

MATERIAL SAFETY DATA SHEET

Trade Name: Granular Machine Dishwashing Detergent #8779

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

<u>Hazardous Components</u>	<u>CAS No.</u>	<u>OSHA PEL*</u>	<u>ACGIH TLV*</u>
Sodium Tripolyphosphate	13573-18-7	None	
Sodium Metasilicate	6834-92-0	None	
Sodium Carbonate	497-19-8	None	

*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

<u>Boiling Point:</u>	N/A	<u>Specific Gravity:</u>	0.95
<u>Vapor Pressure:</u>	N/A	<u>Vapor Density:</u>	N/A
<u>Evaporation Rate: (Ethyl Ether =1):</u>	N/A	<u>Solubility in Water:</u>	100%
<u>Appearance and Color:</u>	White granular material with mild odor		

Section IV- Fire and Explosion Hazard Data:

Flash Point: N/A Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media:
Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazards: None Known

Section V - Reactivity Data:

Stability: STABLE
Incompatibility(Conditions to avoid): Strong oxidizers,
Hazardous Polymerization: None known
Hazardous Decomposition Products: When heated to decomposition may emit toxic vapors, of Cl⁻, NaO, Na₂O.

Section VI - Health Hazard Data:

Routes of Entry: Contact, ingestion

Health Hazards: *Acute:* Eye and skin irritation particularly on wet skin, gastrointestinal irritation

Chronic: None Known

Target Organs: Eyes, Wet Skin

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

Signs and Symptoms of Exposure: Ingestion may cause ulceration and stomach bleeding, gastrointestinal irritation, salivation, lacrimation, dyspnea, weakness, emaciation, lethargy, diarrhea and coma.

Medical Conditions Generally Aggravated by Exposure: No data

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: Get medical attention immediately

Skin: Flush overexposed skin with water

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

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case of Material Release or Spill: Collect spilled material, dispose of unuseable product 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: Keep Dry

Other Precautions: None

Section VIII - Control Measures:

Respiratory Protection: Not required under normal conditions.

Ventilation: Not required under normal conditions.

Protective Gloves: Not required under normal conditions.

Eye Protection: Not required under normal conditions.

Other Protective Clothing or Equipment: Not required under normal conditions.

Work/Hygienic Practices: Wash hands after use

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Section IX-Additional Information:

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.