


Safety Data Sheet							
Section 1: Identification							
Name: TMA - Foaming Chlorinated Cleaner				Date Issued: 07-19-2016			
Other Name: N/A				TMA Code: TM1085466			
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							
<u>Potential Health Effects</u>							
Signal Word = Danger				Label Elements:			
Hazard Category: 1							
Acute Oral Toxicity = 4 - Harmful if swallowed							
Acute Dermal Toxicity = 4 - Harmful in contact with skin							
Skin Corrosion/Irritation = 1B - Causes severe skin burns and eye damage.							
Eye Damage/Irritation = 1 - Causes serious eye damage							
Inhalation: 5 - May be harmful if inhaled.							
<p>Precautionary Statement: Avoid breathing dust/fume/gas/vapor/spray. Wash hands/exposed skin thoroughly after handling. Wear eye/face protection. Remove contaminated clothing, shoes, and jewelry immediately. Thoroughly clean and dry contaminated clothing before reuse.</p> <p>Prevention = Wash face, hands, and exposed skin thoroughly after handling. Do not eat, drink, or smoke while using this product. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing vapors.</p> <p>Response = If in eyes, rinse continuously with water for several minutes. Immediately call a poison center or doctor/physician. Remove contact lenses if present and easy to do. Continue rinsing. If swallowed, immediately call a poison center or physician. Do not induce vomiting. If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.</p> <p>Storage = Store only in original container.</p> <p>Disposal = Review all federal, state and local laws regarding disposal of this product.</p>							
Acute Effects:				Signs/Symptoms of Overexposure: N/A			
Eye: Direct contact will cause chemical burns to eyes				Medical Conditions Aggravated by Exposure: N/A			
Skin: Will cause chemical burns							
Inhalation: Odors are irritating to eyes, nose and mucous membranes							
Ingestion: Ingestion will cause damage to mucous membranes							
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							
<u>CAS Number</u>	<u>Chemical Name</u>	<u>% by Vol</u>	<u>RQ#</u>	<u>OSHA</u>	<u>TWA</u>	<u>STEL</u>	
1310-73-2	Sodium Hydroxide	6-11	1000	2mg/m3	2mg/m3	No Data	
9004-82-4	Sodium Laureth Sulfate	< 2	No Data	No Data	No Data	No Data	
6834-92-0	Sodium Metasilicate Pentahydrate	< 2	No Data	No Data	2mg/m3	No Data	
127087-87-0	Nonylphenol polyethylene glycol ether	< 2	No Data	No Data	No Data	No Data	
%Phosphorus in product: 0%							
Components listed above are hazardous as defined in 29 CFR 1910.1200. Their quantities are or are proprietary. All remaining components are considered non-hazardous and or are 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			
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. Store in original container. 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>
1310-73-2	Sodium Hydroxide	2mg/m3	2mg/m3	No Data
9004-82-4	Sodium Laureth Sulfate	No Data	No Data	No Data
6834-92-0	Sodium Metasilicate Pentahydrate	No Data	2mg/m3	No Data
127087-87-0	Nonylphenol polyethylene glycol ether	No Data	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: Characteristic	Freezing/Melting Point: N/D
Color: Clear/Light Yellow	Specific Gravity: >1	pH: 12.5-13.0
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 Hydroxide)

Section 15: Regulatory Information

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

TSCA Status: Sodium Hydroxide, which is 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: Yes

CERCLA Hazardous Substances: Yes (Sodium Hydroxide, Nonylphenol polyethylene glycol ether)

Section 311/312 Hazard Class: Yes (Sodium Hydroxide, Sodium Metasilicate Pentahydrate, Nonylphenol polyethylene glycol ether)

Section 313 Toxic Chemicals: No

Section 16: Other Information

Prepared by: P. Grado on 07/19/2016. 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.