

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME</b>	SSS SPARKLE MATE METAL SAFE DISHMACHINE DETERGENT		
<b>PRODUCT CODE</b>	17042	MANUFACTURED FOR	Triple S
<b>ISSUE DATE</b>	06-28-2002	STREET ADDRESS	2 Executive Park Drive
<b>SUPERCEDES</b>	01-02-2001	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	
Sodium dichloroisocyanurate dihydrate	51580-86-0	NE	NE	NE	N/A
Sodium metasilicate	6834-92-0	NE	NE	NE	NA

## SECTION 3 – HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>	Causes eye and some skin irritation Harmful if swallowed Harmful if inhalation exposure limits are exceeded.
---------------------------	--

<b>POTENTIAL HEALTH EFFECTS</b>	
<b>INGESTION</b> .....	Irritation of mucous membranes
<b>INHALATION</b> .....	Irritation of mucous membranes
<b>EYE CONTACT</b> .....	Over exposure may cause severe irritation.
<b>SKIN CONTACT</b> .....	Over exposure may cause severe irritation.

## SECTION 4 – FIRST AID MEASURES

INGESTION	Drink large amounts of water or milk. DO NOT INDUCE VOMITING. See a physician immediately.
INHALATION	If difficulty in breathing occurs, leave area immediately and do not return until dust has settled. If irritation persists see a physician.
EYE CONTACT	Flush eyes with water for at least 15 minutes. See a physician immediately.
SKIN CONTACT	Flush skin with water. Remove contaminated clothing and do not re-wear until washed. 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	N/A	FLAMMABLE LIMITS	N/K
% VOLATILE	N/A		

PRODUCT	METAL SAFE DISHMACHINE DETERGENT	CODE	SEA13826
---------	-------------------------------------	------	----------

EXTINGUISHING MEDIA	Water mist, alcohol foam, dry chemical
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	Sweep up and collect spilled material taking care not to raise dust.
--------------------	--

### SECTION 7 – HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in 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 if dusting does not occur. NIOSH mask if needed.
X	<b>GOGGLES / FACE SHIELD</b>	Required: goggles should be chemical splash type
	<b>APRON</b>	Not required
X	<b>GLOVES</b>	Required: PVC, Neoprene or Nitrile acceptable
	<b>BOOTS</b>	Not required

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	White powder	BOILING POINT	N/A
ODOR	N/A	VAPOR PRESSURE	N/A
pH	N/A	VAPOR DENSITY	N/A
SPECIFIC GRAVITY	N/A	EVAPORATION RATE (butyl acetate=1)	N/a
SOLUBILITY IN WATER	N/A		

### SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY		<b>STABLE</b>	X		<b>UNSTABLE</b>	
<b>CONDITIONS TO AVOID</b>	Moisture, elevated temperatures					
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>						

PRODUCT	METAL SAFE DISHMACHINE DETERGENT	CODE	SEA13826
---------	-------------------------------------	------	----------

**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>	Dust is irritating to eyes and mucous membranes
<b>CHRONIC</b>	None known
<b>ORAL LD/50</b>	Unknown

**SECTION 12 – DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL	Flush diluted material to sewer.
----------------	----------------------------------

**SECTION 13 – TRANSPORT INFORMATION**

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

**SECTION 14 – OTHER INFORMATION**

## HMIS CLASSIFICATION

2	<b>BLUE</b>	HEALTH HAZARD
0	<b>RED</b>	FLAMMABILITY
0	<b>YELLOW</b>	REACTIVITY
None	<b>WHITE</b>	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Triple S in connection with the use of this information.