SAFETY DATA SHEET

SULFADIMETHOXINE ANTIBACTERIAL SOLUBLE POWDER

Section 1: Identification of the Substance and Supplier

Product Name
DI-METHOX

Recommended Use

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

Emergency Telephone
800-424-9300

Date of Preparations
11/11/15

Section 2: Hazards Identification

Hazard Classification
None

Priority Identifiers
None Applicable

Secondary Identifiers
LD50 – Orally in mice >10 g/Kg (Seki) Avoid inhalation or contact. Store in cool dry area. Wash after contact. Avoid prolonged or repeated contact.

Risk & Safety Phrases
None Applicable

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>Sodium Sulfadimethoxine</td>
<td>1037-50-9</td>
<td>80.0 – 99.0%</td>
</tr>
<tr>
<td>Edetate Disodium</td>
<td>139-33-3</td>
<td>0.1 – 1.0%</td>
</tr>
<tr>
<td>Sodium Citrate Dihydrate</td>
<td>6132-04-3</td>
<td>QS</td>
</tr>
<tr>
<td>Sodium Glycinate</td>
<td>6000-44-8</td>
<td>0.1 – 3.5%</td>
</tr>
</tbody>
</table>

Concentrations are listed as a range to protect proprietary information. The variations have no material effect on the safety data reported.

Section 4: First Aid Measures

Necessary First Aid Measures
Skin/Eyes: Wash with copious amounts of water for 15 minutes, call a physician. Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. Ingestion: Harmful if swallowed. Wash out mouth with water. Call a physician. Exposure can cause nausea, vomiting, headache and cyanosis. Studies of sulfamethazine, a related compound, suggest that ingestion causes cancer.

Section 5: Fire Fighting Measures

Type of Hazard
Not classified as flammable

Fire Hazard Properties
Dust explosion hazard exist. Prevent build-up of dust.

Regulatory Requirements
None Applicable

Extinguishing Media and Methods
Water spray, carbon dioxide, dry chemical powder or polymer foam.

Hazchem Code
None Allocated

Recommended Protective Clothing
Self-contained breathing apparatus, and protective clothing to prevent contact with skin and eyes.
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Section 6: Accidental Release Measures

Emergency Procedures
Place product in sealed bag. Wash spill site after material pick-up is complete. Dispose of by incineration or chemical waste landfill in accordance with Federal, State and local regulations.

Section 7: Handling and Storage

Precautions for Safe Handling
Avoid contact with skin, eyes and mucosa. Keep containers adequately 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 20° to 25°C (68° – 77°F) excursions permitted between 15° and 30°C (Between 59° and 86°F)

Store Site Requirements
Store in cool, dry area. Prevent buildup of dust.

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
Self-contained breathing apparatus, and protective clothing to prevent contact with skin and eyes.

Section 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White to off-white granular powder</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>None Applicable</td>
</tr>
<tr>
<td>Melting/Softening point</td>
<td>None Applicable</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>None Applicable</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>None Applicable</td>
</tr>
<tr>
<td>Solubility (H₂O)</td>
<td>Soluble</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
Oxidizing agents; Reducing agents

Hazardous Decomposition Products
Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides.
**Section 11: Toxicological Information**

**Acute effects for individual ingredients only**

| Skin/Eyes: | Wash with copious amounts of water for 15 minutes, call a physician. Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. Ingestion: Harmful if swallowed. Wash out mouth with water. Call a physician. Exposure can caused nausea, vomiting, headache and cyanosis. Studies of sulfamethazine, a related compound, suggest that ingestion causes cancer |

**Section 12: Environmental Information**

**Effects for individual ingredients only**

| None Applicable |

**Section 13: Disposal Considerations**

**Disposal Information** Place product in sealed bag. Wash spill site after material pick-up is complete. Dispose of by incineration or chemical waste landfill in accordance with Federal, State and local regulations

| Reference | None Applicable |

**Section 14: Transport Information**

| Relevant Information | Not classified as a dangerous good for transport |

**Section 15: Regulatory Information**

| Regulatory Status | ANADA 200-031, Approved by F.D.A. |

**Section 16: Other Information**