

## **SAFETY DATA SHEETS**

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

078696848

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


078696855

## VITAMIN B12 INJECTION 1000 mcg/mL

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

<b>Product Name</b>	Vitamin B <sub>12</sub> Injection 1000 mcg/mL
<b>Recommended Use</b>	For use as a supplemental nutritive source of Vitamin B12 in cattle, horses, sheep, swine, dogs and cats.
<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>	11/09/15

### Section 2: Hazards Identification

<b>Hazard Classification</b>	None
<b>Priority Identifiers</b>	 Warning
<b>Secondary Identifiers</b>	Acute overexposure may cause irritation to eyes and skin. Ingestion of large amounts may cause nausea or vomiting. Product is essentially non-toxic nutritive substance.
<b>Risk &amp; Safety Phrases</b>	None Applicable.

### Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration
Ammonium Sulfate	7783-20-2	1mg
Benzyl Alcohol	100-51-6	10mg
Citric Acid	77-92-9	119mcg
Cyanocobalamin	68-19-9	1000mcg
Sodium Chloride	7647-14-5	2.2mg
Sodium Citrate	6132-04-3	72mcg
Water for Injection	7732-18-5	QS

### Section 4: First Aid Measures

<b>Necessary First Aid Measures</b>	<p>Eyes: Flush with large amounts of water and seek medical attention</p> <p>Skin: Thoroughly wash area with soap and water</p> <p>Inhalation: Provide fresh air and if necessary give oxygen</p> <p>Ingestion: Give several glasses of water to dilute and seek medical attention.</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>	Use water spray to cool fire exposed containers.
<b>Hazchem Code</b>	None Allocated.
<b>Recommended Protective Clothing</b>	Self-contained breathing apparatus and protective clothing.

### Section 6: Accidental Release Measures

<b>Emergency Procedures</b>	Protective clothing required. Absorb spill on inert material and place in appropriate waste container for disposal. Flush area with detergent and water. Follow Federal, State and local disposal requirements.
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## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Avoid contact with skin, eyes and mucosa. Keep containers adequately sealed during material 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 containers adequately sealed when not in use.
<b>Approved Handlers</b>	Not Required.
<b>Conditions for Safe Storage</b>	Store at controlled room temperature between 15° and 30°C (59° – 86° F). Avoid exposure to light.
<b>Store Site Requirements</b>	Avoid exposure to light.

## 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, rubber gloves and goggles.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Red liquid solution.
<b>Boiling Point</b>	103°C
<b>Melting/Softening point</b>	None Applicable
<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	1.045
<b>Solubility (H<sub>2</sub>O)</b>	Complete
<b>Percent Volatiles</b>	None Applicable.
<b>Evaporation Rates</b>	None Applicable.

## Section 10: Stability and Reactivity

<b>Stability of the Substance</b>	Stable
<b>Conditions to Avoid</b>	None
<b>Material to Avoid</b>	Strong bases, strong acids and oxidizing agents.
<b>Hazardous Decomposition Products</b>	May yield carbon monoxide and carbon dioxide fumes.

## Section 11: Toxicological Information

### Acute effects for individual ingredients only

Acute overexposure may cause irritation to eyes and skin. Large amounts ingested may cause nausea or vomiting.

## Section 12: Environmental Information

### Effects for individual ingredients only

None Applicable



## SAFETY DATA SHEET

### Section 13: Disposal Considerations

**Disposal Information** Absorb spill on inert material and place in appropriate waste container for disposal. Flush area with detergent and water. Follow Federal, State and local disposal requirements.

**Reference** None Applicable

### Section 14: Transport Information

**Relevant Information** Not classified as a dangerous good 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