



Safety Data Sheet						
Section 1: Identification						
Name: TMA - FLATWARE PRESOAK POWDER ERP				Date Issued: 5-8-15		
Other Name: N/A				TMA Code: TM10809 ER		
Recommended Use: Flatware chlorinated presoak						
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 = Warning			Label Elements:			
Hazard Category:			 			
Acute Oral Toxicity = 4 - Harmful if swallowed						
Acute Dermal Toxicity = 4 - Harmful in contact with skin						
Eye Damage/Irritation = 1 - Causes serious eye damage						
Oxidizing Solids = 3 - May intensify fire ; oxidizer						
Precautionary Statement:						
Prevention = Keep away from heat. Keep/Store away from clothing/.../combustible materials. Take any precaution to avoid mixing with combustibles/...Wear protective gloves/eye protection/face protection. Do not breathe dusts or mists, wash thoroughly after handling, wear protective gloves, clothing, eye protection, face protection.						
Response = In case of fire use ABC type extinguisher to extinguisher. 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: See section 2 for acute affects						
Eye: N/A						
Skin: N/A						
Inhalation: N/A						
Ingestion: N/A						
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 Wt.	RQ#	OSHA	TWA	STEL
15630-89-4	Sodium Percarbonate	37-42	N/A		No Data	No Data
6834-92-0	Sodium Metasilicate Anhydrous	22-27	N/A		No Data	No Data
497-19-8	Sodium Carbonate	19-24	N/A		5ppm	No Data
7757-82-6	Sodium Sulfate	4-9	N/A		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						
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 suitable for surrounding fire.			
Auto ignition Temperature: Not Determined						
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			
<u>CAS Number</u>	<u>Chemical Name</u>	<u>OSHA</u>	<u>TWA</u> <u>STEL</u>
15630-89-4	Sodium Percarbonate		No Data No Data
10124-56-8	Sodium Metaphosphate		No Data No Data
7758-29-4	Sodium Tripolyphosphate		No Data No Data
7757-82-6	Sodium Sulfate		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.			
Section 9: Physical and Chemical Properties			
Physical Form: Powder	Odor: Slight Bleach	Freezing/Melting Point: N/D	
Color: White	Specific Gravity: >1	pH: 11.3-11.5	Vapor Pressure: N/D
Boiling Point: N/D	Viscosity: N/D	Vapor Density: N/D	
Section 10: Stability and Reactivity			
Chemical Stability: Stable	Hazardous Polymerization: Will not Occur	Conditions to Avoid: Strong Acids, Bases	
Materials to Avoid: Strong Acids, Hydrated Lime (Forms Sodium Hydroxide)	Hazardous Decomposition Products: Oxygen		
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: No Data	Bio accumulative Potential: No Data		
Persistence and Degradability: No Data	Mobility in Soil? No Data		
Section 13: Disposal Considerations			
Review all federal, state and local laws regarding disposal of this product.			
Section 14: Transportation Information			
UN 1479, Oxidizing Solid, N.O.S., Class 5.1, PG III (Contains Sodium Percarbonate, Sodium Metasilicate Anhydrous)			
The Limited Quantities of Division 5.1 materials exception [49 CFR 173.152 (b)] may be applicable to shipments of Oxidizing solid, n.o.s. if each inner packaging does not exceed 5.0 kg (11pounds) and packaged in strong outer packages not to exceed 30 kg (66 pounds). Such shipments need not be marked with the Proper Shipping Name of the contents, but shall be marked with the UN Number (1479) of the contents, preceded by the letters "UN", placed within a diamond. The width of the line forming the diamond shall be at least 2 mm; the number shall be at least 6 mm high For a shipment by air the class 5.1 label will be required.			
Section 15: Regulatory Information			
Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.			
TSCA Status: Sodium Percarbonate, Sodium Sulfate, which are chemical substances on this SDS 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: No			
CERCLA Hazardous Substances: Yes (Sodium Percarbonate, Sodium Sulfate)			
Section 311/312 Hazard Class: Yes (Sodium Percarbonate, Sodium Metasilicate, Sodium Sulfate)			
Section 313 Toxic Chemicals: No			
Section 16: Other Information			
Prepared by: J. Chantz Horman on 5/8/15. 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.			