

<b>HAZARD RATING:</b> 4 - SEVERE 3 - SERIOUS 2 - MODERATE 1 - SLIGHT 0 - MINIMAL		<h1 style="margin: 0;">MATERIAL SAFETY DATA SHEET</h1>	
<b>REACTIVITY</b> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 10px;">             0 0 0           </div> <div style="text-align: center; margin-right: 10px;">             0 0 0           </div> <div style="text-align: center; margin-right: 10px;">             0 0 0           </div> <div style="text-align: center; margin-right: 10px;">             0 0 0           </div> <div style="text-align: center; margin-right: 10px;">             0 0 0           </div> <div style="text-align: center; margin-right: 10px;">             0 0 0           </div> <div style="text-align: center; margin-right: 10px;">             0 0 0           </div> <div style="text-align: center;">             0 0 0           </div> </div>	<b>HEALTH</b> <b>SPECIAL</b>	<b>Name:</b> <span style="font-size: 1.2em;">HBV Disinfectant 256</span> <b>Product Number:</b> HBV1033 <div style="text-align: right; margin-top: 5px;"> <b>EPA Reg. No.</b>              3377-57-1674           </div>	
<b>SECTION I: Manufacturer Information</b>			
<b>Manufacturer:</b> M.D. Stetson Company, Inc. <b>Address:</b> 92 York Avenue Randolph, MA 02368 <b>Telephone:</b> 781-986-6161		<b>Emergency Telephone:</b> 1-800-535-5053 <b>Date Prepared:</b> 06/02/04 <b>Supersedes Date:</b> NEW <b>Preparer:</b> Jay C. Chapin	
<b>SECTION II: Hazardous Ingredients/Identity Information</b>			
<b>Components</b>	<b>CAS Number</b>	<b>Percent</b>	<b>OSHA PEL</b> <b>ACGIH TLV</b>
Di-n-decyldimethyl ammonium chloride	7173-51-5	9.45%	N/E by OSHA or ACGIH
Dimethyl benzyl ammonium chloride	6830-01-5	11.5	
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
<div style="transform: rotate(-30deg); font-weight: bold; font-size: 1.5em; opacity: 0.5;">             NONE LISTED AS HAZARDOUS?           </div>			
<b>SARA Section 313 Toxic Chemicals:</b> None			
<b>SECTION III: Physical/Chemical Characteristics</b>			
<b>Boiling Point:</b> N/D <b>Specific Gravity:</b> 1.02g/ml <b>Solubility in Water:</b> Complete <b>Volatile Organic %:</b> 2.95%	<b>Vapor Pressure:</b> 17.5mm @ 68°F <b>pH:</b> 9.9 <b>Vapor Density:</b> Heavier than air <b>Evaporation Rate:</b> Like water <b>Appearance and Odor:</b> Blue liquid, odor characteristic.		
<b>SECTION IV: Fire and Explosion Hazard Data</b>			
<b>Flash Point:</b> None <b>Extinguishing Media:</b> Water solution, will not burn <b>Special Fire Fighting Procedures:</b> None <b>Unusual Fire and Explosion Hazards:</b> None known		<b>Flammable Limits:</b> Lower N/A Upper N/A	
<b>SECTION V: Reactivity Data</b>			
<b>Stability:</b> <input type="checkbox"/> Unstable <b>Conditions to Avoid:</b> None known <input checked="" type="checkbox"/> Stable			
<b>Incompatibility (materials to avoid):</b> Do not mix with chlorine bleach or acid cleaners.			
<b>Hazardous Decomposition or Byproducts:</b> Hydrochloric acid, oxides of carbon and carbon.			
<b>Hazardous Polymerization:</b> <input type="checkbox"/> May Occur <b>Conditions to Avoid:</b> None known <input checked="" type="checkbox"/> Will Not Occur			
<b>N/A - Not Applicable    N/E - Not Established    N/D - Not Determined    ca. - Approximately</b>			

# MATERIAL SAFETY DATA SHEET - Page 2

Product Name: **HBV Disinfectant 256**

Number: **HBV103**

## 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 breathe 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.

## SECTION X: Other Regulatory Controls

Hazard categories for SARA 311/312 Health (immediate) Yes  
Health (delayed) Yes

N/A - Not Applicable

N/E - Not Established

N/D - Not Determined

ca. - Approximately