

## Safety Data Sheet

### Section 1: Identification

Name: TMA - LIQUID LAUNDRY PRESOAK EMULSIFIER Date Issued: 5-7-15  
 Other Name: N/A TMA Code: TM108456  
 Recommended Use: Laundry presoak emulsifier and 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) Identification

#### Potential Health Effects

Signal Word = Warning  
 Hazard Category:  
 Acute Oral Toxicity = 4 - Harmful if swallowed  
 Eye Damage/Irritation = 2B - Causes eye irritation

Label Elements:



Precautionary Statement:

Prevention = Wash any contacted parts of the body after handling with soap and water thoroughly. Wear eye protection/face protection.

Response = If swallowed, contact a physician immediately and follow advice from medical professional. 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: See section 2 for acute affects

Eye: N/A

Skin: Repeated skin contact may cause dermatitis.

Inhalation: N/A

Ingestion: N/A

**\*\*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
127087-87-0	Poly(oxy-1,2-ethanediyl)alpha-(4-nonylphenyl)-omega-hydroxy-, branched	37-42	N/A	No Data	No Data	No Data
34590-94-8	Dipropylene Glycol Monomethyl Ether	32-37	N/A	No Data	No Data	No Data
5989-27-5	D-limonene	22-27	N/A	No Data	No Data	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: >450F 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>
127087-87-0	Poly(oxy-1,2-ethanediyl)alpha-(4-nonylphenyl)-omega-hydroxy-,branched		No Data	No Data
34590-94-8	Dipropylene Glycol Monomethyl Ether		No Data	No Data
5989-27-5	D-limonene		No Data	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: Liquid	Odor: Citric	Freezing/Melting Point: N/D
Color: Clear Straw	Specific Gravity: <1	pH: 5-6.5
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: 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: Toxic to aquatic organisms	Bio accumulative Potential: N/D
Persistence and Degradability: Similar to water	Mobility in Soil? N/D

**\*\*See Dow Product Tergitol NP9 SDS for all Ecological Information\*\***

**Section 13: Disposal Considerations**

Review all federal, state and local laws regarding disposal of this product.

**Section 14: Transportation Information**

DOT Shipment Information (49 CFR 172.101): Non Bulk Containers = Non Dot Regulated

Bulk Containers = UN 3082, Environmentally Hazardous Substances Liquid, N.O.S., Class 9, PG III (Contains Alcohol C13-C15 Poly (1-6) Ethoxlate)

**Section 15: Regulatory Information**

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

TSCA Status: Glycol Ethers and D,limonene, 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: Yes (Glycol Ethers, D,limonene)

CERCLA Hazardous Substances: Yes (Glycol Ethers)

Section 311/312 Hazard Class: Yes (Glycol Ethers,D-limonene)

Section 313 Toxic Chemicals: Yes (Glycol Ethers)

**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.