

SAFETY DATA SHEETS

This SDS packet was issued with item:

078008853

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

078008861

MATERIAL SAFETY DATA SHEET

Sparhawk Laboratories
12340 Santa Fe Trail Drive
Lenexa, KS 66215

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

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

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Not considered flammable.	FLAMMABLE LIMIT: Not Available, Not considered flammable	LEL	UEL
EXTINGUISHING MEDIA: Foam, Carbon Dioxide, Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURE: None			
UNUSUAL FIRE & EXPLOSION HAZARDS: 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: LOCAL EXHAUST: <input checked="" type="checkbox"/> 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.

GENTAMICIN INTRA-UTERINE SOLUTION

Section 1: Identification of the Substance and Supplier

Product Name	Gentamicin Intra-Uterine Solution
Recommended Use	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.
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	 <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>
Secondary Identifiers	Avoid contact with skin, eyes and mucosa
Risk & Safety Phrases	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

Necessary First Aid Measures	<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

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

Section 6: Accidental Release Measures

Emergency Procedures	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

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

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, 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 ₂ O)	NLT 50%
Percent Volatiles	Not Applicable
Evaporation Rates	Not Applicable.

Section 10: Stability and Reactivity

Stability of the Substance	Stable
Conditions to Avoid	Extreme Heat/Strong Oxidizers
Material to Avoid	None
Hazardous Decomposition Products	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

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

Section 14: Transport Information

Relevant Information	Not classified as dangerous goods for transport.
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Section 15: Regulatory Information

Regulatory Status	ANADA 200-395, Approved by F.D.A.
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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
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