

## SAFETY DATA SHEETS

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

078912713

N/A



## SAFETY DATA SHEET

122000007170

**Drontal**

Version 4.1

Revision Date 12/09/2010

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**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****Product information**

**Product Name:** Drontal for Feline  
**MSDS Number:** 122000007170

**Company**

BAYER HEALTHCARE LLC  
Animal Health Division  
12707 Shawnee Mission Parkway  
(West 63rd)  
Shawnee, KS 66216-1846  
UNITED STATES  
(800) 633-3796

**In case of emergency:** (800) 422-9874  
Chemtrec: (800) 424-9300  
BAYER INFORMATION PHONE: (800) 633-3796  
INTERNATIONAL: (703) 527-3887

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**2. HAZARDS IDENTIFICATION****Emergency Overview**

<b>CAUTION!</b> Colour: yellow Form: solid tablet Odour: Slight, musty. Product poses little or no hazard if spilled and no unusual hazard if involved in a fire.
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**Hazard Communication (29CFR 1910.1200)**

Skin Contact Eye Contact Ingestion

**Acute Skin Hazards**

Exposure during the end use of this product is expected to be minimal. May cause irritation with symptoms of reddening and itching.

**Acute Eye Hazards**

Exposure during the end use of this product is expected to be minimal. May cause irritation with symptoms of reddening, tearing and stinging.

**Medical Conditions Aggravated by Exposure**

Hypersensitivity to any components of the preparation.

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Other Ingredients Weight percent	Components	CAS-No.
60 - 100%	Pyrantelpamoat (Pyrantelmonat)	22204-24-6
5 - 10%	Praziquantel	55268-74-1

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### 4. FIRST AID MEASURES

**General advice:** Take off all contaminated clothing immediately.

**If inhaled:** Remove to fresh air. If symptoms persist, call a physician.

**In case of skin contact:** After contact with skin, wash immediately with plenty of soap and water. If skin reactions occur, contact a physician.

**In case of eye contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**If swallowed:** If swallowed, seek medical advice immediately and show this container or label.

**Contact Number:** Use the Bayer Emergency Number in Section 1

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### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Any

**Specific hazards during fire fighting:** Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO<sub>2</sub>)

**Special protective equipment for fire-fighters:** In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

**Further information:** Prevent fire extinguishing water from contaminating surface water or the ground water system.

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### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment.

**Methods for cleaning up:** Contain spillage, and then collect with an electrically protected vacuum

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cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

**Additional advice:** Avoid dust formation.

**Further Accidental Release Notes**      Avoid dust formation.

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## 7. HANDLING AND STORAGE

**Handling:**

Avoid dust formation. Only handle product with local exhaust ventilation. Avoid contact with skin, eyes and clothing.

Take measures to prevent the build up of electrostatic charge. Keep away from open flames, hot surfaces and sources of ignition.

**Storage:**

Storage temperature: < 86 °F (< 30 °C)

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory protection:**

Recommended Filter type: HEPA

**Hand protection:**

Chemically resistant gloves.

**Eye protection:**

Safety glasses

**Other protective measures:**

Wear suitable protective equipment.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	tablet
Colour:	yellow
Odour:	Slight musty
Melting point:	no data available
Density:	no data available
Bulk density:	no data available
Vapour pressure:	not applicable

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Water solubility:	no data available
pH:	no data available
Partition coefficient (n-octanol/water):	no data available
Solubility in organic solvents:	no data available
Ignition temperature:	no data available

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**10. STABILITY AND REACTIVITY****Conditions to avoid:** no data available**Materials to avoid:** Oxidizing agents**Hazardous reactions:** None known.**Thermal decomposition:**

no data available

**Hazardous decomposition products:**Carbon monoxide, Carbon dioxide (CO<sub>2</sub>)

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**11. TOXICOLOGICAL INFORMATION****Other information on toxicity:**Praziquantel  
not mutagen**Acute oral toxicity:**Pyrantelpamoat (Pyrantelmonat)  
LD50 rat: > 24,000 mg/kgPraziquantel  
LD50 rat: 2,840 mg/kg**Eye irritation:**Pyrantelpamoat (Pyrantelmonat)  
Result: Causes eye irritation.Praziquantel  
Result: Mild eye irritation

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**Sensitisation:**

Pyrantelpamoat (Pyrantelmonat)

Skin sensitization

Result: Causes sensitization.

