

Safety Data Sheet

Section 1: Identification

Name: TMA - Enzyme Laundry Presoak & Detergent

Date Issued: 8-21-15

Other Name: N/A

TMA Code: TM108485

Recommended Use: As indicated by name

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

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: 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
15091-58-2	Sodium Tripolyphosphate, Hexahydrate	35-40	N/A		No Data	No Data
6834-92-0	Sodium Metasilicate	16-21	N/A		No Data	No Data
7757-82-6	Sodium Sulfate	10-15	N/A		No Data	No Data
497-19-8	Sodium Carbonate	9-14	N/A		5ppm	No Data
10486-00-7	Sodium Perborate Tetrahydrate	5-10	N/A		No Data	No Data

%Phosphorus in product: 9.6%

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

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>
15091-58-2	Sodium Tripolyphosphate, Hexahydrate		No Data	No Data
6834-92-0	Sodium Metasilicate		No Data	No Data
7757-82-6	Sodium Sulfate		No Data	No Data
497-19-8	Sodium Carbonate		5ppm	No Data
10486-00-7	Sodium Perborate Tetrahydrate		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: Citrus	Freezing/Melting Point: N/D
Color: Off White	Specific Gravity: >1	pH: 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: Strong Acids, Hydrated Lime (Forms Sodium Hydroxide)	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: 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 3262, Corrosive Solid, Basic, Inorganic, N.O.S. , 8 , PG III, (Contains Disodium Trioxosilicate)

Section 15: Regulatory Information

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

TSCA Status: No 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: Yes

CERCLA Hazardous Substances: No

Section 311/312 Hazard Class: Yes (Sodium Tripolyphosphate, Hexahydrate, Sodium Metasilicate, Sodium Sulfate, Sodium Carbonate, Sodium Perborate Tetrahydrate)

Section 313 Toxic Chemicals: No

Prepared by: J. Chantz Horman on 8/21/15. 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.