



## SAFETY DATA SHEET

### 1. IDENTIFICATION

**Trade Name:** Piperazine Wormer Capsules for Cats  
**Product Identifier:** Piperazine Wormer Capsules for Cats  
**Synonym:** TS6  
**Brand Names:** Sentry, Worm Away

**Manufacturer:** The Perrigo Company  
515 Eastern Avenue  
Allegan, MI 49010 USA  
Tel: 269-673-8451  
Email [SDSRequest@Perrigo.com](mailto:SDSRequest@Perrigo.com)

**Manufacturing Site:** Sergeant's Pet Care Products, Inc.  
10077 South 134<sup>th</sup> Street  
Omaha, NE 68138 USA

**Emergency phone number:** 888-464-2986 (U.S. calls)  
First aid or Spill: +1 760-476-3962 Code 333304 (International calls)

Pet emergency/  
Adverse event report: 1-800-781-4738

**Recommended use:** Worm treatment for cats

**Restrictions on use:** Use only as directed.

### 2. HAZARD(S) IDENTIFICATION

**Classification:**

Physical	Health
Not hazardous	Not hazardous

**Label Elements:**

Not hazardous in accordance with the GHS and OSHA Hazcom 2012.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Concentration
Piperazine Citrate	41372-10-5	Proprietary
Magnesium Stearate	557-04-0	Proprietary

The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST-AID MEASURES

**Inhalation:** If dust from broken capsules is inhaled, move to fresh air. If irritation occurs or symptoms develop, get medical attention.

**Skin contact:** No first aid normally required. If irritation develops after handling damaged capsules, get medical attention.

**Eye contact:** Flush eyes with water while lifting the upper and lower lids. Remove contact lenses if present and easy to do, then continue rinsing. Get medical attention if irritation persists.

**Ingestion:** Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to a person who is unconscious or convulsing. Get medical attention if large amount is swallowed.

**Most important symptoms/effects, acute and delayed:** Dust may cause eye irritation. Inhalation of dust from broken capsules may cause upper respiratory tract irritation. Ingestion may cause intestinal upset with nausea and diarrhea.

**Indication of immediate medical attention and special treatment, if necessary:** Immediate medical attention is not generally required.

#### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Use water fog, foam, dry chemical or CO<sub>2</sub>.

**Specific hazards arising from the chemical:** Capsules are not a fire hazard but may burn under fire conditions. Fine dust from crushed capsules will present a dust explosion hazard.

**Special protective equipment and precautions for fire-fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Wear appropriate protective clothing and equipment as described in Section 8. Avoid generating airborne dust during cleanup. If dust is present, eliminate all sources of ignition.

**Environmental Precautions:** Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

**Methods and materials for containment and cleaning up:** Collect using methods that avoid the generation of dust and damage to capsules (scoop up carefully) and place in appropriate container for disposal. Clean area thoroughly. If dust is present, do not use vacuum unless explosion-proof.

#### 7. HANDLING AND STORAGE

**Precautions for safe handling:** Avoid the generation of dust. If capsules are damaged, avoid contact with eyes, skin and clothing and avoid breathing dust.

**Conditions for safe storage, including any incompatibilities:** Store as indicated on product packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure guidelines:

Piperazine Citrate	None Established
Magnesium Stearate	10 mg/m <sup>3</sup> TWA (total dust) ACGIH TLV

**Appropriate engineering controls:** Use with adequate general or local exhaust ventilation to keep exposures below occupational exposure limits.

### Individual protection measures:

**Respiratory protection:** None needed under normal use conditions. If exposure limits are exceeded, a NIOSH approved particulate respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**Skin protection:** None normally required.

**Eye protection:** Chemical safety goggles recommended for handling damaged capsules.

**Other:** None known.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance (physical state, color, etc.):** Yellow and dark gray capsules

**Odor:** None

<b>Odor threshold:</b> Not applicable	<b>pH:</b> Not applicable
<b>Melting point/freezing point:</b> Not applicable	<b>Boiling Point:</b> Not applicable
<b>Flash point:</b> Not applicable	<b>Evaporation rate:</b> Not applicable
<b>Flammability (solid, gas):</b> Not flammable	<b>VOC:</b> Not applicable
<b>Flammable limits: LEL:</b> Not applicable	<b>UEL:</b> Not applicable
<b>Vapor pressure:</b> Not applicable	<b>Vapor density:</b> Not applicable
<b>Relative density:</b> Not available	<b>Solubility(ies):</b> Not available
<b>Partition coefficient: n-octanol/water:</b> Not available	<b>Auto-ignition temperature:</b> Not available
<b>Decomposition temperature:</b> Not available	<b>Viscosity:</b> Not applicable

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions of use.

**Chemical stability:** Stable.

**Possibility of hazardous reactions:** None known.

**Conditions to avoid:** None known.

**Incompatible materials:** Avoid oxidizing agents.

**Hazardous decomposition products:** Thermal decomposition may yield carbon, nitrogen and magnesium oxides.

## 11. TOXICOLOGICAL INFORMATION

### Acute effects of exposure:

**Inhalation:** Inhalation of dust from damaged capsules may cause irritation of the mucous membranes and upper respiratory tract.

**Ingestion:** Ingestion may cause intestinal upset with nausea and diarrhea.

**Skin contact:** No adverse effects are expected.

**Eye contact:** Contact with damaged capsules may cause slight irritation with redness and tearing.

**Chronic Effects:** None known.

**Sensitization:** Components are not skin sensitizers.

**Germ Cell Mutagenicity:** Components are not germ cell mutagens.

**Reproductive Toxicity:** Components are not reproductive toxins.

**Carcinogenicity:** None of the components are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

**Acute Toxicity Values:** Piperazine Citrate: LD50 oral rat 11,200 mg/kg.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity values:** No data is available.

**Persistence and degradability:** No data is available

**Bioaccumulative potential:** No data is available

**Mobility in soil:** No data is available.

**Other adverse effects:** None known.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations. Do not reuse container. Dispose of empty container in trash or recycle.

## 14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
<b>DOT</b>	None	Not Regulated			
<b>TDG</b>	None	Not Regulated			
<b>IMDG</b>	None	Not Regulated			
<b>IATA</b>	None	Not Regulated			

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form.

**Special precautions:** None known.

## 15. REGULATORY INFORMATION

**Safety, health, and environmental regulations specific for the product in question.**

**CERCLA:** This product is not subject to CERCLA release reporting. Many states have more stringent release reporting requirements. Report spills as required under federal, state and local regulations.

**SARA Hazard Category (311/312):** Not Hazardous

**EPA SARA 313:** This product contains the following chemicals regulated under SARA Title III, section 313:  
None

**EPA TSCA Inventory:** This product is a drug and not subject to TSCA.

## 16. OTHER INFORMATION

**NFPA Rating:** Health = 1      Flammability = 1      Instability = 0  
**HMIS Rating:** Health = 1      Flammability = 1      Physical Hazard = 0

**SDS Revision History:** New SDS

**Date of Preparation:** August 14, 2016

**Disclaimer:** This SDS has been prepared for occupational exposure. Consumers: Refer to the package insert or product label for appropriate consumer-specific information about this product when used according to manufacturer's directions. Although reasonable

care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).