

## SECTION I – PRODUCT IDENTIFICATION

Luseaux Laboratories, Inc.  
16816 S. Gramercy Pl.  
Gardena, Ca. 90247

Emergency Telephone No:  
Chem Trec 1-800-424-9300

Product Name: ZAP Laundry Detergent  
Date Prepared: 01/02/09

Information Telephone No:  
928-692-0192

Hazard Rating: Health-2; Fire-0, Reactivity-0; Special-None.  
(Hazard Rating Scale: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimal)

## SECTION II – HAZARDOUS INGREDIENT/IDENTITY INFORMATION

NAME	OSHA PEL	ACGIH TLV	OTHER	%**
Sodium Dodecylbenzene Sulfonate CAS No. 25155-30-0 EPA Reportable Quantity: 1000 lbs	Not established			
Anhydrous Sodium Metasilicate CAS No. 6834-92-0	Not established			
Sodium Carbonate CAS No. 497-19-8	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		

This product does not contain substances subject to Section 313 of Sara Title III. \*\*optional

## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	n/a
VAPOR PRESSURE:	n/a
VAPOR DENSITY (Air=1):	n/a
SPECIFIC GRAVITY (H <sub>2</sub> O=1)	Bulk density = approx. 60lbs/ft <sup>3</sup>
MELTING POINT:	Unknown
EVAPORATION RATE:	n/a
SOLUBILITY IN WATER:	Moderately soluble
APPEARANCE AND ODOR:	Light blue granular powder; lemon scent
pH 1% SOLUTION:	Approx: 11.6

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not flammable
EXTINGUISHING MEDIA:	Use media suitable for surrounding materials.
FIRE FIGHTING PROCEDURES:	Fire fighters should wear self-contained breathing apparatus & protective clothing when fighting chemical fires.
FIRE & EXPLOSION HAZARDS:	This material will make floors slippery when wet. Carbon dioxide will be liberated at temperatures above 1000 degrees C.

## SECTION V – REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	None known
INCOMPATIBILITY:	Will react violently with strong acids liberating CO <sub>2</sub> .
HAZARDOUS DECOMPOSITION:	n/a
HAZARDOUS POLYMERIZATION:	Will not occur

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**SECTION VI – HEALTH HAZARD DATA**

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ROUTE OF ENTRY:    INHALATION: improbable    SKIN: yes    INGESTION: yes

HEALTH HAZARDS: Sodium Dodecylbenzene Sulfonate is identified as an irritant to eyes, skin, and respiratory tract under criteria of OSHA Hazard Communication Standard 29 CFR 1916.1200. Strong irritant or corrosive to eyes. May be harmful if swallowed. Prolonged contact with skin may be irritating.

CARCINOGENICITY:    NTP? N/A    IARC MOHOGRAPHS? N/A    OSHA REGULATED? n/a

SIGNS AND SYMPTOMS OF EXPOSURE: Tearing, blurred vision and pain from eye contact. Burning of the mouth and digestive tract from ingestion. Redness and irritation from prolonged skin contact.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing conditions of eyes or skin will be aggravated by contact with this material or its solutions.

EMERGENCY AND FIRST AID PROCEDURES: For eye contact, wash immediately with running water for 15 minutes. Get medical attention. If ingested, dilute by drinking several glasses of water. Consult a physician. Never give anything by mouth to an unconscious or convulsing person. For skin contact, flush thoroughly with water. Seek medical attention if symptoms persist.

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**SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear eye protection and rubber gloves. Sweep up small spills or flush to a sanitary sewer. Recoup useable material from large spills. Sweep up contaminated material and place into containers for disposal.

WASTE DISPOSAL METHOD: Dispose of in accordance with all Local, State, and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers closed when not in use. Keep material dry.

OTHER PRECAUTIONS: Prop. 65 Warning: this product may contain a trace amount of one or more of the chemicals on the California list of known carcinogens or substances known to cause birth defects or other reproductive harm. These are not added to the product but occur naturally in the raw materials or processing equipment. DOT SHIPPING NAME: Non-regulated material

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**SECTION VIII – CONTROL MEASURES**

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RESIRATORY PROTECTION:	Not normally required
VENTILATION:	Natural
PROTECTIVE GLOVES:	Rubber or vinyl gloves for susceptible individuals
EYE PROTECTION:	Chemical goggles or glasses
OTHER PROTECTION:	Not normally required
WORK/HYGENIC PRACTICES:	Wash and dry hands thoroughly after use.

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