Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be consulted for specific requirements

Identity (As used on label and list)
Mariotta Green Mouthwash

SECTION I: COMPANY AND CHEMICAL IDENTIFICATION

Manufacturers Name
Chester Labs, Inc.
Address
1900 Section Rd., Suite A
City, State, Zip Code
Cincinnati, OH 45237

SECTION II: HAZARDOUS COMPONENTS

Hazardous Components (Specific Chemical Identity: Common Name(s))

<table>
<thead>
<tr>
<th>Chemical</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denatured Ethanol CAS 64-17-5</td>
<td>1000 ppm</td>
<td>1000 ppm (for pure ethanol)</td>
</tr>
<tr>
<td>Polysorbate 80</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Sodium Benzoate CAS 532-32-1</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Sodium Saccharin CAS 128-44-9</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>FD&amp;C Blue #1 CAS 2650-18-2</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>FD&amp;C Yellow #5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/A = Ingredient not usually considered hazardous; no TLV or PEL available

This product contains no SARA 313 reportable substances

SECTION III: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212° F
Specific Gravity (H2O = 1): 1.0
Vapor Pressure (mm Hg.): 17.5
Melting Point: N/A
Vapor Density (AIR = 1): N/A
Evaporation Rate (Butyl Acetate = 1): N/A
Solubility in Water: Soluble
Appearance and Odor: Green liquid, pleasant mint odor

SECTION IV: HEALTH HAZARDS

Hazard Rating Scale: Health = 1, Fire = 0, Reactivity = 0

SECTION V: FIRE AND EXPLOSION HAZARDS

Flash Point (Method Use): N/A
Flammable Limits: N/A
Extinguishing Media: Dry chemical, alcohol foam or carbon dioxide
Special Fire Fighting Procedures: Does not burn well due to water content

Unusual Fire and Explosion Hazards: None
<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Stable X</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Extreme temperatures</td>
</tr>
<tr>
<td>Incompatibility (Materials to Avoid)</td>
<td>Strong oxidizers, strong acids</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazardous Decomposition or Byproducts</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>May Occur</td>
<td>Will Not Occur X</td>
<td>Conditions to Avoid</td>
</tr>
</tbody>
</table>

**Route(s) of Entry:**
- Inhalation: Not significant
- Skin: Possible
- Ingestion: Possible

**Health Hazards (Acute and Chronic):**
- Acute: CNS, skin effects
- Chronic: Over exposure to sodium saccharin caused development of bladder cancer in rats.

**Carcinogenicity:**
- NTP: Yes
- IARC Monographs: Yes
- OSHA Regulated: No

**Signs and Symptoms of Exposure:**
Acute: over exposure could result in headaches, drowsiness/tiredness/loss of concentration

- Loss of appetite
- Skin irritation with prolonged exposure

**Medical Conditions**
Generally Aggravated by Exposure: Skin, liver, kidney and bladder disease

**Emergency and First Aid Procedures:**
- Skin: wash with soap and water.
- Eyes: rinse for 15 minutes, contact physician.
- Ingestion: contact physician if vomiting or other GI symptoms develop.

**Steps to be Taken in Case Material is Released or Spilled:**
Wipe up small amounts and flush area to drain; collect and return large amounts to container for disposal.

**Waste Disposal Method:** Dispose of in accordance with all applicable local, state, and federal regulations

**Precautions to be Taken in Handling and Storing:**
Store in cool, dry place

**Other Precautions:** None

**Respiratory Protection (Specific Type):** NIOSH approved respirator if PEL is exceeded

- Ventilation: Local Exhaust N/A
- Mechanical (General): To keep exposure below PEL
- Special: N/A
- Other: N/A

**Protective Gloves:** If prolonged exposure

**Eye Protection:** If splashing likely

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

**Work/Hygienic Practices:** None