**Safety Data Sheet**

**Section 1: Identification**

Name: TMA - NOVA / Laundry Emulsion Detergent
Other Name: N/A
Recommended Use: Laundry detergent

Supplier Information: Technical Marketing Alliance 2335 Buttermilk Crossing Crescent Springs, KY 41017
Emergency Telephone: 800-424-9300

**Section 2: Hazard(s) Identification**

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

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: Similar to effects from acute exposure
Skin: Similar to effects from acute exposure except for expected damage to secondary tissue
Inhalation: N/A
Ingestion: Similar to acute exposure

**The above listed potential effects are compiled based on a review of all component SDS's**

**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 3: Composition Information on Ingredients**

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical Name</th>
<th>% by Vol</th>
<th>RQ#</th>
<th>OSHA</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1310-73-2</td>
<td>Sodium Hydroxide</td>
<td>14-19</td>
<td>1000</td>
<td></td>
<td>2mg/m3</td>
<td>No Data</td>
</tr>
<tr>
<td>127087-87-0</td>
<td>Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-,branched</td>
<td>11-16</td>
<td>No Data</td>
<td>No Data</td>
<td>No Data</td>
<td></td>
</tr>
</tbody>
</table>

%Phosphorus in product: 0%

**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
Unusual Fire Hazards: N/A

Fire Fighting Methods: Use methods suitable for surrounding fire.
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

<table>
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<tr>
<th>CAS Number</th>
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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

<table>
<thead>
<tr>
<th>Physical Form: Liquid</th>
<th>Odor: Mild, Characteristic</th>
<th>Freezing/Melting Point: N/D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color: Florescent, Yellow</td>
<td>Specific Gravity: No Data</td>
<td>pH: 13-13.8</td>
</tr>
<tr>
<td>Boiling Point: N/D</td>
<td>Viscosity: N/D</td>
<td>Vapor Density: N/D</td>
</tr>
<tr>
<td>Vapor Pressure: N/D</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

Chemical Stability: Stable

Hazardous Polymerization: Will not Occur

Hazardous Decomposition Products: N/A

Conditions to Avoid: 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: This product is harmful to aquatic life

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 Sodium Hydroxide)

Section 15: Regulatory Information

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

TSCA Status: There are no components which are in this product that 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

CERCLA Hazardous Substances: Yes (Glycol Ethers)

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

Section 313 Toxic Chemicals: Yes (Glycol Ethers)

Section 16: Other Information

Prepared by: J. Chantz Horman on 4/24/15. 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.