



SAFETY DATA SHEET
VIRBANTEL® (pyrantel pamoate/praziquantel)
Flavored Chewables

1. IDENTIFICATION

Product Name	VIRBANTEL® (pyrantel pamoate/praziquantel) Flavored Chewables
Recommended use of the chemical and restrictions on use	
Identified uses	Chewable Tablets for Worm Control in Dogs
Restrictions on Use	Federal law restricts this drug to use by or on the order of a licensed veterinarian.
Company Identification	Virbac AH, Inc. P.O. Box 162059 Fort Worth, Texas 76161 (800) 338-3659
Customer Information Number	
Emergency Telephone Number	
Chemtrec Number	(800) 424-9300
Other Emergency Number:	Poison Control Center: 1-800-222-1222 (human) HOT LINE NUMBER: 1-800-345-4735 (human and pet)
Issue Date	January 26, 2017
Supersedes Date	March 1, 2011

Safety Data Sheet prepared in accordance with OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2. HAZARDS IDENTIFICATION

Hazard Classification

Hazardous to the Aquatic Environment – Long -Term Hazard: Category 3 (This classification not adopted by OSHA)

Label Elements

Hazard Symbols
None

Signal Word: None

Hazard Statements

Harmful to aquatic life with long lasting effects.

Precautionary Statements

Prevention

Avoid release to the environment.

Response

None

Storage

None

Disposal

Dispose of contents/container in accordance with local and national regulations.

Other Hazards

This product may cause a reaction in individuals with pork allergies.



2. HAZARDS IDENTIFICATION

Specific Concentration Limits

The values listed below represent the percentages of ingredients of unknown toxicity.

Acute oral toxicity	10 - 20%
Acute dermal toxicity	50 - 60%
Acute inhalation toxicity	70 - 80%
Acute aquatic toxicity	>90%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms:

This product is a mixture.

Component Name	CAS Number	Concentration
Pyrantel Pamoate	22204-24-6	30 - 40 %
Praziquantel	55268-74-1	10 - 20%
Pork Liver Powder	NA	10 - 20%
Acrylic Polymer	24938-16-7	1 - 10%

4. FIRST AID MEASURES

Description of necessary first-aid measures

Eyes

Not an expected route of entry. If tablet contacts eye, flush thoroughly with water. If pain or irritation persists contact a physician.

Skin

If irritation develops wash skin thoroughly with soap and water. Obtain medical attention if redness or soreness persists.

Ingestion

Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation

Remove person to fresh air. Seek medical attention if symptoms persist.

Most important symptoms/effects, acute and delayed

Aside from the information found under Description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.

Indication of immediate medical attention and special treatment needed

Notes to Physicians

Treat symptomatically.

5. FIRE - FIGHTING MEASURES

Extinguishing Media

Use extinguishing media appropriate for surrounding materials.

Unusual Fire and Explosion Hazards

Can release hazardous vapors during a fire.



5. FIRE - FIGHTING MEASURES

Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

No specific measures recommended.

Environmental Precautions

Prevent the material from entering drains or watercourses.

Methods and materials for containment and cleaning up

Pick up and dispose of in accordance with all applicable local and national regulations. Prevent the material from entering drains or watercourses.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear appropriate protective clothing.

Conditions for safe storage

Store in original container at temperatures between 59°F and 86°F (15°C - 30°C). Store away from children and pets.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist.

Appropriate engineering controls

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

Individual protection measures

Respiratory Protection

Not required under normal conditions of use.

Skin Protection

Not required under normal conditions of use.

Eye/Face Protection

Not required under normal conditions of use.

Body Protection

Normal work wear

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State Solid (tablet)

Color Beige

Odor

None



9. PHYSICAL AND CHEMICAL PROPERTIES

Odor Threshold	No data available
pH	No data available
Relative Density	No data available
Boiling Range/Point (°C/F)	No data available
Melting Point (°C/F)	No data available
Flash Point (PMCC) (°C/F)	Not flammable
Vapor Pressure	No data available
Evaporation Rate (BuAc=1)	No data available
Solubility in Water	No data available
Vapor Density (Air = 1)	No data available
VOC	No data available
Partition coefficient (n-octanol/water)	Not applicable
Viscosity	Not applicable
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Upper explosive limit	No data available
Lower explosive limit	No data available
Flammability (solid, gas)	No data available

10. STABILITY AND REACTIVITY

Reactivity

Data is not available

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to Avoid

Heat - high temperatures

Incompatible Materials

None known.

Hazardous Decomposition Products

Oxides of carbon – nitrogen oxides – sulfur oxides – combustible acrylate vapors

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Praziquantel

Oral LD50 (rat) 2840 mg/kg

Dermal LD50 (rat) >2000 mg/kg

Pyrantel Pamoate

Oral LD50 (rat) >2000 mg/kg



11. TOXICOLOGICAL INFORMATION

Specific Target Organ Toxicity (STOT) – single exposure

Praziquantel: Acute overexposure (ingestion) may cause dizziness, headache, drowsiness, malaise, abdominal pain.

Specific Target Organ Toxicity (STOT) – repeat exposure

No relevant studies identified.

Serious Eye damage/Irritation

Praziquantel: Not irritating to eyes in rabbit studies.

Skin Corrosion/Irritation

Praziquantel: Not irritating to skin in rabbit studies.

Respiratory or Skin Sensitization

This product may cause a reaction in individuals with pork allergies.

Praziquantel: Not sensitizing to skin in guinea pig study.

No relevant studies identified.

Carcinogenicity

Not considered carcinogenic by NTP, IARC, and OSHA.

Germ Cell Mutagenicity

Praziquantel: Negative results for in vivo and in vitro animal studies.

Pyrantel Pamoate: Ames test in *S. typhimurium* Result: Negative. Murine Sperm-head abnormality test Result: Positive.

Reproductive Toxicity

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.

Pyrantel Pamoate: No evidence of adverse effects on fertility, reproduction or lactation was observed in rats at oral doses of 250 mg/kg/day. No maternal toxicity, embryo or fetotoxicity were observed in perinatal and postnatal toxicity study.

Aspiration Hazard

Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Praziquantel: Chronic Aquatic Toxicity: Category 3

Acrylic Polymer: Chronic Aquatic Toxicity: Category 2

Mobility in soil

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bioaccumulative Potential

No relevant studies identified.



12. ECOLOGICAL INFORMATION

Other adverse effects

No relevant studies identified.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

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

14. TRANSPORT INFORMATION

Contact supplier for transport information.

15. REGULATORY INFORMATION

United States TSCA Inventory

This product is excluded from the US EPA Toxic Substance Control Act and is regulated under the Food, Drug and Cosmetic Act.

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: Methanol

SARA Title III Sect. 311/312 Categorization

None

SARA Title III Sect. 313

The following chemicals are listed in Section 313 at or above de minimis concentrations: None

16. OTHER INFORMATION

Legend

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

Revision Date: January 26, 2017

Replaces: March 1, 2011

Changes made: Updated to GHS classification.



16. OTHER INFORMATION

Information Source and References

This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

Prepared By: EnviroNet LLC.

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