

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME</b>	SSS ROYAL TOUCH LIQUID OXYGEN BLEACH		
<b>PRODUCT CODE</b>	17006	<b>MANUFACTURED FOR</b>	Triple S
<b>ISSUE DATE</b>	04-02-2001	<b>STREET ADDRESS</b>	2 Executive Park Drive
<b>SUPERCEDES</b>	05-24-1996	<b>CITY, STATE ZIP</b>	Billerica, MA 01862
		<b>PHONE</b>	(978) 667 7900

**EMERGENCY TELEPHONE NUMBER**  
1-800-535-5053

## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	OSHA PEL/TLV	EXPOSURE LIMITS		OTHER LIMITS
			ACGIH TLV	STEL	
Hydrogen Peroxide	7722-84-1	1 ppm	1 ppm	None	N/A

## SECTION 3 – HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>	Causes severe irritation or burns to skin and eyes.
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<b>POTENTIAL HEALTH EFFECTS</b>	
<b>INGESTION</b> .....	May cause rapid evolution of gas and thus distention of esophagus or stomach, also irritation and burns.
<b>INHALATION</b> .....	Irritation.
<b>EYE CONTACT</b> .....	Irritation and burns.
<b>SKIN CONTACT</b> .....	Irritation and mild burns.

## SECTION 4 – FIRST AID MEASURES

INGESTION	Drink large quantities of water to dilute. Get immediate medical attention.
INHALATION	Remove to fresh air. If irritation or burning occurs, see a physician.
EYE CONTACT	Flush with water for 15 minutes. See a physician immediately.
SKIN CONTACT	Remove contaminated clothing. Flush skin with water. Wash clothing and shoes as soon as possible to reduce risk of fire. If irritation persists, see a physician.
NOTE TO PHYSICIAN	Treatment based on judgment of the physician in response to reactions of the patient.

## SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT / METHOD	None	FLAMMABLE LIMITS	N/A
% VOLATILE	N/A		
EXTINGUISHING MEDIA	Dry chemical, water mist, alcohol foam.		
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear a self-contained breathing apparatus as in all chemical fires.		

FIRE AND EXPLOSION  
HAZARDS

Oxidizer; evaporation may cause fire.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**RESPONSE  
TO SPILLS

Stop leak. Dilute spilled material with a large amount of water.

**SECTION 7 – HANDLING AND STORAGE**HANDLING  
PRECAUTIONSWash hands before eating.  
Keep container tightly closed when not in use.STORAGE  
PRECAUTIONS

Store in a cool, dry place. Store away from incompatible materials. Do not store in a dirty area or on wooden pallets.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIONS**

## HYGIENIC PRACTICES

Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.

## ENGINEERING CONTROLS

Use general mechanical ventilation to remove vapors at the source. Eyewash station is recommended.

	<b>RESPIRATOR</b>	Not necessary.
X	<b>GOGGLES / FACE SHIELD</b>	Required; chemical splash goggles.
	<b>APRON</b>	Not necessary.
X	<b>GLOVES</b>	Required; chemical resistant type.
X	<b>BOOTS</b>	Required.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear liquid.	BOILING POINT	>212° F
ODOR	None	VAPOR PRESSURE	N/A
PH 1%	5-6	VAPOR DENSITY	N/A
SPECIFIC GRAVITY	1.040	EVAPORATION RATE (butyl acetate=1)	<1
SOLUBILITY IN WATER	Complete		

**SECTION 10 – STABILITY AND REACTIVITY**

CHEMICAL STABILITY		<b>STABLE</b>		<b>UNSTABLE</b>	X
<b>CONDITIONS TO AVOID</b>	No special precautions beyond standard safe industrial practices.				
INCOMPATIBILITY	Heavy metals or their salt, cyanides, chromium compounds, potassium permanganate, rust dirt, dust, iron, organic materials.				
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxygen.				
POLYMERIZATION		<b>WILL NOT OCCUR</b>	X	<b>MAY OCCUR</b>	
<b>CONDITIONS TO AVOID</b>	Heat.				

**SECTION 11 – TOXICOLOGICAL INFORMATION**

## CARCINOGENICITY

THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN

X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910,Z
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## OTHER EFFECTS

<b>ACUTE</b>	Ingestion may cause rapid evolution of gas and thus distention of esophagus or stomach. Causes irritation and burns to eyes and skin.
<b>CHRONIC</b>	None known.
<b>ORAL LD/50</b>	Unknown

**SECTION 12 – DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL	Flush diluted material to sewer.
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**SECTION 13 – TRANSPORT INFORMATION**

DOT CLASSIFICATION	<b>HAZARDOUS</b>	X	<b>NOT HAZARDOUS</b>
<b>DESCRIPTION</b>	Hydrogen peroxide, aqueous solutions with not less than 8 percent but less than 20 percent hydrogen peroxide (stabilized as necessary), 5.1, UN2984, PG III.		
SEATEX HM CODE	270		

**SECTION 14 – OTHER INFORMATION**

## HMIS CLASSIFICATION

1	<b>BLUE</b>	HEALTH HAZARD
0	<b>RED</b>	FLAMMABILITY
1	<b>YELLOW</b>	REACTIVITY
Ox	<b>WHITE</b>	SPECIAL HAZARD

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