

MATERIAL SAFETY DATA SHEETS
(MSDS)

ITEM NUMBER: 0450015 - **LOW TEMPERATURE DISHMACHINE DETERGENT**
IDENTITY (As Used On Label and List): **LOW TEMPERATURE DISHMACHINE**

Emergency Medical Telephone Number 800-255-3924 **(24 HRS)** DMS # 124

PRODUCT HAZARD RATINGS: - Health = 3, Fire = 0, Reactivity = 1, Protective Equipment = *B (HMIG)
(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

Section 1

DETERGENT MARKETING SYSTEMS, INC. TELEPHONE NUMBER FOR INFORMATION: 630-859-8200
900 RATHBONE AVENUE
AURORA, IL 60506 DATE REVISED: 03/05/2003
NAME OF PREPARER: Mike Gasteier

Section II - Hazardous Ingredients/Identity Information

Components are listed in this section if they present a physical or health hazard and are present at or above 1% in the mixture. If a component is identified as a CARCINOGEN by NTP, IARC, or OSHA as of the date of the MSDS, it will be listed and footnoted in this section when present at or above 0.1% in the product. Negative conclusions concerning carcinogenicity are not reported. Additional health information may be found in Section V. Components subject to the reporting requirements of Section 313 of SARA Title III are identified in the footnotes in this section, along with typical percentages. Other components may be listed if deemed appropriate.

Exposure recommendations are for components. OSHA Permissible Exposure Limits (PELS) and American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (TLV's) appear on the line with the component identification. Other recommendations appear as footnotes.

Chemical Names	Exposure Limits (LD50-Oral Rat)	Sara Title III SEC 313	ACGIH TLV/TWA	OSHA PEL	% By Wt.
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Potassium Hydroxide (CAS # 1310-58-3)			2MG/M3	2mg/m3	45%
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Section III - Physical Characteristics

Boiling Point: N/A	Vapor Pressure (psig): N/A	Specific Gravity (H2O=1): Approx. 1.15
Solubility/Water: Complete	Vapor Density (AIR = 1): N/A	Evaporation Rate (Ether=1): about the same
Appearance and Odor: Clear RED/None		

Section IV - Fire and Explosion Hazard Data

Flash Point (TCC): None
Flammable Limits - NF
Extinguishing Media: Water/Dry Chemical.
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None.

Section V - Reactivity Data

Stability: Stable
Incompatibility (Materials to Avoid): Acids, Oxidizers
Hazardous Decomposition Products: None
Conditions to Avoid: None known

Section VI - Health Hazards

Routes of entry - skin, eyes, ingestion, inhalations

Signs and Symptoms of Exposure: Can cause irritation to eyes.

Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures:

Eyes: In case of contact, immediately flush eyes with plenty of water. Contact a physician if irritation persists.

Skin: Rinse with water.

If swallowed: Drink large quantities of water. Call a physician.

Section VII - Precautions for Safe Handling and Use

Releases or Spilled: Soak up spill with an absorbent mop with water.

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.

Handling and Storing: Wash after handling. Do not get in eyes, on skin or clothing.

Other Precautions: Do not mix with other chemicals.

Section VIII - Employee Protection

Respiratory Protection: (Type): None required.

Ventilation: Normal

Protective Gloves: Not required with normal usage.

Eye Protection: Not required with normal usage.

Other Protective Clothing or Equipment: None

Section IX - Other Regulatory Controls

Governmental Listings: Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

Section X - Transportation (D.O.T. Classification)

DOT Class: Corrosive Liquid N.O.S. (Containing Potassium Hydroxide), NA 1760

KEEP OUT OF REACH OF CHILDREN

NG - Negligible NA - Not Applicable NE - Not Established UN - Unavailable ND - Not Determined

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