Safety Data Sheet

Section 1: Identification

Name: TMA - Total Sour
Date Issued: 02-20-2026
Other Name: N/A
TMA Code: 108266 TW
Recommended Use: To neutralize caustic detergents in rinse

Supplier Information: TMA/Chemnet Systems 8145 Holton Drive, Florence, KY 41042

Emergency Telephone: 800-424-9300
Product Information: 859-727-7854

Section 2: Hazard(s) Identification

Potential Health Effects

Signal Word = Danger
Label Elements:

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

Precautionary Statement:
Prevention = Do not eat, drink or smoke when using this product. Wash any contacted parts of the body after handling with soap and water thoroughly. Wear eye protection/face protection.

Response = 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.

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
7664-38-4	Phosphoric Acid 75%	51-56	5000		No Data	No Data
72-92-9	Citric Acid 50%	2-7			No Data	No Data

%Phosphorus in product: 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

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
7664-38-4	Phosphoric Acid 75%		No Data	No Data
72-92-9	Citric Acid 50%		No Data	No Data

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 Acrid	Freezing/Melting Point: N/D
Color: Clear Green	Specific Gravity: >1	pH: Acidic
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: 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 Phosphoric Acid,Citric Acid)

Section 15: Regulatory Information

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

TSCA Status: Phosphoric Acid is a component listed on this SDS that 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 (Phosphoric Acid)
Section 311/312 Hazard Class: Yes (Phosphoric Acid, Citric Acid)
Section 313 Toxic Chemicals: No

Section 16: Other Information

Prepared by: J. Chantz Horman on 3/23/15. 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.