I. Basic Information:

Manufacturer: U.N.X. INCORPORATED  
Contact: AMENDT; WILSON
Address: 707 ARLINGTON BLVD.  
Information Telephone Number: 252-756-8616
City, ST Zip: GREENVILLE, NC 27858  
Emergency Contact: CHEMTEL
Country: USA  
Emergency Telephone Number: 800-255-3924
Product Name: PM 8807  
Emergency Restrictions:
MSDS No.: 1008
Issue Date: 11/07/2006
Supersedes Date: 08/02/2006

II. Hazards Identification:

EMERGENCY OVERVIEW
INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.
SKIN CONTACT, CAN CAUSE TISSUE DESTRUCTION.
INGESTION, EXTREMELY HIGH TOXICITY. WILL CAUSE BURNS TO MOUTH AND THROAT.

OSHA Regulatory Status
Not Available

Potential Health Effects

Route(s) of Entry:
SKIN, EYES, INHALATION

Health Hazards (Acute and Chronic):
PRODUCT CAN IRRITATE SKIN. EYE CONTACT CAN CAUSE BURNING AND EXTREME IRRITATION.

Signs and Symptoms:
INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.
SKIN CONTACT, CAN CAUSE TISSUE DESTRUCTION.
INGESTION, EXTREMELY HIGH TOXICITY. WILL CAUSE BURNS TO MOUTH AND THROAT.

Medical Conditions Generally Aggravated by Exposure:
NONE KNOWN

Other Health Warnings:
NONE

Potential Environmental Effects
NONE KNOWN

III. Composition/Information on Ingredients:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>% Range</th>
<th>Trade Secret</th>
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</thead>
<tbody>
<tr>
<td>Diphosphoric acid, tetrapotassium salt</td>
<td>7320345</td>
<td>10-20</td>
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<tr>
<td>PSRN57948000-5004P</td>
<td>TradeSecret</td>
<td>0-5</td>
<td></td>
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<tr>
<td>PSRN57948000-5058P</td>
<td>TradeSecret</td>
<td>5-10</td>
<td></td>
</tr>
<tr>
<td>Sodium tripolyphosphate</td>
<td>7758294</td>
<td>0-5</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>7732185</td>
<td>75-85</td>
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</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. INDUCE VOMITING. CALL PHYSICIAN.
Note to Physicians:
EYES, FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF INGESTED, INDUCE VOMITING.

V. Fire Fighting Measures:

Suitable Extinguishing Media:
DRY CHEMICAL, WATERFOG, CO2, FOAM

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:
UBBER 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 COOL WATER AND DISPOSE DOWN DRAIN. FOR LARGE SPILLS, DIKE, COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF COOL WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE TO A pH OF 7.0 WITH MURATIC OR PHOSPHORIC ACID SOLUTIONS.

Other Information:
Not Available

VII. Handling and Storage:

Handling Precautions:
KEEP CONTAINER CLOSED.

Storage Precautions:
STORE IN A COOL DRY AREA.

VIII. Exposure Controls/Personal Protection:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
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</thead>
<tbody>
<tr>
<td>Water</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>PSRN57948000-5058P</td>
<td>Not Available</td>
<td>Not Available</td>
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<td>Diposphoric acid, tetrapotassium salt</td>
<td>15mg/m3</td>
<td>10mg/m3</td>
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<tr>
<td>Sodium tripolyphosphate</td>
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<td>10mg/m3</td>
<td>Not Available</td>
</tr>
<tr>
<td>PSRN57948000-5004P</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Engineering Controls:
AVOID BREATHING MIST. IF EXPOSURE IS LIKELY, USE FILTER OR PROTECTIVE 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 BATH AS SOON AS POSSIBLE.

**IX. Physical and Chemical Properties:**

- **Boiling Point:** 100°C
- **Boiling Range:** NO DATA
- **Solubility In Water:** EXCELLENT
- **Flash Point:** NO DATA
- **Odor Threshold:** NO DATA
- **Vapor Density (AIR = 1):** 1
- **pH Range:** 10.1 - 12.4
- **Decomposition Temp:** NO DATA
- **Lower Explosive Limit:** -
- **Specific Gravity (H2O = 1):** 1.12230
- **Other Information:** THIS PRODUCT CONTAINS PHOSPHATES.

**X. Stability and Reactivity:**

- **Stability:**
  - VERY STABLE
- **Conditions to Avoid:**
  - AVOID CONTACT WITH ALUMINUM, ZINC, MAGNESIUM, COPPER. EXPLOSIVE HYDROGEN GAS CAN BE RELEASED.
- **Incompatible Materials:**
  - OXIDIZABLE OR COMBUSTIBLE ORGANIC MATERIALS, STRONG OXIDIZERS.
- **Hazardous Decomposition Products:**
  - MILD DECOMPOSITION CAN RESULT GIVING OFF HYDROGEN.
- **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 COOL WATER AND DISPOSE DOWN DRAIN. FOR LARGE SPILLS, DIKE, COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF COOL WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE TO A pH OF 7.0 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
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 [x]  
- Gas [ ]  
- Solid [ ]

Chemical Type:  
- Pure [ ]  
- Mixture [x]

Hazard Category:  
- Acute [x]  
- Chronic [ ]  
- Fire [ ]  
- Pressure [ ]  
- Reactive [ ]

Additional Manufacturer Warnings:  
Not Available

Additional Product Information:  
POWER MISER