biological wastewater treatment plant.
<b>Precautions to be taken in handling and storage:</b>	Do not use in or near the eyes. Use in only well-ventilated area; fumes may be toxic. For external use only.
<b>Shipping information:</b>	<b>UN/DOT Specifications:</b> Isopropanol, 3, Flammable Liquid, UN 1219, PG II, LTD QTY.

## SECTION IX - PROTECTION INFORMATION/CONTROL MEASURES

<b>Respiratory:</b>	If exposure exceeds occupational exposure limits, use a NIOSH-approved respirator.		
<b>Eyes:</b>	Chemical goggles or face shield	<b>Gloves:</b>	Rubber
<b>Other Clothing and Equipment:</b>	Other clothing as required to minimize contact.		
<b>Ventilation:</b>	Local and mechanical exhaust recommended.		