

# MATERIAL SAFETY DATA SHEET

Trade Name: Power Capsule, Non-Phosphate - #8794

Prepared: September 19, 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

<u>Hazardous Components</u>	<u>CAS No.</u>	<u>OSHA PEL*</u>	<u>ACGIH TLV*</u>
Trisodium Citrate Dihydrate	1310-73-2	Non-Hazardous	
Sodium Metasilicate	6834-92-0	Not established	Not established
Sodium Dichloro-S-Triazinetrione	2893-78-9	Not established	Not established

\*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: No Data  
Vapor Pressure: N/A Vapor Density: N/A  
Evaporation Rate: (Butyl Acetate = 1): N/A  
Solubility in Water: Complete  
Appearance and Color: White powder, chlorine odor

## Section IV- Fire and Explosion Hazard Data:

Flash Point: N/A Flammable Limits: LEL: N/A UEL: N/A  
Extinguishing Media: Material is not combustible, foam  
Special Fire Fighting Procedures: Wear protective clothing when any material is involved in a fire.  
Unusual Fire and Explosion Hazards: None known.

NFPA 704

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

## Section V - Reactivity Data:

Stability: STABLE  
Incompatibility (Conditions to avoid): aluminum, fluorine, zinc, acids.  
Hazardous Polymerization: Will not occur.  
Hazardous Decomposition Products: None known.

**Section VI - Health Hazard Data:**

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Routes of Entry: Inhalation, skin and eye contact, ingestion

Health Hazards:

*Acute and Chronic:* Acute - corrosive to all body tissues by all routes of exposure. Inhalation may cause upper respiratory tract irritation, dizziness, headache, serious damage to lung tissue and respiratory tract. Chronic - none known.

Carcinogenicity: NTP: No IARC: No OSHA: No

Signs and Symptoms of Exposure: Dizziness, irritation

Emergency and First Aid Procedures:

- Eye:* Immediately flush eyes with large amounts of water for at least 15 minutes holding lids apart to ensure flushing of the entire surface. Washing eyes within several seconds is essential to achieve maximum effectiveness. Get medical attention.
- Swallow:* Never give anything by mouth to an unconscious person. Do not induce vomiting. Give 2-3 glasses of water to drink. Seek immediate medical attention. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs spontaneously give water to further dilute the chemical.
- Skin:* Immediately wash contaminated areas with plenty of water for at least 15 minutes. Remove contaminated clothing and footwear and wash clothing before reuse. Discard footwear which cannot be decontaminated. Get medical attention.
- Inhalation:* Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, give mouth-to-mouth resuscitation. Get medical attention immediately.

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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: Only trained personnel equipped with protective gloves, shoes and clothing should be permitted in the area. Keep the material dry and shovel or sweep up material after all visible material has been removed. Flush area with large amounts of water.

Waste Disposal Method: Dispose of dry residues in an approved hazardous waste management facility in accordance with local, state and federal regulations.

Precautions to Take in Handling and Storing: Do not get in eyes, on skin, on clothing. Avoid breathing dust, mists, or spray. Do not take internally. Use with adequate ventilation and wear respiratory protection when exposure to dust, mist or spray is possible. When handling, wear chemical splash goggles, face shield, rubber gloves and protective clothing. Wash thoroughly after handling. Store product in a cool, dry area.

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**Section VIII - Control Measures:**

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Respiratory Protection: Not required during normal use of product,

Ventilation: Use adequate ventilation.

Protective Gloves: Rubber or PVC.

Eye Protection: OSHA approved chemical safety goggles with full face shield.

Other Protective Clothing or Equipment: Rubber apron, PVC clothing, eye bath.

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**Section IX-Additional Information:**

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DOT Shipping Name: N/A

Hazard Class: N/A

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>
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.