

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078008861

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078008853

**MATERIAL SAFETY DATA SHEET**

Sparhawk Laboratories  
12340 Santa Fe Trail Drive  
Lenexa, KS 66215

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<b>PRODUCT NAME-IDENTITY:</b> Gentamicin Sulfate Solution	<b>CHEMICAL FAMILY:</b> Antibiotic	<b>CAS CLASSIFICATION:</b> 1405-41-0
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<b>MANUFACTURER NAME:</b> Sparhawk Laboratories	
<b>ADDRESS:</b> 12340 Santa Fe Trail Drive Lenexa, KS 66215	<b>TELEPHONE # FOR INFORMATION:</b> 913-888-7500
	<b>DATE PREPARED:</b> 07/19/12

**HAZARDOUS INGREDIENT IDENTITY INFORMATION**

<b>HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAMES):</b>
None Established

**PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>BOILING POINT:</b> 212°F	<b>SPECIFIC GRAVITY:</b> 1.0 – 1.1
<b>VAPOR PRESSURE (mm Hg.):</b> Not Available	<b>MELTING POINT:</b> Not Applicable
<b>VAPOR DENSITY (Air = 1):</b> Not Available	<b>EVAPORATION RATE:</b> Negligible (Butyl Acetate = 1)
<b>SOLUBILITY IN WATER:</b> NLT 50%	
<b>pH:</b> 3.0 – 5.5	
<b>APPEARANCE AND ODOR:</b> Clear, practically odorless solution	

**FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT (METHOD USED):</b> Not considered flammable.	<b>FLAMMABLE LIMIT:</b> Not Available, Not considered flammable	<b>LEL</b>	<b>UEL</b>
<b>EXTINGUISHING MEDIA:</b> Foam, Carbon Dioxide, Dry Chemical			
<b>SPECIAL FIRE FIGHTING PROCEDURE:</b> None			
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b> None			

**REACTIVITY DATA**

STABILITY:	UNSTABLE		CONDITIONS TO AVOID:
	STABLE	<input checked="" type="checkbox"/>	
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	<input checked="" type="checkbox"/>	

HEALTH HAZARD DATA

ROUTES OF ENTRY:	HEALTH HAZARD (ACUTE & CHRONIC):
SKIN/EYES?	May cause irritation. Flush with copious amounts of water.
INHALATION?	May be irritating to mucous membranes of upper respiratory tract. Remove to fresh air.
INGESTION?	May cause irritation. Poorly absorbed from GI tract.
CARCINOGENICITY: Not Available	
SIGN & 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:	SPECIAL: None
LOCAL EXHAUST: <input checked="" type="checkbox"/> MECHANICAL:	
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.

## GENTAMICIN INTRA-UTERINE SOLUTION

### Section 1: Identification of the Substance and Supplier

<b>Product Name</b>	Gentamicin Intra-Uterine Solution
<b>Recommended Use</b>	Recommended for the control of bacterial infections of the uterus (metritis) in horses and as an aid in improving conception in mares with uterine infections caused by bacteria sensitive to gentamicin.
<b>Company Details</b>	Sparhawk Laboratories Inc. 12340 Santa Fe Trail Dr. Lenexa, Ks. 66215
<b>Emergency Telephone</b>	800-424-9300
<b>Date of Preparations</b>	11/06/15

### Section 2: Hazards Identification

<b>Hazard Classification</b>	None
<b>Priority Identifiers</b>	 <p>Chronic or acute exposure or overdose may result in ototoxicity and nephrotoxicity. Suppression of adrenal gland, Cushing's syndrome, electrolyte imbalance, water retentions and hyperglycemia may also occur.</p>
<b>Secondary Identifiers</b>	Avoid contact with skin, eyes and mucosa
<b>Risk &amp; Safety Phrases</b>	None Applicable

### Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration
Benzyl Alcohol	100-51-6	1.0%
Gentamicin Sulfate	1405-41-0	10.0%
Disodium Edetate	139-33-3	0.01%
Sodium Metabisulfite	7681-57-4	0.24%
Sodium Sulfite, Anhy.	7757-83-7	0.08%

### Section 4: First Aid Measures

<b>Necessary First Aid Measures</b>	<p>Skin: Wash exposed area with soap and water for 15 min.</p> <p>Eyes: Flush with water keeping eyelids open for 15 min. If symptoms develop, contact a physician</p> <p>Inhalation: Move to fresh air</p> <p>Ingestion: Drink water and contact physician</p>
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### Section 5: Fire Fighting Measures

<b>Type of Hazard</b>	Not classified as flammable.
<b>Fire Hazard Properties</b>	None Applicable
<b>Regulatory Requirements</b>	None Applicable
<b>Extinguishing Media and Methods</b>	Self-contained breathing apparatus gloves and goggles. Dispose of following Federal, State and local disposal regulations. Keep away from possible ignition sources.
<b>Hazchem Code</b>	None Allocated
<b>Recommended Protective Clothing</b>	Self-contained breathing apparatus gloves and goggles.

### Section 6: Accidental Release Measures

<b>Emergency Procedures</b>	Large spills: Use suitable absorbent, place in DOT packaging and dispose of according to local, state and federal regulations
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## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Avoid contact with Skin, eyes and mucosa. Keep container adequately sealed during transfer, transport or when not in use.
<b>Regulatory Requirements</b>	None Required
<b>Handling Practices</b>	Avoid contact with Skin, eyes and mucosa. Keep container adequately sealed when not in use.
<b>Approved Handlers</b>	Not Required
<b>Conditions for Safe Storage</b>	Store between 2°and 30°C (36° – 86°F) Protect from freezing.
<b>Store Site Requirements</b>	Protect from freezing.

## Section 8: Exposure control/Personal Protection

<b>Workplace Exposure Standards</b>	None Applicable
<b>Application in the workplace</b>	None Applicable
<b>Exposure standards outside the workplace</b>	None Applicable
<b>Personal protection</b>	Self-contained breathing apparatus, gloves and safety glasses.

## Section 9: Physical and Chemical Properties

Appearance	Clear, practically odorless solution.
Boiling Point	212°F (100°C)
Melting/Softening point	Not Applicable
Vapor Pressure	Not Applicable
Specific Gravity	1.0 -1.1
Solubility (H <sub>2</sub> O)	NLT 50%
Percent Volatiles	Not Applicable
Evaporation Rates	Not Applicable.

## Section 10: Stability and Reactivity

<b>Stability of the Substance</b>	Stable
<b>Conditions to Avoid</b>	Extreme Heat/Strong Oxidizers
<b>Material to Avoid</b>	None
<b>Hazardous Decomposition Products</b>	Carbon Oxides, sulfur oxides and nitrogen oxides

## Section 11: Toxicological Information

### Acute effects for individual ingredients only

Ototoxicity and nephrotoxicity: Suppression of adrenal gland, Cushing's syndrome, electrolyte imbalance, water retention and hyperglycemia may occur

## Section 12: Environmental Information

### Effects for individual ingredients only

Not Determined

## Section 13: Disposal Considerations

<b>Disposal Information</b>	Collect large spills with suitable absorbent material, place in DOT containers and dispose of according to local, state and federal regulations
<b>Reference</b>	None Applicable

## Section 14: Transport Information

<b>Relevant Information</b>	Not classified as dangerous goods for transport.
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## Section 15: Regulatory Information

<b>Regulatory Status</b>	ANADA 200-395, Approved by F.D.A.
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## Section 16: Other Information

<b>Additional Information</b>	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
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