0.12% Chlorhexidine Gluconate Oral Rinse

MATERIAL SAFETY DATA SHEET

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

• **Material Name:** Chlorhexidine Gluconate Oral Rinse **Item Number:** NA

• **Hazard Rating** *(4=EXTREME, 3=HIGH, 2=Moderate, 1=SLIGHT):*
  - Health: 0
  - Flammability: 2
  - Reactivity: 0

• **Company Identification:**
  - Xttrium Laboratories, Inc.
  - 415 West Pershing Road
  - Chicago, Illinois 60609

  • **Toll Free Phone Number:** 1-800- 587-3721
  • **Emergency Phone Number:** 773-268-5800
  • **Date** 05/2007

COMPOSITION & INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>78732-18-5</td>
<td></td>
</tr>
<tr>
<td>Alcohol</td>
<td>89-78-1</td>
<td></td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
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<tr>
<td>PEG-40 sorbitan diisostearate</td>
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<tr>
<td>Sodium Saccharin</td>
<td>128-44-9</td>
<td></td>
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<tr>
<td>Flavor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chlorhexidine gluconate</td>
<td>18472-51-0</td>
<td></td>
</tr>
<tr>
<td>FD&amp;C Blue No. 1</td>
<td>3844-45-9</td>
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</tr>
</tbody>
</table>

HAZARDS IDENTIFICATION

• **Emergency Overview:** This blue liquid may produce transient eye irritation. Ingestion of large amounts may produce signs of alcohol intoxication.

• **Potential Health Effects:**
  - **Eye** - May produce transient eye irritation.
  - **Skin** - NA
  - **Inhalation** - NA
  - **Ingestion** - Ingestion of large amounts may produce signs of alcohol intoxication.

FIRST AID MEASURES

• **Eye** - Rinse thoroughly with water.
• **Oral irritation** - Discontinue use, see MD if symptoms persist.
• **Skin** - Rinse with water.
• **Intoxication** - Seek medical attention and/or if greater or equal to 8 oz is ingested.
**FIRE FIGHTING MEASURES**
- **Flash Point & Method:** 112°F (closed cup)
- **Explosive Limits:** NK
- **Autoignition Temperature:** NK
- **Flammability Classification:** Combustible liquid as defined by the OSHA Hazard Communication Standard
- **Hazardous Products of Combustion:** None known
- **Extinguishing Media:** Use water spray, dry chemical, alcohol foam or CO$_2$
- **Fire Fighting Instructions:** Use water to keep fire exposed containers cool.
- **Other Fire Fighting Considerations:** None known

**ACCIDENTAL RELEASE MEASURES**
- **Personal Precautions:** None known
- **Environmental Precautions:** None known
- **Procedures for Spill/Leak Clean-up:** Dilute with water. Keep away from ignition sources. Perform waste disposal in compliance with all applicable regulations. Flush down sewer with large quantities of water.

**HANDLING AND STORAGE**
- **Precautions for Safe Handling:** Handling/storage area must be well ventilated, cool and dry. Materials must be isolated from potential sources of ignition. Fire fighting equipment must be available at all times.
- **Conditions for Safe Storage:** See immediately above
- **Other Recommendations:** Store product at a temperature above freezing (> 32 °F).

**EXPOSURE CONTROLS, PERSONAL PROTECTION**
- **Engineering Controls:** None required
- **Personal Protective Equipment**
  - **Eye:** None required
  - **Skin:** None required
  - **Inhalation:** None required
- **Other Controls:** None

**PHYSICAL AND CHEMICAL PROPERTIES**
- **Appearance:** Clear, blue liquid
- **Color:** Blue
- **Odor:** Minty
- **Odor Threshold:** NK
- **Physical State:** Liquid
- **Vapor Density:** NK
- **Melting Point:** NA
- **Boiling Point:** ~190°F
- **Solubility in Water:** Very soluble
- **Other Data:** None
- **Vapor Pressure:** 721 mm Hg
- **Specific Gravity:** -1.0

**STABILITY AND REACTIVITY**
- **Possible Hazardous Reactions/Conditions:** None known
- **Conditions to Avoid:** None known
- **Materials to Avoid:** None known
• **Hazardous Decomposition Products:** None known
• **Other Recommendations:** Protect from light, avoid acidic conditions, and avoid prolonged exposure to elevated temperatures. Maintain at or below 77° and above 32°F.

**TOXICOLOGICAL INFORMATION** Not applicable under normal conditions of use.
**ECOLOGICAL INFORMATION** Not applicable under normal conditions of use.
**DISPOSAL CONSIDERATIONS** Perform waste disposal in compliance with all applicable regulations. Flush down sewer with large quantities of water.
**TRANSPORT INFORMATION** DOT classification: Combustible liquid, not regulated in packages of less than 110 gallons. The product will not sustain combustion nor does it pose a significant fire hazard when used as intended.
**ADDITIONAL REGULATORY INFORMATION** 0.12% Chlorhexidine Gluconate Oral Rinse is a prescription drug regulated by the Food and Drug Administration. 0.12% Chlorhexidine Gluconate Oral Rinse is a combustible liquid within the definition of the OSHA Hazard Communication standard.
**OTHER INFORMATION DISCLAIMER:** This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment.