

Safety Data Sheet**Section 1: Identification**

Name: TMA - Metalsafe Encapsulated Machine Detergent ERP Date Issued: 01/22/2020
 Other Name: N/A TMA Code: TM10808 ER
 Recommended Use: Powdered, chlorinated machine detergent
 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) IdentificationPotential 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 and/or 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, protective clothing, eye protection, face protection.

Response = In case of fire use ABC type extinguisher to extinguish. 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: May cause eye lesions

Skin: May cause dermatitis

Inhalation: May cause throat and nose bleeding and chronic bronchitis

Ingestion: May enhance existing medical eye, skin or respiratory conditions.

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
15630-89-04	Sodium Percarbonate	23-28	No Data		No Data	No Data
1310-73-2	Sodium Hydroxide Solid	<5	1000lbs		2 mg/m ³	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

Fire Fighting Methods: Use methods suitable for surrounding fire.

Flammability Limits: N/A

Extinguishing Media: Select extinguisher suitable for surrounding fire

Unusual Fire Hazards: Oxidizer: will release O₂ to support combustion.

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>
15630-89-04	Sodium Percarbonate		No Data	No Data
1310-73-2	Sodium Hydroxide Solid		2mg/m ³	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: Powder	Odor: Slight Bleach	Freezing/Melting Point: N/D
Color: White	Specific Gravity: No Data	pH: 11.0-11.2
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: Heat; exposure to strong acids or strong bases.
Materials to Avoid: Strong acids, Hydrated Lime (forms sodium hydroxide)	Hazardous Decomposition Products: Oxidizer, will react with moisture to form oxygen which will support combustion	

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

Ecotoxicity: N/D	Bio accumulative Potential: N/D
Persistence and Degradability: N/D	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 1479, Oxidizing Solid, N.O.S. , Class 5.1, PG III (Contains Sodium Percarbonate)

The Limited Quantities exception 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 (11 pounds) 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 and Sodium Hydroxide are components in this product and 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: N/A

CERCLA Hazardous Substances: Yes (Sodium Percarbonate, Sodium Hydroxide)

Section 311/312 Hazard Class: Yes (Sodium Percarbonate, Sodium Hydroxide)

Section 313 Toxic Chemicals: N/A

Section 16: Other Information

Prepared by: P. Grado on 01/22/2020. 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.