**SECTION 1 - PRODUCT IDENTIFICATION**

Product Name: LOD NEUTRAL 256
Product ID#: 145509
Generic Name: Disinfectant and Cleaner
Supplier's Name: BIRSCH INDUSTRIES, INC.
Supplier's Address: 476 Viking Drive, Suite 102
Virginia Beach, VA 23452
Emergency Phone Number: (800) 255-3924
Information Phone Number: (757) 622-0355

**SECTION 2 - INGREDIENTS**

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS #</th>
<th>WT. %</th>
<th>TWA-TLV</th>
<th>STEL-TLV</th>
<th>CARCINOGEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60.65</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Alkyl dimethyl benzyl ammonium chloride</td>
<td>68424-85-1</td>
<td>8.680</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Octyl dimethyl ammonium chloride</td>
<td>68424-95-3</td>
<td>6.510</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Dioctyl dimethyl ammonium chloride</td>
<td>5538-94-3</td>
<td>3.255</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Didecyl dimethyl ammonium chloride</td>
<td>7173-51-5</td>
<td>3.255</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>0-5.0</td>
<td>N/A</td>
<td>N/A</td>
<td>No</td>
</tr>
</tbody>
</table>

**SECTION 3 - PHYSICAL DATA**

- Boiling Point: 212°F
- Vapor Pressure: 20mm Hg@68°F
- % Volatile: 81
- Solubility in Water: Complete
- Physical Description: Yellow liquid, lemon odor.
- VOC (at dilution): 0.02%

**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**

- Flash Point: (54.4°C), 130°F PMCC
- Upper Explosive Limit: N/A
- Extinguishing Media: Dry chemical, foam, carbon dioxide, water fog.
- Special Fire Fighting Procedures: Wear full Turn-Out gear, full breathing apparatus.

**SECTION 5 - REACTIVE DATA**

- Stability: Stable
- Hazardous Polymerization: Will not occur
- Incompatibility (Materials to Avoid): Strong Oxidizing Agents
- Hazardous Decomposition Products: Nitrous Oxides and Ammoniacal vapors

**SECTION 6 - STORAGE AND HANDLING INFORMATION**

- Precautions to be Taken in Handling and Storage: Avoid overheating or freezing.
- Store in a cool, well-ventilated area. Avoid sparks or flames. Ground equipment when transferring or using material.

**SECTION 7 - HEALTH HAZARDS AND FIRST AID**

- Effects of Overexposure
  - Primary Route of Entry:
    - Skin: Prolonged or repeated contact may cause irritation
    - Eyes: Irritation
    - Inhalation: Irritation, chemical burns, vapors may cause drowsiness, nausea, loss of motor skills, or disorientation
    - Ingestion: Chemical burns
  - First Aid Procedures
    - Skin: Wash skin and remove contaminated clothing. Do not reuse clothes.
    - Eyes: Flush eyes immediately with plenty of water for at least 15 minutes.
    - Inhalation: Remove to fresh air. Use oxygen or artificial respiration, if needed.
    - Ingestion: Consult physician immediately.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

- Ventilation: provide adequate ventilation
- Eye Protection: Safety Glasses

**SECTION 9 - SPILL OR LEAK PROCEDURES**

- Waste Disposal Method: Dispose in accordance with all Federal, State, and Local regulations.

**SECTION 10 - TRANSPORTATION**

- U.S. DEPARTMENT OF TRANSPORTATION (DOT)
  - Hazardous Material Description and Proper Shipping Name: Disinfectants, Liquid, toxic, n.o.s.
  - Hazard Class or Division: 6.1
  - Identification Number: UN3142