Respiratory tract sensitization

Result: Causes sensitization.

**Pharmaceutical effects:**

Praziquantel

Anthelmintics

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**12. ECOLOGICAL INFORMATION****General advice:**

Do not allow to enter surface waters or groundwater.

**Toxicity to fish:**

Pyrantelpamoat (Pyrantelmonat)

Acute Fish toxicity: LC0 &gt; 60.6 mg/l

Test species: Danio rerio / Brachydanio rerio (zebra fish) Duration of test: 96 h

Praziquantel

Acute Fish toxicity: LC50 17 mg/l

Duration of test: 24 h

LC0 32 mg/l

Test species: Danio rerio / Brachydanio rerio (zebra fish)

LC100 100 mg/l

Test species: Danio rerio / Brachydanio rerio (zebra fish)

**Toxicity to daphnia and other aquatic invertebrates:**

Pyrantelpamoat (Pyrantelmonat)

EC0 9.45 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 24 h

EC100 &gt; 39.39 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 24 h

EC0 4.79 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 48 h

EC50 12.68 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 48 h

EC100 39.39 mg/l

Test species: Daphnia magna (Water flea) Duration of test: 48 h

Praziquantel

EC0 35 mg/l

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EC100 100 mg/l

**Toxicity to algae:**

Praziquantel

Cell multiplication inhibition test EbC50 140 mg/l

tested on: *Desmodesmus subspicatus* (Green algae) Duration of test: 72 h

Cell multiplication inhibition test EbC10 60 mg/l

tested on: *Desmodesmus subspicatus* (Green algae) Duration of test: 72 h

Cell multiplication inhibition test ErC50 77 mg/l

tested on: *Desmodesmus subspicatus* (Green algae) Duration of test: 72 h

Cell multiplication inhibition test ErC10 41 mg/l

tested on: *Desmodesmus subspicatus* (Green algae) Duration of test: 72 h

Cell multiplication inhibition test NOEbC 25 mg/l

tested on: *Desmodesmus subspicatus* (Green algae) Duration of test: 72 h

Cell multiplication inhibition test NOErC 25 mg/l

tested on: *Desmodesmus subspicatus* (Green algae) Duration of test: 72 h**Toxicity to bacteria:**

Praziquantel

EC50 &gt; 1,000 mg/l

Duration of test: 3 h

**Biodegradability:**

Pyrantelpamoat (Pyrantelmonat)

2 %, 28 d

Not readily biodegradable.

Praziquantel

0 %, Not readily biodegradable.

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**13. DISPOSAL CONSIDERATIONS**

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

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**14. TRANSPORT INFORMATION****Land transport (DOT)****Non-Regulated****Inland waterway transport****Non-Regulated**

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**Railway transport****Non-Regulated****Sea transport (IMDG)****Non-Regulated****Air transport (ICAO / IATA cargo aircraft only)****Non-Regulated****Air transport (ICAO / IATA passenger and cargo aircraft)****Non-Regulated**

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**15. REGULATORY INFORMATION****US. Toxic Substances Control Act**

This product is exempt from TSCA under Section 3 (2)(B)(vi) when used for pharmaceutical application.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)****Components**

None

**SARA Section 311/312 Hazard Categories**

Exempt from SARA Section 311/312

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required****Components**

None

**US. EPA CERCLA Hazardous Substances (40 CFR 302)Components**

None

**Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists****Weight percent****Components****CAS-No.**

5 - 10%

Cellulose microcrystalline

9004-34-6

**California Prop. 65**

To the best of our knowledge, this product does not contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects or other reproductive harm.

**OSHA Hazcom Standard Rating**Not subject to OSHA

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**16. OTHER INFORMATION****NFPA 704M Rating**

<b>Health</b>	1
<b>Flammability</b>	0
<b>Reactivity</b>	0
<b>Other</b>	0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.