

## **SAFETY DATA SHEETS**

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

078912710

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

078912711



## SAFETY DATA SHEET

122000001124

**Droncit (praziquantel) Injectable for Dogs & Cats**

Version 1.1

Revision Date 06/22/2011

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

**Product Name:** Droncit (praziquantel) Injectable for Dogs & Cats, Droncit solution <6% - Bulk

**MSDS Number:** 122000001124

**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

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

**CAUTION!** **Colour:** colorless to tinted **Form:** liquid **Odour:** sweet, like fruit.  
May cause skin irritation. May cause eye irritation.

**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****Hazardous Ingredients:**

Weight percent	Components	CAS-No.
60 - 100%	Glycol	
5 - 10%	Alcohol derivative	

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**4. FIRST AID MEASURES**

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

**If inhaled:** Remove to fresh air. Call a physician immediately.

**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:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media:** High volume water jet

**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.

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

**Droncit (praziquantel) Injectable for Dogs & Cats**

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**6. ACCIDENTAL RELEASE MEASURES**

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

**Methods for cleaning up:** Cover spilt product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labelled, closable containers.

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**7. HANDLING AND STORAGE****Handling:**

No special precautions required.

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****Glycol**

US. Workplace Environmental Exposure Level (WEEL) Guides  
Time Weighted Average (TWA): 10 mg/m<sup>3</sup> (Aerosol.)

**Alcohol derivative****Respiratory protection:**

Recommended Filter type: Organic vapor with prefilter

**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**

Colour:	colorless to tinted
Odour:	sweet like fruit
Density:	ca. 1.0430 g/cm <sup>3</sup> at 68 °F (20 °C)
Vapour pressure:	no data available
Viscosity, dynamic:	no data available

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Miscibility with water:	miscible
pH:	no data available
Partition coefficient (n-octanol/water):	no data available
Flash point:	209.3 °F (98.5 °C)
Ignition temperature:	not determined

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**10. STABILITY AND REACTIVITY****Conditions to avoid:** Do not allow product to come in contact with:

Exposure to light.

Exposure to air.

**Materials to avoid:** Oxidizing agents**Hazardous reactions:** None known.**Thermal decomposition:**

no data available

**Hazardous decomposition products:**No hazardous decomposition products are known., 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:**Glycol  
LD<sub>50</sub> rat: 19400 - 36000Praziquantel  
LD<sub>50</sub> rat: 2,840 mg/kg**Acute dermal toxicity:**Glycol  
LD<sub>50</sub> rabbit: 20800**Skin irritation:**Glycol  
rabbit  
slight irritation

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**Eye irritation:**

Glycol  
rabbit  
slight irritation

Praziquantel

Result: Mild eye irritation

**Sensitisation:**

Glycol  
Human experience  
Result: Non-sensitizer

**Genotoxicity in vitro:**

Glycol  
Ames test Bacteria  
Result: negative

**Pharmaceutic effects:**

Praziquantel  
Anthelmintics

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

Do not allow to enter surface waters or groundwater.

**Toxicity to fish:**

Glycol  
Acute Fish toxicity: LC50 > 20,000 mg/l  
Test species: Pimephales promelas (fathead minnow) 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 (zebra fish)

LC100 100 mg/l

Test species: Danio rerio (zebra fish)

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

Glycol  
LC50 34,400 mg/l  
Test species: Daphnia magna (Water flea) Duration of test: 48 h

Praziquantel

EC0 35 mg/l

EC100 100 mg/l

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**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:**

Glycol

&gt; 20,000 mg/l

tested on: Pseudomonas putida

Praziquantel

EC50 &gt; 1,000 mg/l

Duration of test: 3 h

**Biodegradability:**

Glycol

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**

**Droncit (praziquantel) Injectable for Dogs & Cats**

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**Non-Regulated****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 excluded from TSCA regulation by  
Section 3 (2)(B)(vi) when used for FDA 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.**

