

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Information

Product #: MW 3234
 Product Name: Best Dish Lo Temp
 Product Use: Dishmachine Detergent Concentrate
 Distributor Name: Midlab, Inc.
 Distributor Address: 140 Private Brand Way
 Athens, TN 37303
 Emergency Phone #: 1-800-535-5053 Infotrac 24 hours
 Date Prepared/Updated: 8-8-11

Hazardous Material Information System (HMIS)

Health: 3
 Fire Hazard: 0
 Reactivity: 1
 Precautionary Label Statements: Danger Corrosive Liquid

Section 2. Composition and Information on Ingredients

Ingredients	CAS#	%	Exposure Limits
Water	7732-18-5	60-70	Not Listed
Sodium Silicate	1344-09-8	10-20	Not Listed
Potassium Hydroxide	1310-58-3	<10	2mg/m ³ C ACGIH
Tetrapotassium Pyrophosphate	7320-34-5	<5	Not Listed
Sodium Polyacrylate	Not Available	<3	Not Listed

TWAB = 8 Hour Time Weighted Average C = Ceiling

Section 3. Hazards Identification

Route of Entry: Skin & eyes.
 Potential Acute Health Effects: Corrosive to skin and eyes.

Section 4. First Aid Measures

Eye Contact: Product is corrosive to eyes. Flush immediately with water for 15 minutes being careful to flush behind the eyelids. Remove and discard contact lenses. If possible continue to flush eyes with running water until medical attention is received.
Inhalation: Inhalation of concentrated vapors of this product is corrosive. Move victim to fresh air. Seek medical attention.
Skin Contact: Product is corrosive to skin. Immediately flush affected area with running water for 15 minutes. Chronic exposure may cause liver, kidney and/or blood disorders.
Ingestion: Immediately drink large amounts of water and seek immediate medical attention. DO NOT INDUCE VOMITING. Never give anything to drink to an unconscious person.

Section 5. Fire Fighting Measures

Flashpoint: None (not flammable) Method: Tag Open Cup
 Fire Fighting Media and Instructions: Extinguish with water spray or carbon dioxide; dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
 Unusual Fire and Explosion Hazards: None known

Section 6. Accidental Release Measures

Personal Precautions: Put on appropriate personal protective equipment (see section 8).
 Environmental Precautions: In the event of major spillage: Use appropriate containment to avoid environmental contamination. Collect spilled material. Place in suitable clean, dry containers for disposal by approved methods. Dilute remaining residue with water and neutralize with dilute acetic acid (Vinegar).

Section 7. Handling and Storage

Handling: Avoid contact with skin. Rubber, Nitrile, PVC or other chemically resistant skin protection to prevent contact. Use chemical splash goggles or glasses as necessary to prevent contact. For industrial use only.
Storage: Store in a cool well ventilated area. Keep from freezing. Keep out of reach of children

Section 8. Exposure Controls & Personal Protection:

Engineering Controls: None usually needed. General room ventilation is adequate
 Personal Protection:
Eyes: Use chemical splash goggles or glasses as necessary to prevent contact. For industrial use only.
Hands: Rubber, Nitrile, PVC or other chemically resistant skin protection to prevent contact.
Respiratory: Avoid breathing concentrated vapors. Use only in well ventilated areas.
 Additional Measures: No special requirements under normal use conditions
 Listed Carcinogen: No ingredients listed by NTP, IARC or OSHA Subpart Z.
 Medical Condition Aggravated: Persons with pre-existing skin or lung disorders may be more susceptible.

Section 9. Physical and Chemical Properties

Fragrance: None
 Appearance: Liquid
 Color: Red
 pH: 13.5 - 14.0
 Specific Gravity: 1.16
 Boiling/Condensation Point: Approximately 212°F
 Melting/Freezing Point: Approximately 32°F
 Solubility in Water: Complete at 25°C

Section 10. Stability and Reactivity

Stability and Reactivity: Stable
 Conditions of Instability: None Known
 Incompatibility with Various Substances: Acids, oxidizing agents
 Decomposition Products: When exposed to fire: Produces normal products of combustion.
 Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

Effects of Chronic Exposure: Chronic exposure may cause liver, kidney and/or blood disorders.

Section 12. Ecological Information None Known

Section 13. Disposal Considerations

Waste Information: Dispose of all wastes according to all federal, state and local legislation

Section 14. Transport Information

DOT Classification: UN 3266, Corrosive Liquid, Basic, Inorganic, NOS(Containing Potassium Hydroxide), 8, PG II

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

U.S. Regulation: Not Regulated
 Federal: Not Regulated
 State: Not Regulated

Registered Product Information: Not EPA registered
Sara Section 313: Toxic Release Inventory Reporting
 The reportable quantity for Potassium Hydroxide is 1000 lbs. per CERCLA.

Sara Section 312: Immediate (Acute), Delayed (Chronic) Health Hazards, Reactive Hazard

Section 16. Other Information:

TSCA STATUS: All ingredients of this product are listed on the TSCA inventory.

Other Special Considerations: None reported
 Manufacturer: Midlab, Inc.
 Address: 140 Private Brand Way
 Athens, TN 37303

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