



SAFETY DATA SHEET

122000014884

Tapeworm Dewormer Cat and Dog

Version 1.0

Revision Date 08/11/2016

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

Product information

Product Name: Tapeworm Dewormer Cat and Dog

SDS Number: 122000014884

Use : veterinary medicine

Company

Bayer HealthCare, LLC
Animal Health Division
12707 Shawnee Mission Parkway
(West 63rd)
Shawnee, KS 66216-1846
UNITED STATES OF AMERICA
(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

Form: solid

GHS Classification:

Not a hazardous substance or mixture.

GHS label elements:

Not a hazardous substance or mixture.

Other hazards which do not result in classification:

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

SAFETY DATA SHEET

Tapeworm Dewormer Cat and Dog

122000014884

Version 1.0

Revision Date 08/11/2016

Weight percent	Components	CAS-No.
0.86%	Praziquantel	55268-74-1

Other Ingredients	Components	CAS-No.
Weight percent		
43%	Starch	9005-25-8
48%	Cellulose	9004-34-6

4. FIRST AID MEASURES

General advice: No hazards which require special first aid measures.

If inhaled: Not an expected entry route.

In case of skin contact: If skin irritation persists, call a physician.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: In case of accidental ingestion, contact your regional poison center or physician immediately.

Contact Number: Use the Bayer Emergency Number in Section 1

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards during firefighting: Fire may cause the release of: Carbon monoxide (CO)
Carbon dioxide (CO₂)

Special protective equipment for firefighters: 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: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see

SAFETY DATA SHEET
Tapeworm Dewormer Cat and Dog

122000014884

Version 1.0

Revision Date 08/11/2016

section 13).

Additional advice: Avoid dust formation.

Further Accidental Release Notes Avoid dust formation.

7. HANDLING AND STORAGE

Handling:

No special precautions required.

No special protective measures against fire required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Starch (9005-25-8)

US. ACGIH Threshold Limit Values

Time Weighted Average (TWA): 10 mg/m³

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 10 mg/m³ (Total)

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 5 mg/m³ (Respirable.)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Permissible exposure limit: 15 mg/m³ (Total dust.)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Permissible exposure limit: 5 mg/m³ (Respirable fraction.)

Cellulose (9004-34-6)

US. ACGIH Threshold Limit Values

Time Weighted Average (TWA): 10 mg/m³

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 10 mg/m³ (Total)

US. NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 5 mg/m³ (Respirable.)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Permissible exposure limit: 5 mg/m³ (Respirable fraction.)

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Permissible exposure limit: 15 mg/m³ (Total dust.)

Respiratory protection:

No personal respiratory protective equipment normally required. Breathing apparatus only if aerosol or dust is formed. Effective dust mask

Recommended Filter type: HEPA

None required for consumer use of this product.

Tapeworm Dewormer Cat and Dog

Version 1.0

Revision Date 08/11/2016

Hand protection:

Chemically resistant gloves.
None required for consumer use of this product.

Eye protection:

Safety glasses

None required for consumer use of this product.

Other protective measures:

No special safety precautions are required during handling of pharmaceuticals in their intended finished form (tablets or liquid formulations) by chemists, the hospital's medical staff or patients.

For the intake of ready for use pharmaceuticals or the external use on the skin please read the label and the package leaflet.

Wear suitable protective equipment.

Please consult label for end-user requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	solid
Colour:	No applicable information is available
Odour:	No applicable information is available
Odour Threshold:	No applicable information is available
Melting point:	No applicable information is available
Boiling point/boiling range:	No applicable information is available
Density:	No applicable information is available
Bulk density:	No applicable information is available
Vapour pressure:	Not applicable
Viscosity, dynamic:	No applicable information is available
Viscosity, kinematic:	No applicable information is available
Flow time:	No applicable information is available
Surface tension:	No applicable information is available
Miscibility with water:	No applicable information is available
Water solubility:	No applicable information is available
pH:	No applicable information is available
Relative density:	No applicable information is available
Partition coefficient:	No applicable information is available
Solubility(ies):	No applicable information is available
Flash point:	No applicable information is available
Flammability (solid, gas):	No applicable information is available
Ignition temperature:	No applicable information is available
Explosion limits:	No applicable information is available

Tapeworm Dewormer Cat and Dog

Version 1.0

Revision Date 08/11/2016

10. STABILITY AND REACTIVITY**Conditions to avoid:** No data available**Materials to avoid:** Oxidizing agents**Hazardous reactions:** No data available**Thermal decomposition:**

No data available

Hazardous decomposition products:Carbon monoxide (CO), Carbon dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION**Other information on toxicity:**

Praziquantel

Ingestion of large quantities: Dizziness, Difficulty in breathing, Convulsions, Tiredness

Acute oral toxicity:

Starch

No adverse effect has been observed in acute toxicity tests.

