

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	SSS ROYAL TOUCH SOLID ENZYME LAUNDRY		
PRODUCT CODE	17026	MANUFACTURED FOR	Triple S
ISSUE DATE	05/03/01	STREET ADDRESS	2 Executive Park Drive
SUPERCEDES	10/28/94	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 Metasilicate	6834-92-0	NA	NA	NA	NA
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³	NA	NA

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Irritation to mucous membranes, eyes, and gastric mucosa.
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POTENTIAL HEALTH EFFECTS	
INGESTION	Burning and irritation to mucous membranes. Gas production in stomach.
INHALATION	Mists may produce irritation to respiratory mucosa.
EYE CONTACT	May irritate eyes.
SKIN CONTACT	May irritate skin.

SECTION 4 – FIRST AID MEASURES

INGESTION	Drink water or milk. DO NOT INDUCE VOMITING. If gastric irritation persists, see a physician.
INHALATION	If irritating mists are produced, leave area and do not return until mists have dissipated. If irritation persists, see a physician.
EYE CONTACT	Flush with water for at least 15 minutes. If irritation persists, see a physician.
SKIN CONTACT	Rinse with water after use.
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	0.5		
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	None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Sweep up, taking care not to produce dust. Sweeping may be disposed of as hazardous waste.
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SECTION 7 – HANDLING AND STORAGE

HANDLING PRECAUTIONS	Should be used only with dispensing equipment. Wear rubber gloves if contact is to be made with solid or solution Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Keep containers closed when not in use

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.

	RESPIRATOR	Not required
	GOGGLES / FACE SHIELD	Not required
	APRON	Not required
X	GLOVES	Gloves should be rubber
	BOOTS	Not required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Cast solid with blue pebbled surface	BOILING POINT	NA
ODOR	Lavender fragrance	VAPOR PRESSURE	NA
pH 1%	>11.5	VAPOR DENSITY	NA
SPECIFIC GRAVITY	NA	EVAPORATION RATE (butyl acetate=1)	NA
SOLUBILITY IN WATER	NA		

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	Elevated temperatures					
INCOMPATIBILITY	Strong oxidizing acids					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of carbon					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID						

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

ACUTE	Irritation to mucous membranes, eyes, and gastric mucosa
CHRONIC	None known
ORAL LD/50	Unknown

SECTION 12 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Residual material may be flushed to the sewer with water.
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SECTION 13 – TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION	NA					
SEATEX HM CODE	000					

SECTION 14 – OTHER INFORMATION

HMIS CLASSIFICATION

1	BLUE	HEALTH HAZARD
0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
Alk	WHITE	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.