MATERIAL SAFETY DATA SHEET

Name: HBV Disinfectant 256
Product Number: HBV1033
EPA Reg. No. 3377-57-1674

SECTION I: Manufacturer Information
Manufacturer: M.D. Stetson Company, Inc.
Address: 92 York Avenue
       Randolph, MA 02368
Telephone: 781-986-6161
Emergency Telephone: 1-800-535-5053
Date Prepared: 06/02/04
Supersedes Date: NEW
Preparer: Jay C. Chapin

SECTION II: Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS Number</th>
<th>Percent</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Di-n-decyl dimethyl ammonium chloride</td>
<td>7173-51-5</td>
<td>9.45%</td>
<td>N/E</td>
<td>N/A</td>
</tr>
<tr>
<td>Dimethyl benzyl ammonium chloride</td>
<td>68391-01-5</td>
<td>11.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tetrasodium ethylene diamine tetra acetate</td>
<td>64-02-8</td>
<td>0.2</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Linear alcohol ethoxylate</td>
<td>66455-15-0</td>
<td>N/E</td>
<td>N/E</td>
<td></td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>2.95</td>
<td>1000ppm</td>
<td>1000ppm</td>
</tr>
</tbody>
</table>

SARA Section 313 Toxic Chemicals: None

SECTION III: Physical/Chemical Characteristics
Boiling Point: N/D
Specific Gravity: 1.02g/ml
Solubility in Water: Complete
Volatile Organic %: 2.95%
Appearance and Odor: Blue liquid, odor characteristic.
Vapor Pressure: 17.5mm @ 68°F
pH: 9.9

SECTION IV: Fire and Explosion Hazard Data
Flash Point: None
Extinguishing Media: Water solution, will not burn
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None known
Flash Point: None
Extinguishing Media: Water solution, will not burn
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None known

SECTION V: Reactivity Data
Stability:
☑ Stable
☐ Unstable
Incompatibility (materials to avoid):
Do not mix with chlorine bleach or acid cleaners.
Hazardous Decomposition or Byproducts:
Hydrochloric acid, oxides of carbon and carbon.
Hazardous Polymerization:
☐ May Occur
☑ Will Not Occur

NONE LISTED AS HAZARDOUS? [ ]

N/A - Not Applicable   N/E - Not Established   N/D - Not Determined   ca. - Approximately
SECTION VI: Health Hazard Data/First Aid Procedures

Routes of Exposure: Inhalation ☒ Eyes ☒ Skin ☒ Ingestion ☒

Signs and Symptoms of Exposure
- Acute: Inhalation of misted product causes irritation to mucous membranes. Corrosive to eyes. Irritates skin. Ingestion may be fatal (n-alkylammonium chloride LD50 366mg/kg). Throat irritation. Burning pain in mouth.
- Chronic: No information

Carcinogenicity: NTP No IARC Monographs No OSHA Regulated No

Medical Conditions Generally Aggravated by Exposure: Existing dermatitis

Emergency First Aid Procedures
- Inhalation: Move victim to fresh air. Give artificial respiration if victim is not breathing. Get medical attention.
- Eyes: Flush with water for at least 15 minutes. Get medical attention.
- Skin: Flush with water. Remove contaminated clothing. Get medical attention if irritation persists.
- Ingestion: Drink milk, egg whites, gelatin solution or, if these are unavailable, drink plenty of water. Get medical attention. Note to physician: Probable mucosal damage may counterindicate the use of gastric lavage.

SECTION VII: Precautions for Safe Handling and Use

Handling and Storage: Keep out of reach of children. Store at ambient room temperature.

Release or Spill: Dike and Contain. Collect for disposal. Do not allow product into streams or bodies of water/drain. Product is toxic to fish.

Waste Disposal: This product is EPA/FIFRA registered and is under 40CFR disposal regulations.

SECTION VIII: Control and Protection Measures

Respiratory Protection: Do not breathe the mist.

Ventilation: Ventilation recommended.

Protective Gloves: Use of protective gloves is recommended.

Eye Protection: ANSI approved chemical goggles required.

Other Protective Clothing or Equipment: None required.

Work/Hygienic Practices: Avoid contamination of food.

SECTION IX: Transportation (DOT Classification)

Hazard Class: 8, Corrosive liquid, N.O.S. (quaternary ammonium compound) Unit 60, II.

Hazard categories for SARA 311/312
- Health (immediate) Yes
- Health (delayed) No

N/A - Not Applicable N/E - Not Established N/D - Not Determined ca. - Approximately