**SECTION I - Identity and Manufacturer's Information**

Manufacturer's Name, Address: Franklin Cleaning Technology - PO Box 214 Great Bend KS 67530

Product Name: Hi-Genic

Chemical Family: Aqueous solution of surfactants.

Product Number: F2700

Package Size: Quart, 1, 5, 55 Gal

EPA Reg. No: 47371-97-1124

Emergency Telephone No. 620-792-1711

Preparer: Bill Dayton

Date: 11/18/02

Signature:

**SECTION II - Hazardous Ingredients Identity Information**

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS#</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Alkyl dimethyl ethylbenzyl ammonium chloride</td>
<td>68956-79-6</td>
<td></td>
<td></td>
<td>0.09</td>
</tr>
<tr>
<td>n-Alkyl dimethyl benzyl ammonium chloride</td>
<td>68391-01-5</td>
<td></td>
<td></td>
<td>0.09</td>
</tr>
<tr>
<td>*Water</td>
<td>7732-18-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SECTION III - Physical and Chemical Characteristics**

- No Physical Hazards: x
- Flammable Gas: x
- Flammable Liquid/Solid: x
- Water Reactive: x
- Oxidizer: x
- Explosive: x
- Pyrophoric: x
- Unstable - Reactive: x
- Unstable: x
- Conditions to Avoid: Mix only with water.

Boiling Point, °F: 212°F

Solubility in Water: Complete

Evaporation Rate: 1

Vapor Pressure: Unknown

Specific Gravity (water =1): 1.01

pH: 10.5

Vapor Density: Unknown

%Volatiles by Weight: 98

Appearance and Odor: Thick blue liquid with floral fragrance.

**SECTION IV - Fire and Explosion Hazard Data**

Flash Point (Method): None

Flammable Limits: LEL: n/a UEL: n/a

Extinguishing Media: n/a

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

**SECTION V - Reactivity Data**

Stability: Unstable x

Conditions to Avoid: n/a

Incompatibility: Mix only with water.

(Hazards to Avoid)

Hazardous Decomposition Products or Byproducts: None

Hazardous Polymerization: May Occur: x Will Not Occur: n/a

Conditions to Avoid: n/a

Comments:

*Added to comply with the Pennsylvania Worker Right to Know Act of 1984 and the New Jersey Worker & Community Right to Know Act of 1983.
**SECTION VI - HEALTH HAZARD DATA**

<table>
<thead>
<tr>
<th>Route (s) of entry:</th>
<th>Inhalation</th>
<th>Skin:</th>
<th>Eye:</th>
<th>Ingestion:</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Health Hazard</td>
<td>Toxic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Highly Toxic</td>
<td>Reproductive toxin</td>
<td>Irritant</td>
<td>Corrosive</td>
<td>Sensitizer</td>
</tr>
<tr>
<td></td>
<td>See Target Organs</td>
<td></td>
<td></td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

**TARGET ORGANS**

<table>
<thead>
<tr>
<th>Organs</th>
<th>Eyes</th>
<th>Blood</th>
<th>Teratogen</th>
<th>Mucous Membranes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lungs</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heart</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kidney</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin</td>
<td>x</td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Prostate</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Liver</td>
<td>x</td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Muta</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Medical Conditions Generally Aggravated by Exposure:**
None known

**Signs and Symptoms of Exposure:**
May cause eye or skin irritation.

**Emergency and First Aid Procedures:**
In case of contact, flush eyes or skin with plenty of water for at least 15 minutes. Call a physician if irritation persists. If swallowed, immediately drink a large quantity of water. Avoid alcohol. Get medical attention.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be taken in case material is released or spilled:**
Small Spill: Mop up, rinse with water. Large Spill: Mop up, absorb with an inert absorbant, dike or turn over container as applicable.

**Waste Disposal Method:**
Small Amount: Wrap in newspaper and discard in trash container. Large Amount: Dispose in accordance with Local, State and Federal regulations.

**Potential EPA Hazardous Waste Code(s):** n/a

**Steps to be taken in handling and storage:**
Protect from freezing. Store at 40 - 90 F. Read and follow label use directions. Keep out of reach of children.

**SECTION VIII - CONTROL MEASURES**

**Respiratory Protection (Specify Type):**
None required

**Ventilation:**
Local Exhaust:  
Mechanical:  
Special:  

**Protective Gloves:**
None required  
Eye Protection:  
None required  

**Other Protective Clothing and Equipment:**
None required

**SECTION IX - SHIPPING INFORMATION**

**DOT Proper Shipping Name and Number:**
Not regulated

NE = Not Established  
N/A = Not Applicable