Safety Data Sheet

Section 1: Identification

Name: TMA - STAINLESS PLUS / LIQUID STAINLESS PRESOAK
Other Name: N/A
Date Issued: 5-13-15
TMA Code: TM108457

Recommended Use: Brightens table ware during cleaning

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:

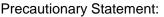
Hazard Category:

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



Prevention = Do not breathe dusts or mists, wash thoroughly after handling, wear protection, sace 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							
CAS Number	Chemical Name	% by Vol	RQ#	<u>OSHA</u>	<u>TWA</u>	STEL	
7681-52-9	Sodium Hypochlorite	22-27	100		No Data	No Data	
1310-58-3	Potassium Hydroxide	4-9	1000		No Data	No Data	
%Phosphorus in product: 0%							

^{**}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 persists. Skin: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation persists. 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 Fire Fighting Methods: Use methods

Auto ignition Temperature: Not Determined suitable for surrounding fire.

Flammability Limits: N/A

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

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.

Section 7: Handling and Storage

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

	Section 8: Exposure Controls				
CAS Number	Chemical Name	<u>OSHA</u>	<u>TWA</u>	STEL	
7681-52-9	Sodium Hypochlorite	22-27	No Data	No Data	
1310-58-3	Potassium Hydroxide	4-9	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

Section 9: Physical and Chemical Properties					
Physical Form: Liquid	Odor: Bleach	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

Section 10: Stability and Reactivity

Chemical Stability: Stable Hazardous Polymerization: Will not Occur Conditions to Avoid: N/A

Materials to Avoid: N/A Hazardous Decomposition Products: N/A

Section 11: Toxicological Information

Special Hazard Information on Components: No known applicable information

Listed on NTP Report? No

Listed on IARC (Suspected Carcinogen)? No

Section 12: Ecological Information

Exotoxicity: N/D Bio accumulative Potential: N/D

Persistence and Degradability: Similar to water Mobility in Soil? N/D

Section 13: Disposal Considerations

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

Section 14: Transportation Information

UN 1760, Corrosive Liquid, N.O.S., Class 8, PG II (Contains Sodium Hypochlorite, Potassium Hydroxide)

Section 15: Regulatory Information

Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CRF 1910.1200.

TSCA Status: Sodium Hypochlorite and Potassium Hydroxide, which are in this product is 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: Sodium Hypochlorite, Potassium Hydroxide Section 311/312 Hazard Class: Yes Sodium Hypochlorite, Potassium Hydroxide

Section 313 Toxic Chemicals: N/A

Section 16: Other Information

Prepared by: J. Chantz Horman on 5/13/15. 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.