

# MATERIAL SAFETY DATA SHEET

Trade Name: Laundry Detergent with Oxygen Bleach #8790

Prepared: August 28, 2000

Revised: March 2004

## Section I - Source Information

Manufacturer's Name: Michigan State Industries, Inc.  
Address: Ryan Correctional Facility  
Emergency Phone: (313) 368-3200 x51412  
(800) 222-1222 Poison Control  
Technical Information: (313) 368-3200 x51412  
Chemical Name: Detergent

## Section II - Hazardous Ingredients/Identify Information

Hazardous Components	CAS No.	OSHA PEL*	ACGIH TLV*
Sodium Sulphate	7757-82-6	Not determined	
Sodium Carbonate	497-19-8	Not determined	
Sodium Tripolyphosphate	7758-29-4	Not determined	
Sodium Metasilicate	6834-92-0	Not determined	
Sodium Carboxymethyl Cellulose	9004-32-4	Not determined	
Sodium Percarbonate	4452-58-8	Not determined	

\*Exposure limits expressed as eight-hour time-weighted average concentrations in parts of contaminant per million parts of air by volume(ppm). "Other Limits" are recommended by the National Institute for Occupational Safety and Health (NIOSH) and are time-weighted over ten hours unless otherwise specified.

## Section III - Physical/Chemical Characteristics

Boiling Point:N/A Specific Gravity:  
Vapor Pressure: N/A Vapor Density: N/A  
Evaporation Rate: (Ethyl Ether =1): N/A Solubility in Water:  
Appearance and Color: White granular powder

## Section IV- Fire and Explosion Hazard Data:

Flash Point: N/A Flammable Limits: LEL: N/A UEL: N/A  
Extinguishing Media: Water, Carbon dioxide, foam  
Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus and protective clothing.  
Unusual Fire and Explosion Hazards:

NFPA 704

Health -	1	HAZARDS 4 - Extreme 3 - Severe 2 - Moderate 1 - Slight 0 - None
Fire -	0	
Reactivity-	1	

## Section V - Reactivity Data:

Stability: STABLE  
Incompatibility (Conditions to avoid):  
Hazardous Polymerization:  
Hazardous Decomposition Products:

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**Section VI - Health Hazard Data:**

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Routes of Entry: Contact

Health Hazards: *Acute:* Irritation

*Chronic:*

*Target Organs:* Skin, Eyes

Carcinogenicity: *NTP:* No                      *IARC:* No                      *OSHA:* No

Signs and Symptoms of Exposure: Irritation to mucous membranes

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedures:

*Eye:* If this product contacts the eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention immediately.

*Swallow:* If this product has been swallowed, get medical attention immediately.

*Skin:* If this product contacts the skin, immediately flush the contaminated skin with water. If this product penetrates the clothing, immediately remove the clothing and flush the skin with water. Get medical attention promptly.

*Breathing:* If a person breathes large amounts of this product, move the exposed person to fresh air at once. Other measures are usually unnecessary.

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**Section VII - Precautions for Safe Handling and Use**

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Steps to be taken in Case of Material Release or Spill: Collect spilled material, dispose of non-useable material, properly.

Waste Disposal Method: This product is not listed in the federal hazardous waste regulations 40CFR 261.33, paragraphs (e) or (f), i.e. chemical products that are considered hazardous if they become wastes. It does not exhibit any of the hazardous characteristics listed in 40CFR 261, Subpart C. State or local hazardous waste regulations may apply if different from federal.

Precautions to be taken in Handling and Storing:

Other Precautions:

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**Section VIII - Control Measures:**

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Respiratory Protection:

Ventilation: Local ventilation

Protective Gloves: Protective

Eye Protection: Goggles

Other Protective Clothing or Equipment:

Work/Hygienic Practices:

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**Section IX-Additional Information:**

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DOT Shipping Name:

Hazard Class:

This product contains the following compounds which are subject to the reporting requirements of Section 313 of Title III of SARA and 40 CFR 372:

<u>Constituent</u>	<u>CAS #</u>	<u>Concentration</u>
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None

This notification of reporting requirements cannot be removed from this MSDS and the copying and redistribution of this document must include this notice.

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originated with Michigan State Industries, Inc. or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.