Cellulose

LD₅₀ Rat: > 5,000 mg/kg

No adverse effect has been observed in acute toxicity tests.

Praziquantel

Harmful if swallowed.

Acute inhalation toxicity:

Cellulose

LC₅₀ Rat: > 5.05 mg/l, 4 h**Acute dermal toxicity:**

Cellulose

LD₅₀ Rabbit: > 2,000 mg/kg

Praziquantel

Harmful in contact with skin.

Acute toxicity (other routes of administration):

Starch

LD₅₀ intraperitoneal Mouse: 6,600 mg/kg**Skin irritation:**

Tapeworm Dewormer Cat and Dog

Version 1.0

Revision Date 08/11/2016

Starch
Rabbit
Result: Mild skin irritation
Method: Draize Test

Cellulose
Rabbit
Result: No skin irritation

Eye irritation:

Cellulose
Rabbit
Result: No eye irritation

Praziquantel
Result: Mild eye irritation

Sensitisation:

Cellulose
Skin sensitization guinea pig
Result: Did not cause sensitisation on laboratory animals.

Genotoxicity in vitro:

Cellulose
Ames test
Result: Negative.

Praziquantel
Ames test
Result: Negative., No evidence of a gene mutagenic effect.

Genotoxicity in vivo:

Cellulose
Mouse
Result: No indication of mutagenic effects.

Carcinogenicity:

Praziquantel
Result: Animal testing did not show any carcinogenic effects.

Reproductive toxicity:

Praziquantel
Result: Animal testing did not show any effects on fertility.

Teratogenicity:

Praziquantel
Result: Did not show teratogenic effects in animal experiments.

Pharmaceutic effects:

Praziquantel
Anthelmintics

Carcinogenicity:

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

Tapeworm Dewormer Cat and Dog

Version 1.0

Revision Date 08/11/2016

STOT - single exposure:**Components:****55268-74-1 :**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure:**Components:****55268-74-1 :**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

12. ECOLOGICAL INFORMATION**General advice:**

Do not allow to enter surface waters or groundwater.

Toxicity to fish:

Cellulose

Acute Fish toxicity: LC50 > 100 mg/l

Test species: Oncorhynchus mykiss (rainbow trout) Duration of test: 96 h

Praziquantel

Acute Fish toxicity: LC50 17 mg/l

Duration of test: 24 h

Toxicity to daphnia and other aquatic invertebrates:

Cellulose

LC50 > 100 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:

Cellulose

EC50 > 100 mg/l

Duration of test: 96 h

NOEC 12.5 mg/l

Duration of test: 96 h

Praziquantel

Cell multiplication inhibition test EbC50 140 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

Tapeworm Dewormer Cat and Dog

Version 1.0

Revision Date 08/11/2016

Cell multiplication inhibition test NOEbC 25 mg/l
tested on: Desmodium subspicatus (green algae) Duration of test: 72 h

Cell multiplication inhibition test NOErC 25 mg/l
tested on: Desmodium subspicatus (green algae) Duration of test: 72 h

Toxicity to bacteria:

Praziquantel
EC50 > 1,000 mg/l
Duration of test: 3 h

Biodegradability:

Cellulose

inherently degradable

Praziquantel
0 %, Not rapidly 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 (CFR)
non-regulated

US Sea transport (IMDG)
non-regulated

US Air transport (ICAO / IATA cargo aircraft only)
non-regulated

US Air transport (ICAO / IATA passenger and cargo aircraft)
non-regulated

<u>International IATA</u>	non-regulated
IMDG	non-regulated

15. REGULATORY INFORMATION

Labelling according to EC Directives:

Tapeworm Dewormer Cat and Dog

Version 1.0

Revision Date 08/11/2016

No labelling is required in accordance with the CLP-regulations

Other regulations: No statements available.

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

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.
30 - 60%	Starch	9005-25-8
30 - 60%	Cellulose	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 Non-Hazardous

16. OTHER INFORMATION

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.