



SAFETY DATA SHEET

Praziquantel Injectable for Dogs

Revision Date: May 15, 2015

Version 1.1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

Product Name: Praziquantel Injectable for Dogs & Cats, Droncit solution <6% - Bulk

Company

Bimeda, Inc.
One Tower Lane, Suite 2250
Oakbrook Terrace Tower
Oakbrook Terrace, IL 60181
USA
Telephone: + 1 630-9280361
www.bimeda.com

In case of emergency:

Emergency Phone #: 800-424-9300 (Chemtrec Service)

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	

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

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 (CO₂)

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.

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)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Glycol

US. Workplace Environmental Exposure Level (WEEL) Guides
Time Weighted Average (TWA): 10 mg/m³ (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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour:	colorless to tinted
Odour:	sweet like fruit
Density:	ca. 1.0430 g/cm ³ 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

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 (CO₂)

11. TOXICOLOGICAL INFORMATION

Other information on toxicity:

Praziquantel

not mutagen

Acute oral toxicity:

Glycol

LD50 rat: 19400 - 36000

Praziquantel

LD50 rat: 2,840 mg/kg

Acute dermal toxicity:

Glycol

LD50 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

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

> 20,000 mg/l

tested on: Pseudomonas putida

Praziquantel

EC50 > 1,000 mg/l

Duration of test: 3 h

Biodegradability:

Glycol

Readily biodegradable.

Praziquantel

0 %, Not readily biodegradable.

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.

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

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.
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60 - 100%	Glycol	
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5 - 10%	Alcohol derivative	
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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

NEPA 704M Rating

Health	1
Flammability	0
Reactivity	0
Other	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.