

## SAFETY DATA SHEETS

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

078551871

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

078551848 078551855 078551863 078933870 078933871 078933872 078933873



Material Safety Data Sheet  
**IVERHART MAX<sup>®</sup>** (ivermectin/pyrantel  
pamoate/praziquantel) Chewable Tablets  
Product Codes: 0196DT, 0196DS, 0196DM, 0196DL

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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING**

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Product Name	IVERHART MAX <sup>®</sup> (ivermectin/pyrantel pamoate/praziquantel) Chewable Tablets
Product Description	Worm Control in Dogs
Manufacturer/Supplier	Virbac AH, Inc.
Address	P.O. Box 162059 Fort Worth, Texas 76161
Phone Number	(800) 338-3659 for Technical Support
Chemtrec Number (24 hour)	(800) 424-9300
Emergency Number:	(800) 338-3659 for Human and Animal Medical Emergencies
MSDS Revision Date:	March 1, 2011
Supersedes MSDS Dated:	January 25, 2010

*Material Safety Data Sheet in compliance with OSHA's Hazcom Standard (29 CFR 1910.1200)*

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**2. HAZARDS IDENTIFICATION**

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**Emergency Overview**

**WARNING!**

Hazardous to humans.

May cause adverse gastrointestinal, liver and central nervous system effects.

Wash thoroughly with soap and water after handling.

Keep out of reach of children.

**Routes of Entry**

Ingestion

**Carcinogenic Status**

Not considered carcinogenic by NTP, IARC, and OSHA.

**Target Organs**

Liver - Gastrointestinal Tract - Central Nervous System

**Health Effects - Eyes**

Not an expected route of entry during normal handling and use.

**Health Effects - Skin**

Contact with skin is not expected to cause adverse effects.

**Health Effects - Ingestion**

Ingestion of this material may cause central nervous system and gastrointestinal effects such as headache, dizziness, nausea, vomiting, diarrhea, abdominal cramps and constipation. Chronic exposure can result in adverse liver effects.

**Health Effects - Inhalation**

Not an expected route of entry during normal handling and use.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

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Component Name	CAS Number	Concentration
Pyrantel as pamoate salt	22204-24-6	27.93%
Ivermectin	70288-86-7	0.012%



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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

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Component Name	CAS Number	Concentration
Praziquantel	55268-74-1	9.69%
Amorphous Silica	112945-52-5	<5%

Each tablet contains:  
28.5, 57, 114 or 228 mg of Pyrantel as pamoate salt  
34, 68, 136 or 272 mcg of Ivermectin  
28.5, 57, 114 or 228 mg of Praziquantel

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**4. FIRST AID MEASURES**

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**Eyes**

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

**Skin**

Wash skin thoroughly with soap and water. Obtain medical attention if redness or soreness persists.

**Ingestion**

Contact a physician immediately if ingested. Physician may call a poison control center for advice concerning human ingestion.

**Inhalation**

Not applicable

**Advice to Physicians**

Federal (U.S.A.) law restricts this drug to use by or on the order of a licensed veterinarian.

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**5. FIRE - FIGHTING MEASURES**

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**Extinguishing Media**

Use extinguishing media appropriate for surrounding materials.

**Unusual Fire and Explosion Hazards**

Can release hazardous vapors during a fire.

**Protective Equipment for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.

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**6. ACCIDENTAL RELEASE MEASURES**

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Sweep and dispose of small amounts in trash. Large amounts should be disposed of in a sanitary landfill.

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**7. HANDLING AND STORAGE**

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Store in original container at temperatures between 59°F and 86°F (15°C - 30° C). Keep out of sunlight. Keep away from children. Wash hands after dispensing to dog before eating, drinking or smoking. Use product on or before expiration date. Discard or return unused tablets.



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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational Exposure Standards

Exposure limits are listed below, if they exist.

#### Pyrantel as Pamoate Salt

None established

#### Ivermectin

None established

#### Praziquantel

None established

#### Amorphous Silica

OSHA PEL: 20 mppcf 8 hr TWA

### Engineering Control Measures

No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

### Respiratory Protection

Not required under normal conditions of use.

### Hand Protection

Not required under normal conditions of use. Workers should wash hands before eating, drinking or smoking.

### Eye Protection

Not required under normal conditions of use.

### Body Protection

Normal work wear.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical State	Solid (tablet)
Color	Beige
Odor	None
pH	Not applicable
Specific Gravity	No data available
Boiling Range/Point (°C/F)	Not applicable
Melting Point (°C/F)	Not applicable
Flash Point (PMCC) (°C/F)	Not flammable
Explosion Limits (%)	No data available
Vapor Pressure	Not applicable
Density	No data available
Solubility in Water	Soluble
Vapor Density (Air = 1)	Not applicable

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## 10. STABILITY AND REACTIVITY

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### Stability

Stable under normal conditions.

