

## Safety Data Sheet

### Section 1: Identification

Name: TMA - ALL TEMP / MECHANICAL DISH DETERGENT      Date Issued: 4-19-15  
 Other Name: N/A      TMA Code: TM10822  
 Recommended Use: Ware washing  
 Supplier Information: Technical Marketing Alliance 2335 Buttermilk Crossing Crescent Springs, KY 41017  
 Emergency Telephone: 800-424-9300      Product Information: 859-727-7854

### Section 2: Hazard(s) Identification

#### Potential Health Effects

Signal Word = Danger      Label Elements:  
 Hazard Category:  
 Acute Oral Toxicity = 4 - Harmful if swallowed  
 Acute Dermal Toxicity = 4 - Harmful in contact with skin  
 Skin Corrosion/Irritation = 1A to 1C - Causes severe skin burns and eye damage  
 Eye Damage/Irritation = 1 - Causes serious eye damage



#### Precautionary Statement:

Prevention = Do not breathe dusts or mists, wash thoroughly after handling, wear protective gloves, clothing, eye protection, face protection.

Response = If swallowed, rinse mouth, do not induce vomiting. Take off contaminated clothing and rinse skin with water. Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor. If in eyes, rinse cautiously with water for several minutes (remove contact lenses, if present and easy to do. Continue rinsing.)

Storage = Store containers in an upright position. Ensure container lids are in place and secure when not in use.

Disposal = Review all federal, state and local laws regarding disposal of this product.

#### Prolonged/Repeated Exposure Effects:

Eye: Similar to effects from acute exposure

Skin: Similar to effects from acute exposure except for expected damage to secondary tissue

Inhalation: Similar to acute exposure

Ingestion: Similar to acute exposure

**\*\*The above listed potential effects are compiled based on a review of all component SDS's\*\***

### Section 3: Composition Information on Ingredients

<u>CAS Number</u>	<u>Chemical Name</u>	<u>% by Vol</u>	<u>RQ#</u>	<u>OSHA</u>	<u>TWA</u>	<u>STEL</u>
1310-58-3	Potassium Hydroxide	13-18	1000		No Data	No Data
7758-29-4	Sodium Tripolyphosphate	3-8	5000lbs		No Data	No Data
7681-52-9	Sodium Hypochlorite	<5	100		No Data	No Data

#### %Phosphorus in product: 1.5%

**\*\*Components listed above are hazardous as defined in 29 CFR 1910.1200. Their quantities are proprietary.**

**All remaining components are considered non-hazardous and proprietary in their quantities\*\***

### Section 4: First Aid Measures

Eye: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation

Skin: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation

Inhalation: If symptoms are experienced, remove victim to fresh air. Obtain medical attention if irritation persists.

Ingestion: Obtain medical attention.

### Section 5: Fire Fighting Measures

Flash Point: N/A

Auto ignition Temperature: Not Determined

Flammability Limits: N/A

Extinguishing Media: Select extinguisher suitable for surrounding fire      Unusual Fire Hazards: N/A

Fire Fighting Methods: Use methods suitable for surrounding fire.

### Section 6: Accidental Release Measures

Containment and Clean up: Observe all personal protective equipment noted in sections 5 and 8. Observe local, state, and federal laws and regulations that may apply to a release and disposal of this material.

<b>Section 7: Handling and Storage</b>				
Store containers in an upright position. Ensure container lids are in place and secure when not in use.				
<b>Section 8: Exposure Controls</b>				
<u>CAS Number</u>	<u>Chemical Name</u>	<u>OSHA</u>	<u>TWA</u>	<u>STEL</u>
7681-52-9	Sodium Hypochlorite		No Data	No Data
1310-58-3	Potassium Hydroxide		No Data	No Data
7758-29-4	Sodium Tripolyphosphate		No Data	No Data
Engineering Controls: Use with adequate ventilation				
PPE for Routine Handling and Spills: Wear safety glasses and chemical resistant gloves.				
Eyes: Safety glasses recommended				
Skin: Chemical protective gloves are recommended				
Inhalation: No respiratory protection required w/ adequate ventilation				
<b>Section 9: Physical and Chemical Properties</b>				
Physical Form: Liquid	Odor: Slight Nil	Freezing/Melting Point: N/D		
Color: Slight Straw Color	Specific Gravity: >1	pH: Very Alkaline		
Boiling Point: N/D	Viscosity: N/D	Vapor Density: N/D		
Vapor Pressure: N/D				
<b>Section 10: Stability and Reactivity</b>				
Chemical Stability: Stable	Hazardous Polymerization: Will not Occur	Conditions to Avoid: N/A		
Materials to Avoid: N/A	Hazardous Decomposition Products: N/A			
<b>Section 11: Toxicological Information</b>				
Special Hazard Information on Components: No known applicable information				
Listed on NTP Report? No				
Listed on IARC (Suspected Carcinogen)? No				
<b>Section 12: Ecological Information</b>				
Exotoxicity: N/D	Bio accumulative Potential: N/D			
Persistence and Degradability: Similar to water		Mobility in Soil? N/D		
<b>Section 13: Disposal Considerations</b>				
Review all federal, state and local laws regarding disposal of this product.				
<b>Section 14: Transportation Information</b>				
UN 1760, Corrosive Liquid, N.O.S., Class 8, PG II (Contains Potassium Hydroxide, Sodium Hypochlorite)				
<b>Section 15: Regulatory Information</b>				
Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.				
TSCA Status: Potassium Hydroxide, Sodium Tripolyphosphate and Sodium Hypochlorite, which are in this product are subject to the Toxic Substances Control Act (TSCA) section 12(b) export notification requirements delineated at 40 CFR part 707, subpart D.				
EPA SARA Title III Chemical Listings: N/A				
CERCLA Hazardous Substances: Potassium Hydroxide, Sodium Tripolyphosphate, Sodium Hypochlorite				
Section 311/312 Hazard Class: Yes Potassium Hydroxide, Sodium Tripolyphosphate, Sodium Hypochlorite				
Section 313 Toxic Chemicals: N/A				
<b>Section 16: Other Information</b>				
Prepared by: J. Chantz Horman on 4/19/15. The industrial hygiene and safe handling procedures are believed to be applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.				