

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME</b>	SSS SPARKLE MATE LOW TEMP DETERGENT		
<b>PRODUCT CODE</b>	17027	MANUFACTURED FOR	Triple S
<b>ISSUE DATE</b>	04/25/01	STREET ADDRESS	2 Executive Park Drive
<b>SUPERCEDES</b>	03/21/01	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	
Potassium Hydroxide	1310-58-3	2 mg/m <sup>3</sup>	2 mg / m <sup>3</sup>	NE	NA

## SECTION 3 – HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>	Causes severe burn. Harmful if swallowed.
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<b>POTENTIAL HEALTH EFFECTS</b>	
<b>INGESTION</b> .....	Severe burns to oral and gastric mucus.
<b>INHALATION</b> .....	Severe burns to mucous membranes.
<b>EYE CONTACT</b> .....	Severe burns.
<b>SKIN CONTACT</b> .....	Severe burns.

## SECTION 4 – FIRST AID MEASURES

INGESTION	Drink large quantities of milk or water. DO NOT INDUCE VOMITING. See a physician immediately.
INHALATION	If mists are produced or if respiratory irritation occurs, leave area and do not return until mists are dispersed. If irritation persists, see a doctor.
EYE CONTACT	Flush with water for 15 minutes. See a physician immediately.
SKIN CONTACT	Flush with large amounts of water. If irritation continues, 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 °F    NA	FLAMMABLE LIMITS	NA
% VOLATILE	NA		
EXTINGUISHING MEDIA	Water mist, dry chemical, CO <sub>2</sub> , alcohol foam.		
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear a self-contained breathing apparatus as in all chemical fires.		
FIRE AND EXPLOSION HAZARDS	Concentrate will react with aluminum or zinc.		

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

Stop leak. Dilute material spilled with diluted acetic acid (vinegar) to less than pH 10.

**SECTION 7 – HANDLING AND STORAGE**HANDLING  
PRECAUTIONS

Wash hands before eating.  
Keep container tightly closed when not in use.

STORAGE  
PRECAUTIONS

Store in a dry, cool place.

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

## HYGIENIC PRACTICES

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

## ENGINEERING CONTROLS

No special ventilation requirements.  
\*\* OR \*\*  
Use general mechanical ventilation to remove vapors at the source.  
Eyewash station is recommended.  
\*\* OR \*\*  
Use local exhaust to remove vapors at the source. Eyewash station recommended.

	<b>RESPIRATOR</b>	Not required
X	<b>GOGGLES / FACE SHIELD</b>	Required; goggles should be chemical splash type.
	<b>APRON</b>	Not required
X	<b>GLOVES</b>	Required; gloves should be PVC, Neoprene.
	<b>BOOTS</b>	Not required

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Slightly red clear liquid	BOILING POINT	220° F
ODOR	No apparent odor.	VAPOR PRESSURE	NA
pH	>13	VAPOR DENSITY	NA
SPECIFIC GRAVITY	1.28	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>	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Strong acids					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of carbon.					
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
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>	Cause severe burns to skin, eyes, mucous membranes and gastric mucosa.
<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>	Corrosive liquid, n.o.s. (contains potassium hydroxide), 8, UN 1760, P.G. II.				
SEATEX HM CODE	170				

**SECTION 14 – OTHER INFORMATION**

## HMIS CLASSIFICATION

2	<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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