### Conditions to Avoid

Heat - high temperatures

### Materials to Avoid

Strong oxidizers



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10. STABILITY AND REACTIVITY

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**Hazardous Polymerization**

Will not occur.

**Hazardous Decomposition Products**

Oxides of carbon- nitrogen oxides - sulfur oxides

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11. TOXICOLOGICAL INFORMATION

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See product insert and/or packaging for additional information.

**Acute Toxicity**

Pyrantel as pamoate salt: Oral LD50 (rat) >4000 mg/kg

Ivermectin: Oral LD50 (rat) 10 - 50 mg/kg

Praziquantel: Oral LD50 (rat) 2840 mg/kg

**Specific Target Organ Systemic Toxicity (single and repeat)**

Pyrantel as pamoate salt: May cause adverse effects to the liver, gastrointestinal tract and central nervous system.

Praziquantel: Chronic overexposure may cause nausea, lethargy, diarrhea, itching, fever and rash.

**Serious Eye damage/Eye Irritation**

Not expected to cause adverse effects.

**Skin Corrosion/Irritation**

Not expected to cause adverse effects.

**Respiratory or Skin Sensitization**

This product may cause a reaction (sneezing, wheezing or skin rash) in individuals sensitive to hydrolyzed vegetable protein or hydrogenated vegetable oil.

Praziquantel: Chronic overexposure may cause urticaria (hives).

**Carcinogenicity**

Not expected to cause long term adverse health effects.

**Germ Cell Mutagenicity**

This product is not expected to cause any mutagenic effects.

**Toxicity to Reproduction**

Praziquantel: Studies in rats and rabbits have shown no evidence of impaired fertility or harm to the fetus. An increase of the abortion rate was found in rats at three times the single human therapeutic dose.

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12. ECOLOGICAL INFORMATION

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**Mobility**

No relevant studies identified.

**Persistence/Degradability**

No relevant studies identified.

**Bio-accumulation**

No relevant studies identified.

**Ecotoxicity**

No relevant studies identified.

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13. DISPOSAL CONSIDERATIONS

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Dispose of in accordance with all applicable local and national regulations.



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**14. TRANSPORT INFORMATION**

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DOT CFR 172.101 Data	Not Regulated
UN Proper Shipping Name	Not Regulated
UN Class	None.
UN Number	None.
UN Packaging Group	None.
Classification for AIR Transportation (IATA)	Consult current IATA Regulations prior to shipping by air.

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**15. REGULATORY INFORMATION**

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<b>US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS</b>
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**TSCA Listing**

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Substance (TSCA) Inventory.

**DSL (Canadian) Listing**

This product contains ingredients that are not listed on the Domestic Substance List (DSL).

**WHMIS Classification**

D.2.B

This product was classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations and the MSDS contains all the information required by these regulations.

**MA Right To Know Law**

This product contains the following chemicals on the Massachusetts Right to Know Law: Cellulose (9004-34-6) - Amorphous Silica (112945-52-5)

**PA Right To Know Law**

This product contains the following chemicals on the Pennsylvania Hazardous Substance List: Cellulose (9004-34-6) - Amorphous Silica (112945-52-5) - Sucrose (57-50-1)

**NJ Right To Know Law**

This product contains the following chemicals on the New Jersey Workplace Hazardous Substance List: Amorphous Silica (112945-52-5)

**California Proposition 65**

This product contains the following materials which the State of California has found to cause cancer, birth defects or other reproductive harm: None

**SARA Title III Sect. 311/312 Categorization**

Immediate (acute) Delayed (chronic)

**SARA Title III Sect. 313**

This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations: Amorphous Silica (112945-52-5)

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**16. OTHER INFORMATION**

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**NFPA Ratings**

NFPA Code for Flammability - 0

NFPA Code for Health - 0

NFPA Code for Reactivity - 0

NFPA Code for Special Hazards - 0



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**16. OTHER INFORMATION**

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**HMIS Ratings**

HMIS Code for Flammability - 0

HMIS Code for Health - 0

HMIS Code for Reactivity - 0

HMIS Code for Personal Protection - See Section 8

**Abbreviations**

ACGIH: American Conference of Governmental Industrial Hygienists

BOD: Biological Oxygen Demand

CAS#: Chemical Abstracts Service Number

FIFRA: Federal Insecticide, Fungicide and Rodenticide Act

IARC: International Agency for Research on Cancer

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

N/A: Denotes no applicable information found or available

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TSCA: Toxic Substance Control Act

**For further information call:** (800) 338-3659

**Prepared By:** EnviroNet LLC

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