FORMULA 4401

Section 1

Aqualine Water Treatment Products Inc.
2371 Farrington Point Drive
Winston-Salem, NC  27107

Emergency Telephone
Chemtel (800)255-3924

Revision Date: 10/03

Section II

INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Cas#</th>
<th>%By Weight</th>
<th>Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Hydroxide</td>
<td>1310-73-2</td>
<td>2mg/m3</td>
<td></td>
</tr>
<tr>
<td>Sodium Mestasilicate</td>
<td>6834-92-0</td>
<td>10mg/m3</td>
<td></td>
</tr>
<tr>
<td>Sodium Nitrite</td>
<td>7632-00-0</td>
<td>None established</td>
<td></td>
</tr>
</tbody>
</table>

Section III

PHYSICAL DATA

- Boiling Point: >212F
- Melting Point: N/A
- Vapor Density: <1
- Vapor Pressure: N/A
- Appearance and Odor: Clear pale straw-yellow liquid
- Solubility in Water: Complete
- Specific Gravity: 1.039-1.049
- Evaporation Rate: 1.0
- pH: (undiluted)>12.0

Section IV

FIRE AND EXPLOSION HAZARD DATA

- Flash Point: None
- Extinguishing Method: Flood with water. Heavy water jet advantageous.
- Special Fire Fighting Procedures: If water is evaporated, the dry nitrite can break down at temperatures above 610 degrees F to release toxic nitrogen gases. Wear NIOSH approved self-contained breathing apparatus.
- Unusual Fire and Explosion Hazards: If water is evaporated, the dry nitrite is an oxidizing agent and can supply oxygen to stimulate or accelerate the combustion of other combustibles

Section V

REACTIVITY DATA

- Stability: Stable(X) Unstable( )
- Hazardous Polymerization: May Occur ( ) Will Not Occur (X)
- Incompatibility: Hazardous reactions can occur with acids, ammonium compounds, reducing agents, cyanides, thiocyanates and thiosulfates, certain combustibles, and organics.
- Hazardous Decomposition: Oxides of carbon and nitrogen may be released if water is evaporated by the heat of a fire.
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Section VI  HEALTH HAZARD DATA
Primary Routes of Exposure:   Eyes(X)  Skin(X)  Ingestion (X)  Inhalation( )
Acute Health Hazards:   Eyes: Causes severe irritation or burns
                       Skin: Prolonged contact may cause irritation
                       Ingestion: May be toxic due to high pH. Large amounts can result in acute toxic effects to internal organs, which may be fatal.
                       Inhalation: Not Established
Chronic Health Hazards:   Not Hazardous
Carcinogenicity:   NTP: Not Listed  LARC: Not Listed  OSHA: Not Listed
First Aid:   Eyes:    Flush with water for 15 minutes.  Call Physician
             Skin:    Wash with soap and water.
             Ingestion:    Drink plenty of water and call a physician.  Induce vomiting.  If cyanosis (blue skin) develops, administer oxygen.
             Inhalation:    Move to fresh air.  Call Physician.

Section VII  PERSONAL PROTECTIVE DATA
Respirator:   Use approved NIOSH/MSHA respirator if TLV is exceeded.
Ventilation:   General( )  Local( )
Protective Equipment:   Gloves(X)  Apron( )  Faceshield/Goggles(X)

Section VIII  PRECAUTIONS FOR SAFE HANDLING AND STORAGE
Spill control and recovery:   Absorb with inert solids.  Shovel into containers suitable for transport and disposal.
Waste Disposal Method:   Dispose in accordance with state, federal, and local regulations.
Storage:   Store in closed containers in a cool, dry, well-ventilated area away from heat, spark, and flame.

Section IX  DISCLAIMER
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