**PRODUCT NAME-IDENTITY:** Gentamicin Sulfate Solution  
**CHEMICAL FAMILY:** Antibiotic  
**CAS CLASSIFICATION:** 1405-41-0

**MANUFACTURER NAME:** Sparhawk Laboratories  
**ADDRESS:** 12340 Santa Fe Trail Drive  
Lenexa, KS 66215  
**TELEPHONE # FOR INFORMATION:** 913-888-7500  
**DATE PREPARED:** 07/19/12

### HAZARDOUS INGREDIENT IDENTITY INFORMATION

**HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAMES):** None Established

### PHYSICAL/CHEMICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>212°F</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.0 – 1.1</td>
</tr>
<tr>
<td>Vapour Pressure (mm Hg.)</td>
<td>Not Available</td>
</tr>
<tr>
<td>Vapour Density (Air = 1)</td>
<td>Not Available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Negligible</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>NLT 50%</td>
</tr>
<tr>
<td>pH</td>
<td>3.0 – 5.5</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Clear, practically odorless solution</td>
</tr>
</tbody>
</table>

### FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** Not considered flammable.  
**Flammable Limit:** Not Available, Not considered flammable

**Extinguishing Media:** Foam, Carbon Dioxide, Dry Chemical

**Special Fire Fighting Procedure:** None

**Unusual Fire & Explosion Hazards:** None

### REACTIVITY DATA

**Stability:** Stable

**Hazardous Decomposition of Byproducts:** Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur oxides, HCl

**Incompatibility: (Materials to Avoid):** None

**Hazardous Polymerization:** May Occur

**Conditions to Avoid:** None

**Will Not Occur:** None
**MATERIAL SAFETY DATA SHEET**

**Gentamicin Sulfate Solution**

**Sparhawk Laboratories**

**HEALTH HAZARD DATA**

<table>
<thead>
<tr>
<th>ROUTES OF ENTRY</th>
<th>HEALTH HAZARD (ACUTE &amp; CHRONIC):</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIN/EYES?</td>
<td>May cause irritation. Flush with copious amounts of water.</td>
</tr>
<tr>
<td>INHALATION?</td>
<td>May be irritating to mucous membranes of upper respiratory tract. Remove to fresh air.</td>
</tr>
<tr>
<td>INGESTION?</td>
<td>May cause irritation. Poorly absorbed from GI tract.</td>
</tr>
</tbody>
</table>

**CARCINOGENICITY:** Not Available

**SIGNS & SYMPTOMS OF EXPOSURE:** Eye or Skin irritation. Ingestion may produce abdominal pain, vomiting

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Hypersensitivity to material, impaired kidney function, Myasthenia Gravis, Parkinson's Disease and eighth cranial nerve impairment.

**EMERGENCY & FIRST AID PROCEDURES:**
- **Skin:** Wash with soap and water
- **Eyes:** Flush with water for a minimum of 15 minutes
- **Inhalation:** Remove to fresh air.
- **Ingestion:** Drink plenty of water. Call a physician if pain persists.

**PRECAUTIONS FOR SAFE HANDLING AND USE**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wipe up or use absorbent material to collect.

**WASTE DISPOSAL METHOD:** Dispose of by normal procedures.

**PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:** Use according to label directions.

**OTHER PRECAUTIONS:** None

**CONTROL & SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** None

**VENTILATION:**
- LOCAL EXHAUST: ☒ MECHANICAL:
- SPECIAL: None

**PROTECTIVE GLOVES:** Gloves are recommended

**EYE PROTECTION:** Goggles

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None

**WORK/HYGIENIC PRACTICES:** Not available

**OTHER:** Not available.

The above information is believed to be accurate and represents the best information available to us at the time this Material Safety Data Sheet was prepared. The information is provided to our customers in good faith; however, no warranty, expressed or implied, is made.