


Safety Data Sheet	
Section 1: Identification	
Name: TMA - TOTAL SOUR/SOFT	Date Issued: 5-7-15
Other Name: N/A	TMA Code: TW10853
Recommended Use: Neutralizes caustic & softens fabrics	
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	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 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. 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: 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	
<u>CAS Number</u>	<u>Chemical Name</u>
7664-38-4	Phosphoric Acid 75%
<u>% by Vol</u>	<u>RQ#</u>
16-21	5000
<u>OSHA</u>	<u>TWA</u>
No Data	No Data
<u>STEL</u>	<u>STEL</u>
No Data	No Data
%Phosphorus in product: 5.6%	
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	
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. 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%	16-21	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: Floral	Freezing/Melting Point: N/D		
Color: Aqua Liquid	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)				
Section 15: Regulatory Information				
Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.				
TSCA Status: Phosphoric Acid, which is a component listed 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: Yes				
CERCLA Hazardous Substances: Yes (Phosphoric Acid)				
Section 311/312 Hazard Class: No				
Section 313 Toxic Chemicals: Yes (Phosphoric Acid)				
Section 16: Other Information				
Prepared by: J. Chantz Horman on 5/7/15. 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.				