I. Basic Information:

Manufacturer: FABRICLEAN SUPPLY OF DALLAS LTD.  
Contact: JO ANN SHERIDAN

Address: 502 2nd AVE.  
Information Telephone Number: 800-442-7021

City, ST Zip: DALLAS, TX 75226  
Emergency Contact: CHEMTEL

Country:  
Emergency Telephone Number: 800-255-3924

Product Name: TKO DETERGENT  
Emergency Restrictions:

MSDS No.: 8854  
Issue Date: 04/12/2006

Supersedes Date: 01/01/2006

II. Hazards Identification:

EMERGENCY OVERVIEW
INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.  
SKIN CONTACT, CAN IRRITATE OR CHAP SKIN.  
INGESTION, WILL CAUSE GASTRIC DISTRESS, VOMITING AND DIARRHEA.

OSHA Regulatory Status
While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product.

Potential Health Effects
Route(s) of Entry:  
SKIN, EYES, INHALATION

Health Hazards (Acute and Chronic):  
PRODUCT, EITHER DRY OR IN SOLUTION, IS AN IRRITANT TO TISSUE.  
CONTACT WITH EYES CAN CAUSE DAMAGE.

Signs and Symptoms:  
INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.  
SKIN CONTACT, CAN IRRITATE OR CHAP SKIN.  
INGESTION, WILL CAUSE GASTRIC DISTRESS, VOMITING AND DIARRHEA.

Medical Conditions Generally Aggravated by Exposure:  
NONE KNOWN

Other Health Warnings:  
NONE

Potential Environmental Effects
Not Available

III. Composition/Information on Ingredients:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>% Range</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSRN57948000-5006P</td>
<td>TradeSecret</td>
<td>30-40</td>
<td></td>
</tr>
<tr>
<td>PSRN57948000-5010P</td>
<td>TradeSecret</td>
<td>30-40</td>
<td></td>
</tr>
<tr>
<td>PSRN57948000-5046P</td>
<td>TradeSecret</td>
<td>5-15</td>
<td></td>
</tr>
<tr>
<td>Sodium metasilicate</td>
<td>6834920</td>
<td>0-5</td>
<td></td>
</tr>
<tr>
<td>Sodium tripolyphosphate</td>
<td>7758294</td>
<td>5-10</td>
<td></td>
</tr>
</tbody>
</table>

IV. First Aid Measures:

Emergency and First Aid Procedures:
FOR SKIN, FLUSH THOROUGHLY WITH WATER UNTIL "SLIPPERY" FEELING IS GONE.  
FOR EYES, FLUSH WITH WARM WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN.  
IF INGESTED, DRINK LARGE VOLUMES OF WATER FOLLOWED BY MILD ACIDS SUCH AS 5% ACETIC ACID, ORANGE JUICE, OR ANY CITRUS JUICE. DO NOT INDUCE VOMITING. CALL PHYSICIAN.
**Note to Physicians:**
EYES, FLUSH WITH WARM WATER. DO NOT INDUCE VOMITING.

**V. Fire Fighting Measures:**

**Suitable Extinguishing Media:**
FLOOD WITH WATER

**Unsuitable Extinguishing Media:**
NONE KNOWN

**Products of Combustion:**
HYDROGEN

**Protection of Firefighters:**
USE NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS WHERE PRODUCT IS INVOLVED IN FIRE.

**VI. Accidental Release Measures:**

**Personal Precautions:**
RUBBER GLOVES SHOULD BE WORN. SAFETY GOGGLES SHOULD BE WORN.

**Environmental Precautions:**
NONE KNOWN

**Methods for Containment:**
DIKE; APPROVED PLASTIC CONTAINERS

**Methods for Cleanup:**
FOR A SMALL SPILL: IMMEDIATELY HOSE DOWN WITH COLD WATER AND DISPOSE TO DRAIN. FOR A LARGE SPILL: COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE TO A pH OF 7 WITH MURATIC OR PHOSPHORIC ACID SOLUTIONS.

**Other Information:**
Not Available

**VII. Handling and Storage:**

**Handling Precautions:**
KEEP CONTAINER CLOSED. DO NOT MIX WITH DRY SOUR IN WASHWHEEL SUPPLY DISPENSER.

**Storage Precautions:**
AVOID MOISTURE

**VIII. Exposure Controls/Personal Protection:**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSRN57948000-5006P</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Sodium metasilicate</td>
<td>2mg/m3</td>
<td>2mg/m3</td>
<td>Not Available</td>
</tr>
<tr>
<td>Sodium tripolyphosphate</td>
<td>15mg/m3</td>
<td>10mg/m3</td>
<td>Not Available</td>
</tr>
<tr>
<td>PSRN57948000-5046P</td>
<td>15mg/m3</td>
<td>10mg/m3</td>
<td>Not Available</td>
</tr>
<tr>
<td>PSRN57948000-5010P</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

**Engineering Controls:**
AVOID BREATHING DUST. IF EXPOSURE LIKELY, USE FILTER OR DUST TYPE RESPIRATOR. MECHANICAL VENTILATION IS ACCEPTABLE.

