


**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** Inhalation or topical application can produce systemic effects.  
 Eyes/Skin: May cause irritation, flush with water, and seek medical attention. Inhalation: Remove to fresh air.  
 Ingestion: Obtain medical assistance at once.  
**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** Inhalation of topical application can produce systemic effects.  
 Eyes/Skin: May cause irritation, flush with water, and seek medical attention. Inhalation: Remove to fresh air.  
 Ingestion: Obtain medical assistance at once.

**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 <sub>2</sub> 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