



LOW TEMP DISHMACHINE DETERGENT

PRODUCT DESCRIPTION

A liquid non-chlorinated mechanical dishwashing detergent to be used in low temperature dish machine where chlorine is being used as the sanitizing agent in the final rinse.

This product works well in soft to medium-hard water and is excellent in removing stubborn food solids. Rinses freely without filming to provide sparkling clean tableware.

USE DIRECTIONS

1. Open container.
2. Insert detergent pickup tube from dishmachine into container.
3. Detergent is then automatically dispensed into the machine as needed
4. When container is empty, replace with a new supply of product.

CAUTION: NOT FOR MANUAL USE. DO NOT MIX WITH ACID DETERGENTS.

PRODUCT SPECIFICATIONS

Color.....Bright Red
Odor.....Mild
Foam.....None
pH(1.0% solution).....12.0 + 1.0
Phosphorus Content.....Trace
Characteristics.....Non-viscous liquid
Rinsability.....Excellent
Flammability.....No hazard
Primary Hazard.....Potassium hydroxide

FORMULA INFORMATION

Contains potassium hydroxide, water conditioners and grease emulsifiers.

SAFETY PRECAUTIONS

DANGER! Harmful if swallowed. Causes severe burns to eyes and skin.
KEEP OUT OF REACH OF CHILDREN.

STATEMENT OF

If swallowed: Do not induce vomiting. Give large amounts of water or milk and call a physician

PRACTICAL TREATMENT

IMMEDIATELY.

For eye contact: Flush with cool running water for 15 minutes and call a physician

IMMEDIATELY.

For skin contact: Flush with cool water for 15 minutes and call a physician immediately.

SHIPPING CLASSIFICATION

Compound, cleaning, liquid containing Sodium Hydroxide.
Corrosive Material. NA 1760

PACKAGING

Packed in 2/1 gallon cases and 5 gallon pails. Reorder # 636326, 636322

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

Section I

DETERGENT MARKETING SYSTEMS, INC. TELEPHONE NUMBER FOR INFORMATION:
900 RATHBONE AVENUE 630-859-8200
AURORA, IL 60506 DATE REVISED: 03/05/2007
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.
Potassium Hydroxide (CAS # 1310-58-3)			2MG/M3	2mg/m3	45%

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 pH: 13.0

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: Compound, Cleaning Liquid (Containing Potassium Hydroxide (Caustic Potash)), NA 1760

KEEP OUT OF REACH OF CHILDREN

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

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.