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| HAZARD RATING: 4 - SEVERE 3 - SERIOUS 2 - MODERATE 1 - SLIGHT 0 - MINIMAL |  | <h1 style="margin: 0;">MATERIAL SAFETY DATA SHEET</h1> <p style="margin: 5px 0;">Name: HBV Disinfectant 256 (Product Central# 103)</p> <p style="margin: 5px 0;">Product Number: PC103 EPA Reg. No. 3377-57-1674</p> |
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SECTION I: Manufacturer Information

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| 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: 05/20/04 Supersedes Date: 02/25/02 Preparer: Jay C. Chapin |
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SECTION II: Ingredients/Identity Information

| Components | CAS Number | Percent | OSHA PEL | ACGIH TLV |
|--|------------|---------|-------------|-----------|
| Di-n-decyldimethyl ammonium chloride | 7173-51-5 | 9.45% | N/E by OSHA | or ACGIH |
| Dimethyl benzyl ammonium chloride | 68391-01-5 | 11.5 | N/A | N/A |
| Tetrasodium ethylene diamine tetra acetate | 64-02-8 | 0.2 | N/A | N/A |
| Linear alcohol ethoxylate | 66455-15-0 | | N/E | N/E |
| Ethyl alcohol | 64-17-5 | 2.95 | 1000ppm | 1000ppm |

SARA Section 313 Toxic Chemicals: None

SECTION III: Physical/Chemical Characteristics

| | | |
|--------------------------------------|---|----------------|
| Boiling Point: N/D | Vapor Pressure: 17.5mm @ 68°F | pH: 9.9 |
| Specific Gravity: 1.02g/ml | Vapor Density: Heavier than air | |
| Solubility in Water: Complete | Evaporation Rate: Like water | |
| Volatile Organic %: 2.95% | Appearance and Odor: Blue liquid, odor characteristic. | |

SECTION IV: Fire and Explosion Hazard Data

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|---|----------------------------------|
| Flash Point: None | Flammable Limits: LEL N/A |
| Extinguishing Media: Water solution, will not burn | UEL N/A |
| Special Fire Fighting Procedures: None | |
| Unusual Fire and Explosion Hazards: None known | |

SECTION V: Reactivity Data

Stability:
 Unstable **Conditions to Avoid:** None known
 Stable

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 **Conditions to Avoid:** None known
 Will Not Occur

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

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Product Name: **HBV Disinfectant 256** (Product Central #103)

Number: **PC103**

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/drains. 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 breath 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 compund) Unit 60, II.

SECTION X: Other Regulatory Controls

None

N/A - Not Applicable

N/E - Not Established

N/D - Not Determined

ca. - Approximately