

Safety Data Sheet

Section 1: Identification

Name: TMA - CONCRETE CLEANER PLUS	Date Issued: 02-24-2016
Other Name: N/A	TMA Code: TM108655
Recommended Use: Powdered industrial concrete cleaner	
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 = Danger
 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: 3 - May cause respiratory irritation.



Precautionary Statement: Avoid breathing dust/fume/gas/vapor/spray. Wash hands/exposed skin thoroughly after handling. Wear eye protection.
 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 dust.
 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.
 Storage = Store only in original container.
 Disposal = Review all federal, state and local laws regarding disposal of this product.

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
10213-79-3	Sodium metasilicate pentahydrate	52-57	N/A		No Data	No Data
497-19-8	Sodium Carbonate	36-41	N/A		5ppm	No Data
1310-73-2	Sodium Hydroxide Solid	2-7	1000lbs		2mg/m3	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: 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.
 Skin: Flush affected area with large quantities of water for at least 15 minutes. Immediately remove all contaminated clothing. Obtain medical attention if irritation persists.
 Inhalation: If symptoms are experienced, remove victim to fresh air and keep comfortable for breathing. Obtain medical attention if irritation persists.
 Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately contact a poison center or doctor/physician.

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>
10213-79-3	Sodium metasilicate pentahydrate		No Data	No Data
497-19-8	Sodium Carbonate		5ppm	No Data
1310-73-2	Sodium Hydroxide Solid		2mg/m3	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: Characteristic	Freezing/Melting Point: N/D
Color: White w/ Orange Tint	Specific Gravity: N/A	pH: Alkaline in water
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, Hazardous Decomposition Products: N/A
 Hydrated Lime (Forms Sodium Hydroxide)

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., Class 8, PG II (Contains Sodium Metasilicate Pentahydrate, 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, Sodium Carbonate, Sodium Metasilicate Pentahydrate, 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 Hydroxide)

Section 311/312 Hazard Class: Yes (Sodium Hydroxide, Sodium Carbonate, Sodium Metasilicate Pentahydrate)

Section 313 Toxic Chemicals: No

Section 16: Other Information

Prepared by: P. Grado on 02/24/2016. 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.