### SECTION 2. Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>Specific Chemical Identity</th>
<th>Common Names</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quatyrolym Ammonium Glucones CAS# 6889-01-5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 3. Physical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>ND</td>
</tr>
<tr>
<td>Specific Gravity (H2O + D)</td>
<td>ND</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>ND</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate =1)</td>
<td>ND</td>
</tr>
<tr>
<td>Melting Point</td>
<td>NA</td>
</tr>
<tr>
<td>Appearance &amp; Odor</td>
<td>Clear liquid with no odor.</td>
</tr>
</tbody>
</table>

### SECTION 4. Fire & Explosion & Hazard Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Method Used)</td>
<td>NA</td>
</tr>
<tr>
<td>Flammable Limits (LEL)</td>
<td>NA</td>
</tr>
<tr>
<td>LFL: NA UEL: NA</td>
<td></td>
</tr>
<tr>
<td>Extinguishing Media: DRY</td>
<td></td>
</tr>
<tr>
<td>Chemical, water fog, CO2 foam.</td>
<td></td>
</tr>
</tbody>
</table>

**Special Fire Fighting Procedures:** Product presents an unusual fire hazard and requires no special precautions. **Unusual Fire and Explosion Hazards:** None known.

### SECTION 5. Reactivity Data

- **Stability:** Stable
- **Incompatibility:** Materials to avoid: Strong oxidizing agents or reducing agents.
- **Decomposition or Byproducts:** None
- **Hazardous Polymerization:** Will Not Occur

### SECTION 6. Health Hazard Data

- **Routes of Entry:** Eyes X, Inhalation X, Skin X, Ingestion X
- **Health hazard (Acute & Chronic):** May be irritating to eyes or skin with some individuals. May be fatal if swallowed.
- **Carcinogenicity:** None
- **IARC Monographs:** NTP
- **OSHA Regulated:** Yes

### SECTION 7. First Aid Measures

- **Ingestion:** If ingested, drink large quantities of water. Seek medical attention. Eyes: Immediately flush with a directed stream of water for at least 15 minutes holding the eyelids apart. The eyes should be washed until irritation is gone.

### SECTION 8. Precautions for Safe Handling & Storage

- **Steps to take in case material is released or spilled:** If spilled, steps should be taken to contain spill. Can area of spill immediately. Follow protective measures provided under Control Measures in Section 9.
- **Precautions to be taken in handling or storing:** For best product performance store in cool, dry area.

### SECTION 9. Control Measures

- **Respiratory Protection (Special Type):** None
- **Ventilation:** Local Exhaust: NA, Special: NA
- **Mechanical (General):** NA
- **Other Protective Clothing or Equipment:** None
- **Eye Protection:** Required

### SECTION 11. Toxicological Information

- **May be irritating to skin, will irritate eyes.**

### SECTION 12. Ecological Information

- **There is limited information available on the environmental fate and effects of this material.** It is insoluble in water. Disposal should be exercised to prevent the accidental release of this material to the environment. In concentrated forms this product may show trace levels of toxicity to aquatic organisms.

### SECTION 13. Disposal Considerations

- **Dispose of all waste and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.**

### SECTION 14. Transportation Information

- **This product is not regulated. DOT class 55.**

### SECTION 15. Regulatory Information

We request that you make all information in this Material Safety Data Sheet available to all employees.

**AHA TITLE III HAZARD CATEGORIES:** If the word "YES" appears next to any category, this product may be regulated by you. Consult the requirements of 49 CFR 392. For more information, please consult the regulations for details. **Immediate Action Health:** Yes

**HMIS HAZARD RATINGS:** Health Hazard: 1, Fire Hazard: 1, Reactivity: 0

**INTERNATIONAL REGULATIONS:** Consult the regulations of the importing country.

### SECTION 16. Other Information

- **Material ID:** AHA (Title III) Hazards, Summary Sheet, Acute, 9/92
- **OSHA:** OSHA (Title III) Hazards, Summary Sheet, Acute, 9/92
- **ACGIH:** American Conference of Governmental Industrial Hygienists
- **IMPORTANT:** The information presented herein was prepared by competent technical experts and is accurate to the best of our knowledge. While every effort was made to ensure that the information was accurate and complete, we cannot be held responsible for the accuracy of this information. No liability is assumed for any errors or omissions or for the use of this information. This material is not designed to be used as a substitute for practice or professional diagnostic procedures, the use of which for this purpose would require the employment of qualified and licensed physicians and dentists. No damage or injury can be caused by using this document in a manner that is not consistent with the recommendations or instructions therein.