


<b>Safety Data Sheet</b>	
<b>Section 1: Identification</b>	
Name: TMA - Solid Metal Safe Other Name: N/A Recommended Use: Solid Dishmachine Detergent	Date Issued: 3-11-15 TMA Code: TM108640
Supplier Information: Technical Marketing Alliance 2335 Buttermilk Crossing Crescent Springs, KY 41017	
Emergency Telephone: 800-424-9300	Product Information: 859-727-7854
<b>Section 2: Hazard(s) Identification</b>	
<u>Potential Health Effects</u>	
Signal Word = Warning Hazard Category: Acute Toxicity Oral = 4 - Harmful if swallowed Eye Damage/Irritation = 2B - Causes eye irritation Acute Toxicity Dermal = 4 - Harmful in contact with skin Acute Toxicity Inhalation = 4 - Harmful if Inhaled Precautionary Statement: Prevention = Wash any contacted parts of the body after handling with soap and water thoroughly. Wear eye protection/face protection.	Label Elements: 
Response = If exposed or concerned: Get medical advice/attention. If swallowed, contact a physician immediately and follow advice from medical professional. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If on skin: Wash with plenty of water. Call a poison center/doctor/...if you feel unwell. Take off contaminated clothing and wash it before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing.	
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 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**	
<b>Section 3: Composition Information on Ingredients</b>	
<u>CAS Number</u> 6834-92-0 497-19-8	<u>Chemical Name</u> Sodium Metasilicate Sodium Carbonate
<u>% by Vol</u> 5-15 30-50	<u>RQ#</u> NA NA
<u>OSHA</u>	<u>TWA</u> No Data No Data
	<u>STEL</u> No Data No Data
**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**	
<b>Section 4: First Aid Measures</b>	
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.	
<b>Section 5: Fire Fighting Measures</b>	
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
<b>Section 6: Accidental Release Measures</b>	

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>
6834-92-0	Sodium Metasilicate	No Data    No Data
497-19-8	Sodium Carbonate	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: Solid	Odor: Characteristic	Solubility in H2O: 100%
Color: Off-white	Specific Gravity: 1.54	pH: 11.2
Boiling Point: No Data	Viscosity: No Data	Vapor Density: No Data
Vapor Pressure: No Data	Volatility: No Data	Evaporation Rate: No Data
<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		
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, Compound, Cleaning Liquid, N.O.S., 8, PG III, (Contains Disodium Trioxosilicate)		
<b>Section 15: Regulatory Information</b>		
Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.		
TSCA Status: No products on this SDS 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: No		
CERCLA Hazardous Substances: No		
Section 311/312 Hazard Class: Yes (Sodium Metasilicate, Sodium Carbonate)		
Section 313 Toxic Chemicals: No		
<b>Section 16: Other Information</b>		
Prepared by: J. Chantz Horman on 3/11/15. The above information pertains to this product as currently formulated and is based on the information available at this time. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.		