Material Safety Data Sheet

1. Product Identification:

Trade Name: K Cl / AgCl Gel

Date Prepared or Revised: 05/09/96

2. Hazardous Ingredients:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>%</th>
<th>Exposure Limits in Air (ACGIH TLV or OSHA PEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Chloride</td>
<td>7747-40-7</td>
<td>&lt;30%</td>
<td>Changes made on 02/16/2005 by Dr. Steven Wells.</td>
</tr>
<tr>
<td>Silver Chloride</td>
<td>7783-90-6</td>
<td>&lt;1%</td>
<td></td>
</tr>
<tr>
<td>Hydroxyethyl Cellulose</td>
<td>9004-62-0</td>
<td>&lt;2%</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td></td>
<td>Balance</td>
<td></td>
</tr>
</tbody>
</table>

3. Physical Properties

Vapor Density: Not available.

Specific Gravity: >1

Solubility in Water: Miscible

Vapor Pressure, mmHg at 20°C: Not available.

Melting Point °F: 15-20°

Boiling Point °F: 220-225°

Evaporation Rate (butyl acetate =1): Not available.

Appearance and Odor: Colorless, odorless, viscuous liquid.

How to Detect This Substance (not required):

4. Fire and Explosion

Flash Point, °F (give method): Not available.
Suspected Cancer Agent?  
_x_ No, This Product's Ingredients are not found in the Lists Below.

Yes:  ___ Federal OSHA    ___ NTP    ___ IARC

Medical Conditions Aggravated by Exposure:  None known.

6. Reactivity Data
Stability:  ___x_ Stable    ___ Unstable
Conditions to avoid:  N/A

Incompatibility (Materials to Avoid):  N/A

Hazardous Decomposition Products (Including Combustion Products):  
Cl\(^-\), K\(_2\)O, Carbon Monoxide

Hazardous Polymerization:  ___ May Occur    ___x_ Will Not Occur
Conditions to avoid:

7. Spill, Leak, and Disposal Procedures
Spill Response Procedures (including employee protection measures):  Clean bulk spill using absorbent materials.

Preparing Wastes for Disposal (Container Types, Neutralization...):  No special instructions.

8. Special Handling Information
Ventilation and Engineering Controls:  N/A

Respiratory Protection (Type):  Normal use does not generate a hazardous situation.

Eye Protection (Type):  Safety glasses or goggles.

Gloves (specify Material):  Latex or rubber gloves recommended.

Other Clothing and Equipment:  N/A


Other Handling and Storage Practices:  N/A

Protective Measures During Maintenance of Contaminated Equipment:  See above.
Auto Ignition Temperature, °F: N/A

Flammable Limits in Air, Volume %: N/A

Fire Extinguishing Materials: Non flammable

___ water spray   ___ carbon dioxide   ___ other
___ foam         ___ dry chemical

Special Firefighting Procedures: None

Unusual Fire and Explosion Hazards: When heated to decomposition, it emits toxic fumes of Cl⁻ and K₂O.

5. Health Hazard Information
Symptoms of Exposure:

Inhaled: Coughing, irritating to mucous membranes, shortness of breath.

Contact with Skin or Eyes: Eye irritation.

Absorbed Through Skin: N/A

Swallowed: Irritating to mucous membranes, strong salt taste.

Health Effects or Risks from Exposure:
Acute: None known.

Chronic: A grayish primitation of the skin and mucous membranes may result from continued absorption of the silver compounds through inhalation and/or ingestion.

First Aid: Emergency Procedures
Eye Contact: Flush with copious amount of water.

Skin Contact: Wash with soap and water.

Inhaled: Remove to fresh air.

Swallowed: Induce vomiting. Drink plenty of water.