

SULFADIMETHOXINE INJECTION – 40%

Section 1: Identification of the Substance and Supplier

Product Name	DI-METHOX
Recommended Use	For treatment of bovine respiratory disease complex (shipping fever complex) and bacterial pneumonia associated with Pasteurella spp sensitive to Sulfadimethoxine; necrotic pod dermatitis (foot root) and calf diphtheria caused by Fusobacterium necrophorum sensitive to Sulfadimethoxine.
Company Details	Sparhawk Laboratories Inc. 12340 Santa Fe Trail Dr. Lenexa, Ks. 66215
Emergency Telephone	800-424-9300
Date of Preparations	11/10/15

Section 2: Hazards Identification

Hazard Classification	None
Priority Identifiers	 Warning
Secondary Identifiers	Studies of sulfamethazine, a related compound, suggest that ingestion causes cancer. LD50-Orally in mice >10g/Kg (Sek).i.
Risk & Safety Phrases	None Applicable.

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration
Benzyl Alcohol	100-51-6	1% v/v
Disodium Edetate	139-33-3	0.01%
Propylene Glycol	57-55-6	20% v/v
Sodium Formaldehyde	149-44-0	0.10%
Sodium Hydroxide	1310-73-2	5.1%
Sulfadimethoxine	122-11-2	40.0%
Water for Injection	7732-18-5	QS

Section 4: First Aid Measures

Necessary First Aid Measures	<p>Skin/Eyes: Wash with copious amounts of water for 15 minutes. Call a physician.</p> <p>Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Call a physician.</p> <p>Ingestion: Harmful if swallowed. Wash out mouth with water. Call a physician.</p> <p>Exposure can cause nausea, vomiting, headache and cyanosis.</p>
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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 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.

Section 6: Accidental Release Measures

Emergency Procedures

Wear safety clothing. Provide adequate ventilation. Place product in sealed bag. Wash spill site after material pick-up is complete. 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 59° and 86°F (15° - 30°C)

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

Self-contained breathing apparatus, chemical resistant gloves and goggles.

Section 9: Physical and Chemical Properties

Appearance	Colorless to slightly yellow liquid
Boiling Point	About 100°C
Melting/Softening point	None Applicable
Vapor Pressure	None Applicable
Specific Gravity	1.0400 – 1.0600
Solubility (H ₂ O)	Complete
Percent Volatiles	None Applicable
Evaporation Rates	None Applicable

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

LD50 – Orally in mice > 10 g/Kg (Seki) Studies of sulfamethazine, a related compound, suggest that ingestion causes cancer. Consult physician if contact is made with product.

Section 12: Environmental Information

Effects for individual ingredients only

None Applicable

Section 13: Disposal Considerations

Disposal Information Incineration or chemical waste landfill in accordance with Federal, State and local regulations.

Reference None

Section 14: Transport Information

Relevant Information Not classified as a dangerous good for transport

Section 15: Regulatory Information

Regulatory Status ANADA 200-038, Approved by the F.D.A.

Section 16: Other Information

Additional Information Not for human use. Keep out of reach of children.