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

Product information

Product Name: Droncit (praziquantel) Injectable for Dogs & Cats
MSDS Number: 12200001124

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: pink  clear  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
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Weight percent</th>
<th>Components</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 - 100%</td>
<td>Glycol</td>
<td></td>
</tr>
<tr>
<td>5 - 10%</td>
<td>Alcohol derivative</td>
<td></td>
</tr>
</tbody>
</table>

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.

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
US. Workplace Environmental Exposure Level (WEEL) Guides
Time Weighted Average (TWA): 10 ppm, 44 mg/m3

Respiratory protection:
Recommended Filter type: Organic vapor with prefilter

Hand protection:
Chemically resistant gloves.

Eye protection:
Protective goggles

Other protective measures:
Wear suitable protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour:
pink
clear

Odour:
sweet like fruit

Density:
ca. 1.0430 g/cm3 at 68 °F (20 °C)

Vapour pressure:
no data available

Viscosity, dynamic:
no data available
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:**
- Glycol

**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

Eye irritation:
Glycol
rabbit
slight irritation

Praziquantel
Result: Mild eye irritation

Sensitisation:
Glycol
Human experience
Result: not sensitizing

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 / Brachydanio rerio (zebra fish)

LC100 100 mg/l
Test species: Danio rerio / Brachydanio 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

**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  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.
  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

16. OTHER INFORMATION

NFPA 704M Rating

<table>
<thead>
<tr>
<th></th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
</tr>
</tbody>
</table>

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.