SAFETY DATA SHEET

LIDOCAINE INJECTION

Section 1: Identification of the Substance and Supplier

Product Name
Lidocaine Injection

Recommended Use
Lidocaine is a potent local anesthetic for producing epidural, nerve conduction and infiltration anesthesia.

Company Details
Sparhawk Laboratories Inc. 12340 Santa Fe Trail Dr. Lenexa, Ks. 66215

Emergency Telephone
800-424-9300

Date of Preparations
11/06/15

Section 2: Hazards Identification

Hazard Classification
None

Priority Identifiers
Warning

Secondary Identifiers
Overexposure may result in eye irritation. Ingestion: Nervousness, tremors, dizziness, blurred vision, convulsions and possibly cardiac arrest.

Risk & Safety Phrases
None

Section 3: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disodium Edetate</td>
<td>139-33-3</td>
<td>.001%</td>
</tr>
<tr>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
<td>.278%</td>
</tr>
<tr>
<td>Lidocaine</td>
<td>137-58-6</td>
<td>1.74%</td>
</tr>
<tr>
<td>Methyl Paraben</td>
<td>99-76-3</td>
<td>.15%</td>
</tr>
<tr>
<td>Propyl Paraben</td>
<td>94-13-3</td>
<td>.03%</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>57-55-6</td>
<td>5.18%</td>
</tr>
<tr>
<td>Sodium Chloride USP</td>
<td>7647-14-5</td>
<td>0.528%</td>
</tr>
<tr>
<td>Sodium Lactate 60%</td>
<td>72-17-3</td>
<td>.476%</td>
</tr>
<tr>
<td>Sodium Metabisulfite</td>
<td>7681-57-4</td>
<td>.140%</td>
</tr>
<tr>
<td>Water for Injection</td>
<td>7732-18-5</td>
<td>QS</td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures

Necessary First Aid Measures
Eyes: Flush with large amounts of water and seek medical attention.
Skin: Thoroughly wash area with soap and water. Inhalation: Provide fresh air and if necessary give oxygen.
Ingestion: Give several glasses of water to dilute and seek medical attention.

Section 5: Fire Fighting Measures

Type of Hazard
Not classified as flammable.

Fire Hazard Properties
None Applicable

Regulatory Requirements
None Applicable

Extinguishing Media and Methods
Water fog, alcohol foam dry chemical or carbon dioxide for surrounding fire.

Hazchem Code
None Allocated

Recommended Protective Clothing
Rubber gloves and goggles.
Section 6: Accidental Release Measures

Emergency Procedures
Absorb spill on inert material (i.e. dry sand or earth) place in appropriate waste container for disposal. Flush area with detergent and water.

Section 7: Handling and Storage

Precautions for Safe Handling
Avoid contact with skin, eyes, and mucosa. Keep containers sealed during material transfer, transport or when not in use.

Regulatory Requirements
None Required

Handling Practices
Avoid contact with skin, eyes and mucosa. Keep containers adequately sealed when not in use.

Approved Handlers
Not Required

Conditions for Safe Storage
Store at controlled room temperature between 15° and 30°C (59° – 86°F)

Store Site Requirements
None

Section 8: Exposure control/Personal Protection

Workplace Exposure Standards
None Applicable

Application in the workplace
None Applicable

Exposure standards outside the workplace
None Applicable

Personal protection
Rubber gloves and goggles.

Section 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, colorless liquid.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>121°F</td>
</tr>
<tr>
<td>Melting/Softening point</td>
<td>None Applicable</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Solubility (H₂O)</td>
<td>Complete</td>
</tr>
<tr>
<td>Percent Volatiles</td>
<td>None Applicable</td>
</tr>
<tr>
<td>Evaporation Rates</td>
<td>None Applicable</td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

Stability of the Substance
Stable

Conditions to Avoid
None

Material to Avoid
None

Hazardous Decomposition Products
Exposure to fire may yield fumes.

Section 11: Toxicological Information

Acute effects for individual ingredients only

Acute overexposure may cause irritation to eyes. Ingestion of large amounts may cause nervousness, dizziness, drowsiness, tremors, convulsions, and possibly cardiac arrest.
**SAFETY DATA SHEET**

### Section 12: Environmental Information

*Effects for individual ingredients only*

None Applicable

### Section 13: Disposal Considerations

**Disposal Information**

Absorb spill on inert material (i.e. dry sand or earth) place in appropriate waste container for disposal. Flush area with detergent and water. Follow Federal, State and local disposal requirements.

**Reference**

None Applicable

### Section 14: Transport Information

**Relevant Information**

Not classified as dangerous goods for transport.

### Section 15: Regulatory Information

**Regulatory Status**

None Applicable

### Section 16: Other Information

**Additional Information**

Federal law restricts this drug to use by or on the order of a licensed Veterinarian. Keep out of reach of children. For animal use only.