### SECTION 1 - IDENTITY

**Common Name:** (used on label) **BACTINE Brand Hydrocortisone 0.5%**  
**Trade Name & Synonym(s):**  
**Product Code:** 2109  
**Chemical Name:** Active ingredient: Hydrocortisone 0.5%  
**Chemical Family:** Mixture  
**CAS No.:** None  

### SECTION 2 - HAZARDOUS INGREDIENTS

**Hazardous Components - (chemical & common names):** None  
**Hazard:** For additional information see Section 4.  
**TLV Units:** None

### SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapor Pressure (mm hg)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Percent Volatile by Volume (%)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Evaporation Rate (=1)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Reactivity in Water/Air</td>
<td>None</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>White cream in plastic tube</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Flammable Limits in Air % by Volume</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Extinguisher Media</td>
<td>Water</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>None</td>
</tr>
</tbody>
</table>

### SECTION 4 - HEALTH HAZARDS

**OSHA Permissible Exposure Limit:** Not established.  
**ACGIH Threshold Limit Value:** Not established.  
**Other Exposure Limit Used:** None  

**Signs and Symptoms - Acute Overexposure:** Toxicity should not occur from an acute overexposure to this product.  
**Signs and Symptoms - Chronic Overexposure:** Chronic overexposure may result in symptoms of adrenal suppression upon discontinuation: Weakness, anorexia, nausea, vomiting, fatigue, weight loss, hyperpigmentation, electrolyte abnormalities.  
**Medical Conditions Generally Aggravated by Exposure:** Infection, diabetes, subcutaneous atrophy, delayed wound healing, hypersensitivity reaction to propylparaben (an inactive ingredient)  
**Primary Route(s) of Exposure:** Topical, Oral  
**Emergency and First Aid Procedures:** Contact your regional poison control center or physician immediately. Additional information may be obtained by contacting Miles Inc. at 203/937-2373 or 1-800/468-0894.  

**Hygienic Practices:** Normal clinical.  
**Chemical Listed as Carcinogen or Potential Carcinogen:** None
SECTION 5 - PHYSICAL HAZARDS

Stability: Unstable [ ]
Stable [x ]

Incompatibility
(Materials to Avoid) None

Hazardous Decomposition Products None

Hazardous May Occur [ ]
Polymerization Will Not Occur [x ]

Conditions to Avoid

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection

None for normal use.

Ventilation

None for normal use.

Work Practices Not applicable.

Protective Gloves

None for normal use.

Eye Protection

None for normal use.

Other Protective Clothing or Equipment

None for normal use.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken
in Handling and Storage None

Steps to be Taken in Case Material is Released or Spilled Contain for disposal.

Waste Disposal Methods Dispose as normal solid waste.

SECTION 8 - ADDITIONAL INFORMATION

For external use only - avoid contact with eyes.

Signature of Person
Responsible for Preparation

Dieter Neuser, M.D., Ph.D.

Prepared March 1991

Telephone No. 219/264-8142

Date Revised November 1991

The opinions expressed herein are those of qualified experts within Miles, Inc. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Miles, Inc., it is the user's obligation to determine the conditions of safe use of the product.