

**IVERMECTIN ORAL 10 mg/mL**

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

**Product Name** SparMectin-E  
**Recommended Use** Treatment of parasitic infections in horses.  
**Company Details** Sparhawk Laboratories Inc. 12340 Santa Fe Trail Dr. Lenexa, Ks. 66215  
**Emergency Telephone** 800-424-9300  
**Date of Preparations** 11/10/15

**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% w/v
Butylated Hydroxy Toluene	128-37-0	0.1% w/v
Edetate Disodium	139-33-3	0.01% w/v
Methyl Paraben	99-76-3	0.54% w/v
Propyl Paraben	94-13-3	0.06% w/v
Propylene Glycol	57-55-6	20.0% v/v
Sodium Phosphate Dibasic Anhydrous	7558-79-4	0.13% w/v
Sodium Phosphate Monobasic Monohydrate	10049-21-5	0.9% w/v
Polysorbate 80	9005-65-6	8.0% w/v
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.

**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.

## Section 7: Handling and Storage

**Precautions for Safe Handling** Avoid contact with skin, eyes and mucosa. Keep container tightly sealed during material transfer, transport, or when not in use.

**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 in a tightly closed container refrigerated between 2° and 8°C (36° and 46°F).

**Store Site Requirements** Refrigerate.

## 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 to slightly yellow liquid.
Boiling Point	100°C
Melting/Softening point	None Applicable
Vapor Pressure	None Applicable
Specific Gravity	1.03
Solubility (H <sub>2</sub> O)	Miscible
Percent Volatiles	0%
Evaporation Rates	Not determined.

## Section 10: Stability and Reactivity

**Stability of the Substance** Stable

**Conditions to Avoid** Protect from temperature excursions above 25°C (77°F).

**Material to Avoid** Oxidizing agents.

**Hazardous Decomposition Products** Toxic fumes of NO<sub>x</sub>, CO<sub>x</sub>

**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 drug 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 200-341, Approved by F.D.A.

**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