


EPINEPHRINE INJECTION

Section 1: Identification of the Substance and Supplier

Product Name	Epinephrine Injection
Recommended Use	For emergency use only in treating anaphylactoid shock in ship, swine, cattle, horses, dogs and cats.
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	 Warning
Secondary Identifiers	<p>Inhalation or topical application can produce systemic effects.</p> <p>Eyes/Skin: May cause irritation, flush with water, and seek medical attention. Inhalation: Remove to fresh air.</p> <p>Ingestion: Obtain medical assistance at once.</p>
Risk & Safety Phrases	None Applicable

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration
Epinephrine	51-43-4	0.1%
Hydrochloric Acid	7647-01-0	0.1%
Sodium Metabisulfite	7681-57-4	0.1%
Disodium Edetate	139-33-3	0.03%
Sodium Chloride	7647-14-5	0.1%
Benzyl Alcohol	100-51-6	1.5%
Water for Injection	7732-18-5	QS

Section 4: First Aid Measures

Necessary First Aid Measures	<p>Inhalation of topical application can produce systemic effects.</p> <p>Eyes/Skin: May cause irritation, flush with water, and seek medical attention. Inhalation: Remove to fresh air.</p> <p>Ingestion: Obtain medical assistance at once.</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	Carbon Dioxide, Dry Chemical or water spray.
Hazchem Code	None allocated
Recommended Protective Clothing	Self-contained breathing apparatus. Goggles if eye contact is likely.

Section 6: Accidental Release Measures

Emergency Procedures Wear appropriate protective equipment, including self-contained breathing apparatus. Extinguish with Carbon dioxide, dry chemical, or water spray.

Section 7: Handling and Storage

Precautions for Safe Handling Avoid contact with Skin, eyes and inhalation. Avoid ingestion. Keep container adequately sealed during material transfer, transport or when not in use.

Regulatory Requirements None Required

Handling Practices Avoid contact with Skin, eyes and inhalation. Avoid ingestion.

Approved Handlers Not Required

Conditions for Safe Storage Store at controlled room temperature between 15° and 30°C (59°– 86°F). Protect from light.

Store Site Requirements Protect from light.

Section 8: Exposure control/Personal Protection

Workplace Exposure Standards During handling, do not eat, drink or smoke.

Application in the workplace None Applicable

Exposure standards outside the workplace During handling, do not eat, drink or smoke.

Personal protection Self-contained breathing apparatus. Goggles if eye contact is likely.

Section 9: Physical and Chemical Properties

Appearance	Clear colorless
Boiling Point	None Applicable
Melting/Softening point	None Applicable
Vapor Pressure	None Applicable
Specific Gravity	1
Solubility (H ₂ O)	Soluble
Percent Volatiles	None Applicable
Evaporation Rates	None Applicable

Section 10: Stability and Reactivity

Stability of the Substance Stable

Conditions to Avoid Protect from light.

Material to Avoid None

Hazardous Decomposition Products Not Determined

Section 11: Toxicological Information

Acute effects for individual ingredients only

Skin/Eyes: May cause irritation. Inhalation: Remove to fresh air. Ingestion: Obtain medical assistance at once. Toxicity: LD50 Oral rat 30mg/kg.

Section 12: Environmental Information

Effects for individual ingredients only

Dispose of according to Federal, State and local regulations.

Section 13: Disposal Considerations

Disposal Information Take up by mechanical means, avoid eye contact.

Reference Not Applicable

Section 14: Transport Information

Relevant Information Not classified as dangerous goods for transport.

Section 15: Regulatory Information

Regulatory Status None Applicable

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