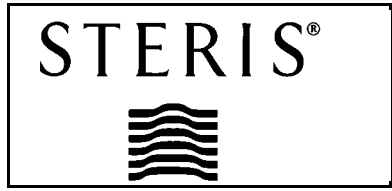


Material Safety Data Sheet
 May be used to comply with OSHA's
 Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.



Product Name	Product Description	Product ID
T.B.Q.	AQUEOUS GERMICIDAL DETERGENT	6345

SECTION I

Manufacturer's Name STERIS Corporation	Emergency Telephone Number 1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)	Health	2
		Fire	2
Address P.O. Box 147 St. Louis, Missouri 63166	Telephone Number for Information 1-800-548-4873 (Customer Service - Healthcare Products)	Reactivity	0
		Least Slight Moderate High Extreme	
	Date Prepared: July 10, 2000	0 1 2 3 4	
Prepared by: M. Ebers			

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
alkyl (50% C14, 40% C12, 10% C16)dimethyl benzyl ammonium chloride (68424-85-1)	8	N/A	N/A	
hexylene glycol (107-41-5)	<5	25ppm	25ppm	
isopropanol (67-63-0)	<10	500ppm	500ppm	
ethoxylated coco amine (61791-14-8 and 61788-46-3)	5 - 15	N/A	N/A	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

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Solubility in Water	Complete	Specific Gravity (H₂O=1 @ 25C)	0.98
Freezing Point F	~ 20F	% Volatile by wt @ 105C/1 hr	79.5%
pH @ 1:128-1:64 Solution	10.9 - 11.1	pH as Distributed	~ 12.9 - 13.0
Appearance	Straw yellow liquid	Odor	Mild, pleasant amine odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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Flash Point (Method Used)	104F (Closed Cup)	Flammable Limits	N/A	LEL	UEL
Extinguishing Media	Suitable for surrounding fire: water, CO2, foam, dry chemical.				
Special Fire Fighting Procedures	N/A				

SECTION V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid None known.
	Stable	X	
Incompatibility (Materials to Avoid)		None known.	
Hazardous Decomposition or Byproducts		Forced ignition of dried residues may product CO, CO ₂ , nitrogen oxides.	
Hazardous Polymerization	May Occur		Conditions to Avoid None known.
	Will Not Occur	X	

T.B.Q.

SECTION VI - HEALTH HAZARD DATA

A. ACUTE (Primary Route of Exposure)

EYES: Concentrate is corrosive. Acute eye application of undiluted product showed moderate/severe corneal opacity and conjunctivitis. Mild iritis: The 1:64 use solution showed no irritative effects.

SKIN: In patch tests for rabbits; undiluted product is a primary irritant. The 1:64 use-dilution scores as a primary irritant index=0.095.

INHALATION: Toxicity of rats at 1:64 for 6 hrs. @2.2ml/ft³/hr showed no effects. The gross necropsy showed pulmonary congestion.

INGESTION: Acute oral LD₅₀ (rats) 1900 mg/kg.

B. SUBCHRONIC, CHRONIC, OTHER: None known.

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

EYES: In case of contact,flush eyes with plenty of water for at least 15 minutes.Call a physician.

SKIN: In case of contact, flush skin with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before reuse.

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

INGESTION: If swallowed, drink large quantities of fluid - egg whites, gelatin solution or water; call a physician. Avoid alcohol. DO NOT induce vomiting.

SECTION VIII - PRECAUTIONS FOR SAFE HANDLING & USE

Spill Management:	Contain spill. Absorb on absorbent material and place in a D.O.T. approved container for disposal. Flush spill site with large quantities of water to a sanitary sewer.
Waste Disposal Methods:	Unused material is considered hazardous waste (EPA hazardous waste No. D002, characteristic of corrosivity) due to high pH. Product may be neutralized and flushed with large amounts of water to sanitary sewer. If the means are not available to neutralize this product, this waste must be disposed of in accordance with state, local and federal regulations. Contact your local EPA Regional Office for further guidance.
Precautions to be taken in handling and storage:	If frozen, thaw and re-mix before use. Do not use, pour, spill, store near heat or open flame. Read and observe labeled use instructions. Do not add any other chemicals to this product or its use solutions.
Shipping information:	Not restricted

SECTION IX - PROTECTION INFORMATION/CONTROL MEASURES

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Respiratory:	N/A		
Eyes:	Goggles or safety glasses	Gloves:	Rubber
Other Clothing and Equipment:	N/A		

Ventilation:	Normal room ventilation.
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