

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME</b>	SSS ROYAL TOUCH PREMIUM LAUNDRY DETERGENT		
<b>PRODUCT CODE</b>	17011	MANUFACTURED FOR	Triple S
<b>ISSUE DATE</b>	06/22/01	STREET ADDRESS	2 Executive Park Drive
<b>SUPERCEDES</b>	04/06/00	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	EXPOSURE LIMITS		OTHER LIMITS
			ACGIH TLV	STEL	
Butoxyethanol	111-76-2	25 ppm	25 ppm	Not applicable	None
Nonylphenoethoxylate	9016-45-9	NE	NE	NE	NA
Dipropylene Glycol Methyl Ether	34590-94-8	100ppm	100ppm	150ppm	100ppm
Ethylene Glycol	107-21-1	50ppm	50ppm	NA	NA

## SECTION 3 – HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>	May produce eye, skin, and gastrointestinal irritation.
<b>POTENTIAL HEALTH EFFECTS</b>	
<b>INGESTION</b> .....	Irritation and central nervous system effects as noted in Section 11.
<b>INHALATION</b> .....	Irritation and central nervous system effects as noted in Section 11.
<b>EYE CONTACT</b> .....	Burns
<b>SKIN CONTACT</b> .....	Irritation, defatting of skin.

## SECTION 4 – FIRST AID MEASURES

<b>INGESTION</b>	Drink large quantities of water. <b>DO NOT INDUCE VOMITING. See a physician immediately.</b>
<b>INHALATION</b>	Remove victim to fresh air. Do not return until mists have dissipated.
<b>EYE CONTACT</b>	Flush with water for 15 minutes while holding lids open. <b>See a physician.</b>
<b>SKIN CONTACT</b>	Flush with water. Remove contaminated clothing and do not re-wear until washed. If irritation persists, see a physician.
<b>NOTE TO PHYSICIAN</b>	Treatment based on judgment of the physician in response to reactions of the patient.

## SECTION 5 – FIRE FIGHTING MEASURES

<b>FLASH POINT / METHOD</b>	>200F	<b>FLAMMABLE LIMITS</b>	None
<b>% VOLATILE</b>	NA		
<b>EXTINGUISHING MEDIA</b>	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	None

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

RESPONSE TO SPILLS	Stop leak. Dilute spilled material with large amounts of water.
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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 necessary
X	<b>GOGGLES / FACE SHIELD</b>	Required-goggles should be chemical splash type
	<b>APRON</b>	Not necessary
X	<b>GLOVES</b>	Required; chemical resistant type
	<b>BOOTS</b>	Not necessary

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Colorless	BOILING POINT	> 212° F
ODOR	Solvent	VAPOR PRESSURE	ND
pH	8.5	VAPOR DENSITY	ND
SPECIFIC GRAVITY	1.025	EVAPORATION RATE (butyl acetate=1)	<1
SOLUBILITY IN WATER	ND		

**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	None					
POLYMERIZATION		<b>WILL NOT OCCUR</b>	X		<b>MAY OCCUR</b>	
<b>CONDITIONS TO AVOID</b>	None					

**SECTION 11 – TOXICOLOGICAL INFORMATION**

## CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
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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>	Central nervous system depression, headache, nausea, dizziness, and coughing. Sever irritation to eyes and will defat skin on repeated and prolonged contact.
<b>CHRONIC</b>	Chronic exposure to butoxyethanol may cause damage to the liver, kidney, and blood forming organs.
<b>ORAL LD/50</b>	Unknown

**SECTION 12 – DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL	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
1	<b>RED</b>	FLAMMABILITY
0	<b>YELLOW</b>	REACTIVITY
Alk	<b>WHITE</b>	SPECIAL HAZARD

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