SAFETY DATA SHEETS

This SDS packet was issued with item: 078696590

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

078696608 078917106 078917131

Sparhawk Laboratories 12340 Santa Fe Trail Drive Lenexa, KS 66215

Page 1 of 2

PRODUCT NAME-IDENTITY: CHEMICAL CLASSIFICATION: CAS NUMBER: vermectin Bis: 71827 - 03-7 MANUFACTURER NAME: Spanhark TELEPHONE # FOR INFORMATION: 913-888-7500 ADDRESS: 12340 Santa Fe Trail TELEPHONE # FOR INFORMATION: 913-888-7500 ADDRESS: 12340 Santa Fe Trail TELEPHONE # FOR INFORMATION: 913-888-7500 Lenexa, KS 66215 DATE PREPARED: 12/14/04 TELEPHONE # FOR INFORMATION: MARUFACTURER NAME: NOTIFICATION: Lenexa, KS 66215 TELEPHONE # FOR INFORMATION: NOTIFICATION: MARUFACTURER NAME: NOTIFICATION: MARUFACTURER (IMM); NOTIFICATION: SPECIFIC CRAVITY: NOTIFICATION: SPECIFIC GRAVITY: NOTIFICATION RATE: SPECIFIC GRAVITY: NOTIFICATION RATE: SPECIFIC CRAVITY: SPECIFIC CRAVITY: NOTIFICATE: SPECIFIC CRAVITY:					Page I	1012	
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HEALTH HAZARD DATA

ROUTES OF ENTRY:	HEALTH HAZARD (ACUTE & CHRONIC):	
SKIN/EYES?	Skin – may; Eyes – may cause irritation. Flush with copious quantities of water.	
INHALATION?	May cause irritation. Remove to fresh air.	
INGESTION?	May be fatal if swallowed.	
RTECS #: IH7891500 22,23 Dihydroavermectin B1		
TOXICITY: ORL – MUS LD ₅₀ : 29,500 Micro grams/Kg		
SIGNS & SYMPTOMS OF OVER EXPOSURE: Nausea, dizziness and headache.		

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None

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: NIOSH/MSHA approved respirator		
VENTILATION:	SPECIAL:	
LOCAL EXHAUST: 🗵 MECHANICAL:		
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.



IVERMECTIN INJECTION

		ECTIN INJECTION	
	Section 1: Identifica	ation of the Substance and Sup	opler
Product Name	Ivermectin Injectic		
Recommended Use	For the treatment and control of gastro-intestinal roundworms, lungworms, lice, and mange mites.		
Company Details	Sparhawk Laboratories Inc. 12340 Santa Fe Trail Dr. Lenexa, Ks. 66215		
Emergency Telephone	800-424-9300		
Date of Preparations	11/09/15		
	Section 2	2: Hazards Identification	
Hazard Classification	Poison as UN281	1. D.O.T. Classification: DG Clas	s 9, UN 3082
Priority Identifiers		Warning	
Secondary Identifiers	Adverse effects may include muscle and joint pain, dizziness, fever, headache, tender lymph nodes, skin rash, rapid heartbeat, swelling of face or extremities, vomiting, diarrhea, difficult breathing, and seizures.		
Risk & Safety Phrases	Toxic if swallowed	1	
	Section 3: Compo	sition/Information on Ingredier	nts
Chemical Na	ime	CAS Number	Concentration
Ivermectin		70288-86-7	1.0%
Glycerol Formal		4740-78-7	40.0%
Propylene Glycol		57-55-6	55.0%
Water for Injection		7732-18-5	QS
	Section	1 4: First Aid Measures	
Necessary First Aid Measures	Eyes: Flush with wa Skin: Wash with so Inhalation: Remov Ingestion: Call a p	e to fresh air	;.
	Section 5	: Fire Fighting Measures	
Type of Hazard	Not classified as fla	ammable.	
Fire Hazard Properties	None Applicable		
Regulatory Requirements	Collect spilled material and dispose as hazardous waste.		
Extinguishing Media and Methods	Water, dry extinguishing powder, carbon dioxide. Wipe up or use absorbent material to collect.		
Recommended Protective Clothing	Self-contained brea	athing apparatus, gloves and safe	ety glasses.
	Section 6: A	ccidental Release Measures	
Emergency Procedures	Wear protective cloud under EPA guidelin		ent material to collect. Dispose of
	Section	7: Handling and Storage	
Precautions for Safe Handling		n skin, eyes and mucosa. Keep o ansfer, transport or when not in us	



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Regulatory Requirements	None Required
Handling Practices	Avoid contact with skin, eyes and mucosa. Keep containers adequately sealed when not in use.
Approved Handlers	Not Required.
Conditions for Safe Storage	Store at 20° and 25°C (68° - 77°F).
Store Site Requirements	Protect product from light.
	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	Self-contained breathing apparatus, gloves and safety glasses.
	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	1.03
Solubility (H ₂ O)	Almost completely
Percent Volatiles	None Applicable
Evaporation Rates	None Applicable.
	Section 10: Stability and Reactivity
Stability of the Substance	Stable
Conditions to Avoid	None
Material to Avoid	Oxidizing agents.
Hazardous Decomposition Products	Toxic fumes of NOx, COx
	Section 11: Toxicological Information
	Acute effects for individual ingredients only
Oral Mouse: LD50: 250 mg/Kg. Skin/Eyes: May cause irritation. Ingestion: May be fatal if swallow	ed. Call a physician.
	Section 12: Environmental Information
	Effects for individual ingredients only
Ivermectin may adversely affect a	quatic organisms. Dispose of per EPA Guidelines.
	Section 13: Disposal Considerations
Disposal Information	Wipe up or use absorbent material to collect. Dispose of containers in an approved landfill or by incineration.
Reference	None Applicable

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SAFETY DATA SHEET

Section 14: Transport Information		
Relevant Information	Not classified as a dangerous good for transport.	
Section 15: Regulatory Information		
Regulatory Status	ANADA 200-429, Approved by F.D.A.	
Section 16: Other Information		
Additional Information	Not for human use. Keep out of reach of children.	