

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 effects

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 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

Auto ignition Temperature: Not Determined

Flammability Limits: N/A

Extinguishing Media: Select extinguisher suitable for surrounding fire

Fire Fighting Methods: Use methods 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
Boiling Point: N/D	Viscosity: N/D	Vapor Pressure: 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.