60 - 100%

Glycol

5 - 10%

Alcohol derivative

**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**Hazardous

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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

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

**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.



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

**Product Name:** Droncit (praziquantel) Injectable for Dogs & Cats, Droncit solution <6% - Bulk

**MSDS Number:** 122000001124

**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**

<p><b>CAUTION!</b> <b>Colour:</b> colorless to tinted <b>Form:</b> liquid <b>Odour:</b> sweet, like fruit. May cause skin irritation. May cause eye irritation.</p>
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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****Hazardous Ingredients:**

Weight percent	Components	CAS-No.
60 - 100%	Glycol	
5 - 10%	Alcohol derivative	

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**4. FIRST AID MEASURES**

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

**If inhaled:** Remove to fresh air. Call a physician immediately.

**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:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media:** High volume water jet

**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.

**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:** Cover spilt product with liquid-binding material (sand, silica gel, acid binder, universal binder, hybilat). Take up mechanically and fill into labelled, closable containers.

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**7. HANDLING AND STORAGE****Handling:**

No special precautions required.

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****Glycol**

US. Workplace Environmental Exposure Level (WEEL) Guides  
Time Weighted Average (TWA): 10 mg/m<sup>3</sup> (Aerosol.)

**Alcohol derivative****Respiratory protection:**

Recommended Filter type: Organic vapor with prefilter

**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**

Colour:	colorless to tinted
Odour:	sweet like fruit
Density:	ca. 1.0430 g/cm <sup>3</sup> at 68 °F (20 °C)
Vapour pressure:	no data available
Viscosity, dynamic:	no data available

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Miscibility with water:	miscible
pH:	no data available
Partition coefficient (n-octanol/water):	no data available
Flash point:	209.3 °F (98.5 °C)
Ignition temperature:	not determined

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**10. STABILITY AND REACTIVITY****Conditions to avoid:** Do not allow product to come in contact with:

Exposure to light.

Exposure to air.

**Materials to avoid:** Oxidizing agents**Hazardous reactions:** None known.**Thermal decomposition:**

no data available

**Hazardous decomposition products:**No hazardous decomposition products are known., 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:**Glycol  
LD<sub>50</sub> rat: 19400 - 36000Praziquantel  
LD<sub>50</sub> rat: 2,840 mg/kg**Acute dermal toxicity:**Glycol  
LD<sub>50</sub> rabbit: 20800**Skin irritation:**Glycol  
rabbit  
slight irritation

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**Eye irritation:**

Glycol  
rabbit  
slight irritation

Praziquantel

Result: Mild eye irritation

**Sensitisation:**

Glycol  
Human experience  
Result: Non-sensitizer

**Genotoxicity in vitro:**

Glycol  
Ames test Bacteria  
Result: negative

**Pharmaceutic effects:**

Praziquantel  
Anthelmintics

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

Do not allow to enter surface waters or groundwater.

**Toxicity to fish:**

Glycol  
Acute Fish toxicity: LC50 > 20,000 mg/l  
Test species: Pimephales promelas (fathead minnow) 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 (zebra fish)

LC100 100 mg/l

Test species: Danio rerio (zebra fish)

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

Glycol  
LC50 34,400 mg/l  
Test species: Daphnia magna (Water flea) Duration of test: 48 h

Praziquantel

EC0 35 mg/l

EC100 100 mg/l

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**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:**

Glycol

&gt; 20,000 mg/l

tested on: Pseudomonas putida

Praziquantel

EC50 &gt; 1,000 mg/l

Duration of test: 3 h

**Biodegradability:**

Glycol

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**

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**Non-Regulated****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 excluded from TSCA regulation by  
Section 3 (2)(B)(vi) when used for FDA 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.**

60 - 100%

Glycol

5 - 10%

Alcohol derivative

**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**Hazardous

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**Droncit (praziquantel) Injectable for Dogs & Cats**

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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

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

**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.