**Personal Protective Equipment:**
RUBBER GLOVES SHOULD BE WORN. SAFETY GOGGLES SHOULD BE WORN. OTHER PROTECTIVE MEASURES: HAVE AN EYE BATH AND SAFETY SHOWER CLOSE BY. IF POTENTIAL FOR SKIN CONTACT, HAVE AN ACID HAND WASH NEAR BY (ie. VINEGAR SOLUTION.). WORK HYGIENIC PRACTICES: WASH HANDS, CHANGE OUT OF CLOTHES AS SOON AS POSSIBLE. WASH CLOTHES, SHOWER OR BATHE AS SOON AS POSSIBLE.

**IX. Physical and Chemical Properties:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>1388°C</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>NO DATA</td>
</tr>
<tr>
<td>Solubility In Water</td>
<td>EXCELLENT</td>
</tr>
<tr>
<td>Flash Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>NO DATA</td>
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<tr>
<td>Vapor Density (AIR = 1):</td>
<td>N/A</td>
</tr>
<tr>
<td>pH Range</td>
<td>N/A</td>
</tr>
<tr>
<td>Decomposition Temp</td>
<td>NO DATA</td>
</tr>
<tr>
<td>Lower Explosive Limit</td>
<td>-</td>
</tr>
<tr>
<td>Specific Gravity (H2O = 1):</td>
<td>Not Available</td>
</tr>
<tr>
<td>Other Information:</td>
<td>THIS PRODUCT CONTAINS PHOSPHATES</td>
</tr>
<tr>
<td>Melting Point</td>
<td>318.4°C</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>NO DATA</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1):</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point Method</td>
<td>-</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>WHITE GRANULAR POWDER - LEMON FRAGRANCE</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg.):</td>
<td>42</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>-</td>
</tr>
<tr>
<td>Auto-Ignition Temp</td>
<td>NO DATA</td>
</tr>
<tr>
<td>Upper Explosive Limit</td>
<td>-</td>
</tr>
</tbody>
</table>

**X. Stability and Reactivity:**

**Stability:**

VERY STABLE

**Conditions to Avoid:**

MAY REACT WITH ORGANIC MATERIAL IN PRESENCE OF MOISTURE TO PRODUCE HEAT AND COMBUSTION. AVOID CONTACT WITH STRONG ACIDS.

**Incompatible Materials:**

OXIDIZABLE OR COMBUSTIBLE ORGANIC MATERIALS, STRONG OXIDIZERS, NITROGEN COMPOUNDS, ACIDS, ALKALI.

**Hazardous Decomposition Products:**

DECOMPOSES TO GIVE OFF HEAT AND OXYGEN.

**Possibility of Hazardous Reactions:**

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

**XI. Toxicological Information:**

CONTACT U.N.X. INCORPORATED

**XII. Ecological Information:**

CONTACT U.N.X. INCORPORATED

**XIII. Disposal Considerations:**

FOR A SMALL SPILL: IMMEDIATELY HOSE DOWN WITH COLD WATER AND DISPOSE TO DRAIN. FOR A LARGE SPILL: COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE TO A pH OF 7 WITH MURATIC OR PHOSPHORIC ACID SOLUTIONS. DISPOSE OF DOWN DRAIN AFTER APPROVAL OF APPROPRIATE AUTHORITIES. CLEAN AND NEUTRALIZE ALL AREAS OF CONTACT.

**XIV. Transport Information:**

Shipping Name: N/A
NOT DOT REGULATED

XV. Regulatory Information:
UNLESS OTHERWISE NOTED, NO COMPONENTS ARE SARA TITLE 3 SECTION 313 40 CFR LISTED MATERIALS. THE INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. THIS PRODUCT IS NOT MADE WITH VOC'S THAT COULD CAUSE DAMAGE TO THE OZONE LAYER.

XVI. Other Information:
Chemical State: Liquid Gas X Solid
Chemical Type: Pure X Mixture
Hazard Category: Acute Chronic Pressure Fire Reactive

Additional Manufacturer Warnings: Not Available

Additional Product Information:
THIS PRODUCT IS PROVIDED BY:
U.N.X. INCORPORATED
GREENVILLE, N.C.