**Product Name:** HORIZON REVEAL

**MSDS No.: 909**

**I. Basic Information:**

**Manufacturer:** U.N.X. INCORPORATED  
**Address:** 707 ARLINGTON BLVD.  
**City, ST Zip:** GREENVILLE, NC 27858  
**Emergency Contact:** CHEMTEL  
**Emergency Telephone Number:** 800-255-3924  
**Contact:** AMENDT; MANGIN; SPICER  
**Information Telephone Number:** 252-756-8816  
**Last Update:** 06/28/2002

**Chemical State:**
- [X] Liquid  
- [ ] Gas  
- [ ] Solid

**Chemical Type:**
- [ ] Pure  
- [X] Mixture

**II. Ingredients:**

- [ ] Trade Secret

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Chemical Name</th>
<th>% Range</th>
<th>EHS</th>
<th>NTP</th>
<th>IARC</th>
<th>SARA 313</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>111762</td>
<td>2-Butoxyethanol</td>
<td>50-60</td>
<td></td>
<td></td>
<td></td>
<td>25ppm</td>
<td>25ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1336216</td>
<td>Ammonium hydroxide</td>
<td>0-5</td>
<td></td>
<td></td>
<td></td>
<td>35ppm</td>
<td>25ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7732185</td>
<td>Water</td>
<td>40-50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**III. Hazardous Identification:**

- [ ] Acute  
- [ ] Chronic  
- [ ] Fire  
- [ ] Pressure  
- [ ] Reactive

**Hazardous Identification Information:**

**IV. First Aid Measures:**

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

**Health Hazards (Acute and Chronic):**
- INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.  
- SKIN CONTACT, CAN IRRITATE OR CHAP SKIN.  
- INGESTION, WILL CAUSE GASTRIC DISTRESS, VOMITING AND DIARRHEA.

**Signs and Symptoms:**
- PRODUCT CAN IRRITATE SKIN. EYE CONTACT CAN CAUSE BURNING AND EXTREME IRRITATION.

**Medical Conditions Generally Aggravated by Exposure:**
**Product Name:** HORIZON REVEAL

**MSDS No.:** 909

**Emergency and First Aid Procedures:**

FOR SKIN, FLUSH THOROUGHLY WITH SOAP AND WATER.
FOR EYES, FLUSH WITH WARM WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN.
IF INGESTED, DRINK LARGE VOLUMES OF WATER FOLLOWED BY MILK THEN INDUCE VOMITING. CALL PHYSICIAN.
INHALATION, MOVE TO A WELL VENTILATED AREA AND CONTACT PHYSICIAN IF NORMAL BREATHING DOES NOT RESTORE WITHIN 5 MINUTES.

**Other Health Warnings:**

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**V. Fire Fighting Measures:**

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>Lower Explosive Limit</th>
<th>Upper Explosive Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>68°C</td>
<td>1.1% VOL</td>
<td>10.6% VOL</td>
</tr>
</tbody>
</table>

F.P. Method: TCC

Fire Extinguishing Media: DRY CHEMICAL; CARBON DIOXIDE FOAMER; OR WATER FOG

**Special Fire Fighting Procedures:**

USE NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS WHERE PRODUCT IS INVOLVED IN FIRE.

**Unusual Fire and Explosion:**

AVOID CONTACT WITH ACIDS AND LAUNDRY COMPOUNDS. STRONG DECOMPOSITION CAN RESULT.

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**VI. Accidental Release Measures:**

Steps to be Taken in Case Material is Released or Spilled:

FOR A SMALL SPILL, IMMEDIATELY HOE DOWN WITH COOL WATER AND DISPOSE TO DRAIN.
FOR A LARGE SPILL, DIKE, COLLECT AND CONTACT LOCAL AUTHORITIES ABOUT DISPOSAL.

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**VII. Handling and Storage:**

Precautions to be Taken:

STORE IN A COOL DRY PLACE. KEEP CONTAINER CLOSED.

Other Precautions:

DO NOT MIX WITH ANY CHLORINE PRODUCTS.

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

Ventilation Requirements:

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 (E. VINEGAR SOLUTION.).
WORK HYGIENIC PRACTICES: WASH HANDS; CHANGE OUT OF CLOTHES AS SOON AS POSSIBLE; WASH CLOTHES, SHOWER OR BATH AS SOON AS POSSIBLE.
MSDS - Material Safety Data Sheet

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IX. Physical and Chemical Properties:

Boiling Point: 171°C  Melting Point: NO DATA
Evaporation Rate (Butyl Acetate = 1): NO DATA  Vapor Pressure (mm Hg.): 0.88
Specific Gravity (H2O = 1): 0.95000  Vapor Density (AIR = 1): 4.1
Solubility in Water: EXCELLENT  Appearance and Odor: BLUE LIQUID, AMMONIA ODOR

Other Information: THIS PRODUCT CONTAINS NO PHOSPHATES
GLASS CLEANER

X. Stability and Reactivity:

Stability: VERY STABLE

Incompatibility (Materials to Avoid):

CHLORINE, HEAT

Decomposition/By Products:

Hazardous Polymerization:

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 TO DRAIN.
FOR A LARGE SPILL, DIKE, COLLECT AND CONTACT LOCAL AUTHORITIES ABOUT DISPOSAL.

XIV. Transport Information:

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: