

## **SAFETY DATA SHEETS**

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

078071088

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

078088467 078697665 078917159

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

078088459

PRODUCT NAME-IDENTITY: Phenylbutazone Injection	CHEMICAL FAMILY: A Pyrazole Derivative	CLASSIFICATION: Anti-rheumatic CAS No.: 50-33-9
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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: 06/17/99

## HAZARDOUS INGREDIENT IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAMES): Phenylbutazone: toxic. This material is an eye irritant.
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## PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F	SPECIFIC GRAVITY: 1.0600
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: 9.5 – 10.0	
APPEARANCE AND ODOR: Clear, colorless solution	

## FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Not Available	FLAMMABLE LIMIT: Not Available	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: Toxic fumes of NO <sub>x</sub> .			
INCOMPATIBILITY: (MATERIALS TO AVOID): Oxidizing Agents			
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?	Skin – may; Eyes – does cause irritation. Flush with copious quantities of water.
INHALATION?	May cause irritation. Remove to fresh air.
INGESTION?	May cause irritation. Flush mouth with water. Material is absorbed in GI tract.
CARCINOGENICITY: Not listed as a carcinogen by NTP, IARC or OSHA.	
TOXICITY: Oral Rat: LD <sub>50</sub> : 245 mg/Kg	
SIGNS & SYMPTOMS OF OVER EXPOSURE: Bluish color of fingernails, lips or skin, convulsions, difficulty hearing, dizziness, hallucinations, sever headache, change in blood pressure, mood/mental changes, severe nausea or vomiting, swelling around the eyes, and troubled breathing.	
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Nasal polyps, blood disorders, bone marrow depressions, heart, liver or kidney disease, peptic ulcer, polymyaglia rheumatica and temporal arthritis.	
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: Call a physician.	

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: Safety Glasses
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.

## PHENYLBUTAZONE INJECTION

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

<b>Product Name</b>	Phenylbutazone Injection
<b>Recommended Use</b>	For the relief of inflammatory conditions associated with musculoskeletal system in horses.
<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>	Anti-rheumatic CAS No. : 50-33-9
<b>Priority Identifiers</b>	 Warning
<b>Secondary Identifiers</b>	Skin/Eyes: Does cause irritation. Inhalation: Remove to fresh air. Ingestion: May cause irritation. Flush mouth with water.
<b>Risk &amp; Safety Phrases</b>	None

### Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration
Benzyl Alcohol	100-51-6	10.45 mg
Phenylbutazone	50-33-9	200 mg
Sodium Hydroxide	1310-73-2	2.59%
Water for Injection	7732-18-5	QS

### Section 4: First Aid Measures

<b>Necessary First Aid Measures</b>	Eyes: Flush with water for a minimum of 15 minutes Skin: Wash with soap and water Inhalation: Remove to fresh air Ingestion: Call a physician.
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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>	Foam, Carbon Dioxide, Dry Chemical. Wipe up or use absorbent material to collect. Dispose of by normal procedures.
<b>Hazchem Code</b>	None Allocated
<b>Recommended Protective Clothing</b>	Self-contained breathing apparatus. Gloves and Goggle.

### Section 6: Accidental Release Measures

<b>Emergency Procedures</b>	Wipe up or use absorbent material to collect. Dispose of by normal procedures.
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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 in a cool place, 2° - 8°C (36° - 46°F) or alternatively store in a refrigerator.
<b>Store Site Requirements</b>	None

## 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, Gloves and goggles.

## Section 9: Physical and Chemical Properties

Appearance	Clear, colorless solution.
Boiling Point	100°C
Melting/Softening point	Not Applicable
Vapor Pressure	Not Available.
Specific Gravity	1.06
Solubility (H <sub>2</sub> O)	NLT 50%
Percent Volatiles	None Applicable
Evaporation Rates	None Applicable

## Section 10: Stability and Reactivity

<b>Stability of the Substance</b>	Stable
<b>Conditions to Avoid</b>	Excessive Heat. Store in a refrigerator.
<b>Material to Avoid</b>	Oxidizing Agents
<b>Hazardous Decomposition Products</b>	Toxic fumes

## Section 11: Toxicological Information

### Acute effects for individual ingredients only

Signs and Symptoms of Over Exposure: Bluish color of fingernails, lips or skin, convulsions, difficulty hearing, dizziness, hallucinations, severe headache, change in blood pressure, mood/mental changes, severe nausea or vomiting, swelling around eyes and trouble breathing.

## Section 12: Environmental Information

### Effects for individual ingredients only

None Applicable

## Section 13: Disposal Considerations

<b>Disposal Information</b>	Wipe up or use absorbent material to collect. Dispose of by normal procedures.
<b>Reference</b>	None Applicable

**Section 14: Transport Information**

**Relevant Information** Not classified as dangerous good for transport.

**Section 15: Regulatory Information**

**Regulatory Status** ANADA 200-371, Approved by F.D.A.

**Section 16: Other Information**

**Additional Information** For horses only. Keep out of reach of children.