MATERIAL SAFETY DATA SHEETS (MSDS)

ITEM NUMBER: 0700041- LIQUID LAUNDRY PRE-SPOTTER

IDENTYITY (As Used On Label and List): LIQUID LAUNDRY PRE-SPOTTER

Emergency Medical Telephone Number 800-255-3924 (24 HRS) DMS# 157

PRODUCT HAZARD RATINGS: - Health = 3, Fire = 3, 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:

900 RATHBONE AVENUE 630-859-8200

AURORA, IL 60506 DATE REVISED: 04/16/03

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 as 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. Negaive conclusions concerning carcinogenicity are not reported. Additional health information may be found in Section V. Components subject of 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.

Cnemical Names	(LD50-Oral Rat)	SEC 313	TLV/TWA	PEL	by wt.	
Sodium Hydroxide (CAS # 1310-72-2	 2)		2mg/m3	2mg/m3	2-7%	

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Specific Gravity (H20=1): 1.07

Evaporation Rate (Ether=1): About the same

pH: 13.5

Section III - Physical Characteristics Boiling Point: N/A

Vapor Pressure (mmHG): N/A Solubility/Water: Complete Vapor Density (AIR = 1): N/A

Apperance and Odor: Clear

Section IV - Fire and Explosion Hazard Data

Flash Point (TCC): None Flammable Limits - NF **Extingusing Media:** None

Special Fire Fighting Procedures: None **Unusual Fire and Explosion Hazards:** None

Section V - Reactivity Data

Stability: Stable

Incompatibility (Materials to Avoid): Acids; oxidizers; reducers

Hazardous Decomposition Products: None known Conditions to Avoid: Do not store above 54C - 130F.

Section VI - Health Hazards

Routes of entry - skin, eyes, ingestion, inhalations

Signs and Symptoms of Exposure : Severe skin contact may cause irritations and burns. Possible skin absorbation. eye contact may cause severe or permanent damage. Ingestion: Do not induce vomiting. Drink milk or water.

Medical Conditions Generally Aggravated by Exposure: Preexisting skin or eye disorders may be aggravated by exposure to this product.

Emergency and First Aid Procedures: Inhalation: Remove victim to fresh air and restore breathing if necessary. Stay with victim until arrival of emergency medical personnel. In case of eye contact, flush immediately with large amounts of water for 15 minutes. If irritation persists, seek medical attention. Skin: Remove contaminated clothing. Wash affected area with soap and water. If irritation persists, consult a physician. Ingestion: Get immediate medical attention.

Section VII - Precautions for Safe Handling and Use

Releases or Spilled: Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

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: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

Section VIII - Employee Protection

Respiratory Protection: *(Type):* None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure. **Ventilation:** Local exhaust is adequate under normal conditions, mechanical ventilation is optional.

Protective Gloves: Rubber gloves

Eve Protection: Chemical safety goggles

Other Protective Clothing or Equipment: Wear impervious clothing to prevent skin contact. Work/Hygienic Practices: Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1910.133.

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: Not D.O.T. regulated

KEEP OUT OF REACH OF CHILDREN

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

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