

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.

STERIS®



Product Name	Product Description	Product ID
CRITI-KLENZ	LIQUID DETERGENT	1479

SECTION I		NFPA 704 HAZARD RATING	
<b>Manufacturer's Name</b> STERIS Corporation, Calgon Vestal Division	<b>Emergency Telephone Number</b> 1-314-535-1395; 1-800-424-9300	<b>Health</b>	1
<b>Address</b> P.O. Box 147 St. Louis, Missouri 63166	<b>Telephone Number for Information</b> 1-314-535-1810 (CALGON VESTAL)	<b>Fire</b>	0
	<b>Date Prepared</b> April 15, 1997	<b>Reactivity</b>	0
	<b>Prepared by:</b> M. Ebers	Least Slight Moderate High Extreme 0 1 2 3 4	

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION				
Hazardous Components (Specific Chemical Identity; Common Name(s))	% by Wt.	ACGIH TLV	OSHA PEL	Other Limits Recommended
Tetrasodium Ethylenediaminetetraacetate (64-02-8)	~ 20	None	None	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS			
<b>Solubility in Water</b>	Complete	<b>Specific Gravity (H<sub>2</sub>O=1 @ 25C)</b>	1.130-1.150
<b>Freezing Point F</b>	N/A	<b>% Volatile by wt @ 105C/1 hr</b>	80
<b>pH @ 1% Solution</b>	10.8 - 11.4	<b>pH as Distributed</b>	N/A
<b>Appearance</b>	Clear orange liquid	<b>Odor</b>	Mild chemical odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA				
<b>Flash Point (Method Used)</b>	Not flammable	<b>Flammable Limits</b>	N/A	<b>LEL</b> <b>UEL</b>
<b>Extinguishing Media</b>	Product is not flammable.			
<b>Special Fire Fighting Procedures</b>	Exercise caution when fighting any chemical fire. A self-contained breathing apparatus is essential.			
<b>Unusual Fire and Explosion Hazards</b>	None known.			

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>		Acids, strong oxidizers.	
<b>Hazardous Decomposition or Byproducts</b>		Contact with aluminum may produce hydrogen gas.	
<b>Hazardous Polymerization</b>	<b>May Occur</b>		<b>Conditions to Avoid</b> None known.
	<b>Will Not Occur</b>	X	

(21)

# CRITI-KLENZ

## SECTION VI - HEALTH HAZARD DATA

### EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects)

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

EYES: Causes eye irritation.

SKIN: The product is not a primary skin irritant. Prolonged or repeated contact may result in slight irritation.

INHALATION: Mists may irritate nasal passages.

INGESTION: The product is practically non-toxic through ingestion. The acute oral LD<sub>50</sub> (rats) is > 5g/kg.

B. SUBCHRONIC, CHRONIC, OTHER: None known.

## SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: In case of contact, flush with plenty of water for at least 15 minutes. If irritation develops, call a physician.

SKIN: In case of contact, wash affected area with plenty of water. If irritation develops, call a physician.

INHALATION: If irritation results, remove to fresh air.

INGESTION: Large quantities of material may result in upset to the stomach. Drink plenty of water and contact a physician if irritation persists.

## SECTION VIII - PRECAUTIONS FOR SAFE HANDLING & USE

<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>	Avoid contact with eyes, skin and clothing. Keep container closed. Wash thoroughly after handling. Read and observe all labeled use instructions.

## SECTION IX - PROTECTION INFORMATION/CONTROL MEASURES

<b>Respiratory:</b>	Not required.		
<b>Eyes:</b>	Safety glasses.	<b>Gloves:</b>	Frequent contact, use rubber gloves.
<b>Other Clothing and Equipment:</b>	Not required.		
<b>Ventilation:</b>	Normal room ventilation.		