


IVERMECTIN INJECTION

Section 1: Identification of the Substance and Supplier

Product Name	Ivermectin Injection
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: Hazards Identification

Hazard Classification	Poison as UN2811. D.O.T. Classification: DG Class 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

Section 3: Composition/Information on Ingredients

Chemical Name	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 4: First Aid Measures

Necessary First Aid Measures	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

Type of Hazard	Not classified as flammable.
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 breathing apparatus, gloves and safety glasses.

Section 6: Accidental Release Measures

Emergency Procedures	Wear protective clothing. Wipe up or use absorbent material to collect. Dispose of under EPA guidelines.
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Section 7: Handling and Storage

Precautions for Safe Handling	Avoid contact with skin, eyes and mucosa. Keep containers adequately sealed during material transfer, transport or when not in use.
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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 NO _x , CO _x

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 swallowed. Call a physician.

Section 12: Environmental Information

Effects for individual ingredients only

Ivermectin may adversely affect aquatic 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

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.