Safety Data Sheet

Section 1: Identification

Name: TMA - Laundry Rust Removing Sour
Other Name: N/A
Recommended Use: Rewetting rust removing sour
Date Issued: 08/11/2017
TMA Code: 10854

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:
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

Label Elements:

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. Immediately call a poison center or doctor. Take off contaminated clothing and rinse skin with water. If inhaled, 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: Damage to eyes and mucous membranes
Skin: Will cause acidic burns to skin
Inhalation: Will cause irritation to mucous membranes
Ingestion: Will cause damage to mucous membranes and tissue

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 Vol	RQ#	OSHA	TWA	STEL
7664-38-2	Phosphoric Acid	8-13	5000	No Data	1ppm	3ppm
7647-01-0	Hydrochloric Acid	7-12	5000	No Data	5 ppm	5 ppm
79-14-1	Glycolic Acid	7-12	No Data	No Data	No Data	No Data
144-62-7	Oxalic Acid	<5	No Data	1 mg/m^3	2 mg/m^3	2 mg/m^3

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
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

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

CAS Number	Chemical Name	OSHA	TWA	STEL
7664-38-2	Phosphoric Acid	No Data	1ppm	3ppm
7647-01-0	Hydrochloric Acid	No Data	5 ppm	5 ppm
79-14-1	Glycolic Acid	No Data	No Data	No Data
144-62-7	Oxalic Acid	1 mg/m^3	2 mg/m^3	2 mg/m^3

Engineering Controls: Use with adequate ventilation

PPE for Routine Handling and Spills: Wear chemical goggles, chemical resistant gloves, and chemical apron.
Eyes: Safety glasses / Chemical Goggles recommended
Skin: Chemical protective gloves are recommended
Inhalation: Respiratory protection may be required, based on usage and atmospheric conditions. Use w/ adequate ventilation.

Section 9: Physical and Chemical Properties

Physical Form: Liquid	Odor: Characteristic NIL	Freezing/Melting Point: N/D
Color: Clear, white to light pink	Specific Gravity: 1.05	pH: 1
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: Bases
Materials to Avoid: Strong Bases
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

Ecotoxicity: 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 Phosphoric Acid, Hydrochloric Acid)

Section 15: Regulatory Information

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

TSCA Status: Phosphoric acid, Hydrochloric acid, Citric acid, and Oxalic Acid, which are components listed 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: Yes (Phosphoric acid, Oxalic acid)
CERCLA Hazardous Substances: Yes (Phosphoric acid, Hydrochloric acid)
Section 311/312 Hazard Class: Yes (Phosphoric Acid, Hydrochloric Acid, Glycolic Acid, Oxalic Acid)
Section 313 Toxic Chemicals: Yes (Phosphoric acid, Hydrochloric acid)

Section 16: Other Information

Prepared by: P. Grado on 08/11/2017. 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.