

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME</b>	SOLID ENZYME LAUNDRY DETERGENT		
<b>PRODUCT CODE</b>	21270	<b>DISTRIBUTOR</b>	Myers Supply, Inc.
<b>ISSUE DATE</b>	05/03/01	<b>STREET ADDRESS</b>	831 Third St.
<b>SUPERCEDES</b>	10/28/94	<b>CITY, STATE ZIP</b>	Hot Springs, AR 71913
		<b>PHONE</b>	(501) 623-7742

### EMERGENCY TELEPHONE NUMBER

1-888-627-8740

## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

### EXPOSURE LIMITS

HAZARDOUS INGREDIENTS	CAS No.	OSHA PEL/TLV	ACGIH TLV	STEL	OTHER LIMITS
Sodium Metasilicate	6834-92-0	NA	NA	NA	NA
Sodium Hydroxide	1310-73-2	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	NA	NA

## SECTION 3 – HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW** Irritation to mucous membranes, eyes, and gastric mucosa.

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

## SECTION 11 – TOXICOLOGICAL INFORMATION

### CARCINOGENICITY

X	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
	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>	Irritation to mucous membranes, eyes, and gastric mucosa
<b>CHRONIC</b>	None known
<b>ORAL LD/50</b>	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		<b>HAZARDOUS</b>	<b>NOT HAZARDOUS</b>	X
<b>DESCRIPTION</b>	NA			
<b>HM CODE</b>	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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