


GENTAMICIN SULFATE SOLUBLE POWDER

Section 1: Identification of the Substance and Supplier

Product Name GEN-GARD
Recommended Use Control and treatment of colibacillosis in weanling swine caused by strains of E. Coli sensitive to gentamicin, and for the control and treatment of swine dysentery associated with Treponema hyodysenteriae.
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  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.
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
Gentamicin Sulfate	1405-41-0	20.0 - 38.0%
Sodium Benzoate	532-32-1	0.1 - 4.0%
Lactose, Anhydrous	63-42-3	QS

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: Wash exposed area with soap and water for 15 min.
 Eyes: Flush with water keeping eyelids open for 15 min. If symptoms develop, contact a physician
 Inhalation: Move to fresh air
 Ingestion: Drink water and contact physician

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 Applicable
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

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° and 86°F)
Store Site Requirements	Store tightly capped in a cool, dry area, away from heat or open flame.

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	Wear positive pressure, self-contained breathing apparatus. Waterproof gloves, preferably elbow length for prolonged or repeated exposure. NIOSH approved safety glasses or goggles.

Section 9: Physical and Chemical Properties

Appearance	White powder
Boiling Point	None Applicable
Melting/Softening point	None Applicable
Vapor Pressure	None Applicable
Specific Gravity	None Applicable
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	Extreme Heat/Strong Oxidizers
Material to Avoid	Oxidizing agents
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 a dangerous good for transport

Section 15: Regulatory Information

Regulatory Status ANADA 200-185, Approved by F.D.A.

Section 16: Other Information

Additional Information For use in swine drinking water only. Restricted drug (California) Use only as directed. Keep out of reach of children.