

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME</b>	SSS ROYAL TOUCH LIQUID LAUNDRY DETERGENT		
<b>PRODUCT CODE</b>	17003, 17004	MANUFACTURED FOR	Triple S
<b>ISSUE DATE</b>	03/29/01	STREET ADDRESS	2 Executive Park Drive
<b>SUPERCEDES</b>	04/24/96	CITY, STATE ZIP	Billerica, MA 01862
		PHONE	(978) 667 7900

### EMERGENCY TELEPHONE NUMBER

1-800-535-5053

## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	OSHA PEL/TLV	<u>EXPOSURE LIMITS</u>		OTHER LIMITS
			ACGIH TLV	STEL	
Nonylphenoethoxylate	9016-45-9	NE	NE	NE	NA

## SECTION 3 – HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>	Causes eye and skin irritation Harmful if swallowed Harmful if inhalation exposure limits are exceeded
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POTENTIAL HEALTH EFFECTS	
<b>INGESTION</b> .....	Irritation and damage to mucous membranes
<b>INHALATION</b> .....	Irritation and damage to mucous membranes
<b>EYE CONTACT</b> .....	Irritating and burning
<b>SKIN CONTACT</b> .....	Irritating and burning

## SECTION 4 – FIRST AID MEASURES

INGESTION	Drink large quantities of milk or water. DO NOT INDUCE VOMITING. See a physician immediately.
INHALATION	If irritation occurs leave area until mists have dissipated. If irritation persists see a physician.
EYE CONTACT	Flush with water 15 minutes. See a physician immediately.
SKIN CONTACT	Flush with water. 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	NA	FLAMMABLE LIMITS	NA
% VOLATILE	NA		
EXTINGUISHING MEDIA	Dry chemical, alcohol foam water mist,		
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear a self-contained breathing apparatus as in all chemical fires.		

FIRE AND EXPLOSION HAZARDS	None
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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

RESPONSE TO SPILLS	Stop leak. Dilute spilled material with dilute acetic acid (vinegar) to less than pH of 10.
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**SECTION 7 – HANDLING AND STORAGE**

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store In a cool dry place.

**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 required
X	<b>GOGGLES / FACE SHIELD</b>	Recommended
	<b>APRON</b>	Not required
X	<b>GLOVES</b>	Required: PVC, Neoprene, Nitrile acceptable
	<b>BOOTS</b>	Not required

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Blue Liquid	BOILING POINT	212° F.
ODOR	Citrus	VAPOR PRESSURE	NA
PH	10.0	VAPOR DENSITY	NA
SPECIFIC GRAVITY	1.060	EVAPORATION RATE (butyl acetate=1)	< 1
SOLUBILITY IN WATER	Complete		

**SECTION 10 – STABILITY AND REACTIVITY**

CHEMICAL STABILITY		<b>STABLE</b>	X		<b>UNSTABLE</b>	
<b>CONDITIONS TO AVOID</b>	Elevated temperatures					
INCOMPATIBILITY	Strong acids and oxidizing agents					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of carbon					
POLYMERIZATION		<b>WILL NOT OCCUR</b>	X		<b>MAY OCCUR</b>	
<b>CONDITIONS TO AVOID</b>	NA					

**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

## OTHER EFFECTS

<b>ACUTE</b>	Dehydration and defatting of skin. Irritation and burning to mucous membranes. Severe eye irritation
<b>CHRONIC</b>	None known
<b>ORAL LD/50</b>	Unknown

**SECTION 12 – DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL	Neutralized, diluted material may be flushed to sewer
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**SECTION 13 – TRANSPORT INFORMATION**

DOT CLASSIFICATION		<b>HAZARDOUS</b>			<b>NOT HAZARDOUS</b>	X
<b>DESCRIPTION</b>	NA					
SEATEX HM CODE	000					

**SECTION 14 – OTHER INFORMATION**

## HMIS CLASSIFICATION

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

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