

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
SPOR-KLENZ CONCENTRATE	COLD STERILANT ALIPHATIC CARBOXYLIC ACID, INORGANIC PEROXIDE, ORGANIC PEROXIDE (STRONG OXIDIZER)	6520

SECTION I

Manufacturer's Name STERIS Corporation	Emergency Telephone Number 1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)	Health	2
Address P.O. Box 147 St. Louis, Missouri 63166	Telephone Number for Information 1-800-444-9009 (Customer Service - Scientific Products)	Fire	0
	Date Prepared: August 31, 1999	Reactivity	1
	Prepared by: M. Ebers	Least Slight Moderate High Extreme 0 1 2 3 4	

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
Hydrogen Peroxide (7722-84-1)	22.0	1ppm	1ppm	
Peracetic Acid (79-21-0)	4.5	N/E	N/E	
Acetic Acid (64-19-7)	Proprietary	10ppm	10ppm	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

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Solubility in Water	Complete	Specific Gravity (H₂O=1 @ 25C)	1.13
Freezing Point F	N/A	% Volatile by wt @ 105C/1 hr	N/A
pH @ Solution	N/A	pH as Distributed	~ 1.3
Appearance	Clear, colorless liquid	Odor	Pungent

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	UEL
Extinguishing Media	Use water, foam, CO ₂ , dry chemicals.				
Special Fire Fighting Procedures	As with any chemical fire, the use of a self-contained breathing apparatus and full protective equipment is recommended. Dilute with large volumes of water.				

SECTION V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid Avoid temperatures above 75F.
	Stable	X	
Incompatibility (Materials to Avoid)		Heavy metals including iron, copper, copper alloys, brass and aluminum, salts, flammable organics, alkalis, caustics, chlorine and formaldehyde.	
Hazardous Decomposition or Byproducts		Oxygen and heat. Do not mix with chlorinated products as this could liberate toxic corrosive chlorine gas.	
Hazardous Polymerization	May Occur		Conditions to Avoid None known.
	Will Not Occur	X	

SPOR-KLENZ CONCENTRATE

SECTION VI - HEALTH HAZARD DATA

A. ACUTE (Primary Route of Exposure)

EYES: Contact with eyes may cause burns.

SKIN: May cause moderate skin irritation, including oxidation (i.e., whitening of the skin).

INHALATION: May cause irritation to mucous membranes.

INGESTION: Oral LD₅₀ (male rats) is 2.43 g/kg.

B. SUBCHRONIC, CHRONIC, OTHER: None known.

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: In case of contact, immediately flush with water for 15 minutes and get medical attention.

SKIN: For skin contact, wash with soap and water. Get medical attention if irritation persists. Remove and launder contaminated clothes before reuse.

INHALATION: Remove to fresh air.

INGESTION: Do not induce vomiting. Drink large quantities of water. Get immediate medical attention.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING & USE

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Spill Management:	Flush with large quantities of water; mop thoroughly. Do not use absorbent to soak up spill.
Waste Disposal Methods:	Dispose of in accordance with all local, state and federal regulations.
Precautions to be taken in handling and storage:	Store in a cool, dry place below 75F. Read and observe all labeled use instructions.

Shipping information:	UN/DOT Classification: Hydrogen Peroxide and Peroxyacetic Acid Mixture, 5.1, Oxidizer, Corrosive, UN 3149, PG II
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SECTION IX - PROTECTION INFORMATION/CONTROL MEASURES

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Respiratory:	Use only in well-ventilated area		
Eyes:	Safety glasses/goggles/full face shield	Gloves:	Rubber or plastic
Other Clothing and Equipment:	Rubber apron and rubber boots		
Ventilation:	Use local exhaust.		

U.S. FEDERAL REGULATIONS:

All components are listed in the Toxic Substance Control Act (TSCA) Chemical Substance Inventory. OSHA Hazardous Communication Standard (29 CFR 1910.1200) Hazardous Class: Corrosive.