



SAFETY DATA SHEET

Cydectin oral Drench

Version 1.0

Revision Date 01/19/2017

122000009505
Print Date 01/19/2017

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

Product information

Product Name: Cydectin oral Drench
Synonyms: Cydectin 0.1% Drench
SDS Number: 122000009505

Use : Parasiticide

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

Classification of the substance or mixture

Not a hazardous substance or mixture.

Label elements

Labelling according to national GHS implementation:

Not a hazardous substance or mixture.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture.

Hazardous components

Benzyl alcohol

Concentration [Weight percent] 1.33

CAS-No.: 100-51-6

CAS name: Benzenemethanol

GHS Classification:



Acute Tox. 4 H332
Acute Tox. 4 H302

contains



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Moxidectin

Concentration [Weight percent] 0.1

CAS-No.: 113507-06-5

GHS Classification:



Acute Tox. 3 H301

Acute Tox. 4 H332

Repr. 2 H361

Propane-1,2-diol

Concentration [Weight percent] 6.64

CAS-No.: 57-55-6

CAS name: 1,2-Propanediol (8CI, 9CI)

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

Description of 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.

Most important acute symptoms/effects

Indication of any immediate medical attention and special treatment needed

5. FIREFIGHTING MEASURES

Extinguishing media

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

Unsuitable extinguishing media: High volume water jet

Special hazards arising from the substance or mixture

Specific hazards during firefighting: Carbon oxides Nitrogen oxides (NO_x)

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

Advice for firefighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing



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apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Environmental precautions

Methods and materials for containment and cleaning up

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

Reference to other sections

Additional advice: No special precautions required.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling:

Industrial uses: Avoid formation of aerosol. Avoid contact with skin, eyes and clothing.

No special protective measures against fire required.

Conditions for safe storage, including any incompatibilities

Specific end use(s)

No statements available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Propane-1,2-diol	57-55-6	TWA	10 mg/m ³	US WEEL
Benzyl alcohol	100-51-6	TWA	10 ppm	US WEEL

Personal protective equipment

Respiratory protection : Recommended Filter type:
Organic vapor with prefilter

None required for consumer use of this product.

Hand protection

Material : Chemically resistant gloves.

Remarks : None required for consumer use of this product.



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Eye protection	:	Safety glasses None required for consumer use of this product.
Protective measures	:	Wear suitable protective equipment. Please consult label for end-user requirements.
Hygiene measures	:	Cleanliness Guidelines (GMP) for manufacturing of drugs must be observed!

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form:	liquid
Colour:	colourless to yellow
Odour:	Alcohol
Melting point/range:	-45 - -11 °C
Boiling point/boiling range:	104 - 106 °C at 1,013 hPa
Density:	1.05 g/cm ³
Bulk density:	Not applicable
Vapour pressure:	No statements available.
Viscosity, dynamic:	No statements available.
Viscosity, kinematic:	No statements available.
Flow time:	No statements available.
Surface tension:	No statements available.
Water solubility:	soluble
Solubility(ies):	in Methanol slight, soluble in Diethylether slight, soluble in n-octanol slight, soluble in Acetone slight, soluble
pH:	6 - 6.4
Corrosive to metal:	No statements available.
Partition coefficient (n-octanol/water):	Benzyl alcohol log Pow: 1.05
Flash point:	> 110 °C
Inflammability (solid, gaseous):	Not applicable
Explosion limits:	Benzyl alcohol upper: 13 %(V) lower: 1.3 %(V)

Other information



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Miscibility with water: No statements available.

10. STABILITY AND REACTIVITY

Reactivity

No statements available.

Reactions with water / air:

No statements available.

Ignition temperature:

No statements available.

Burning number:

No statements available.

Chemical stability

Stable

Thermal decomposition:

No data available

Dust explosion characteristic number:

Not applicable

Dust explosion class:

Not applicable

Impact sensitivity:

No data available

Hazardous reactions:

None known.

Explosive properties:

No statements available.

Possibility of hazardous reactions

deflagration ability:

No statements available.

Smoldering combustion:

No statements available.

Conditions to avoid

Do not allow product to come in contact with:
Heat

Minimum ignition energy:

No data available

Oxidizing properties:

No statements available.



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Incompatible materials

Materials to avoid:

Strong oxidizing agents

Hazardous decomposition products

Carbon oxides, Nitrogen oxides (NO_x)

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate (ATE): > 5,000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate (ATE): > 40 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate (ATE): > 5,000 mg/kg
Method: Calculation method

Components:

Benzyl alcohol:

Acute oral toxicity : LD50 (Rat): 1,230 mg/kg
Assessment: Harmful if swallowed.

Acute inhalation toxicity : Assessment: Harmful if inhaled.

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Assessment: May be harmful in contact with skin.

Skin corrosion/irritation

Components:

Benzyl alcohol:

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation

Serious eye damage/eye irritation

Components:

Benzyl alcohol:

Species: Rabbit
Result: No eye irritation
Method: OECD 405



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Respiratory or skin sensitisation

Components:

Benzyl alcohol:

Species: Guinea pig

Method: Magnusson and Kligmann maximization test

Result: Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Components:

Benzyl alcohol:

Genotoxicity in vitro : Test Type: Ames test
Result: negative

Genotoxicity in vivo : Result: No indication of mutagenic effects.

Carcinogenicity

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

STOT - single exposure

Components:

Benzyl alcohol:

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

STOT - repeated exposure

Components:

Benzyl alcohol:

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

Repeated dose toxicity

Components:

Benzyl alcohol:

Species: Rat



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NOAEL: 400 mg/kg
Exposure time: 90-day

Further information

Components:

Benzyl alcohol:

Remarks: Dermal absorption possible

Remarks: **If inhaled:**

irritations

Shortness of breath

Cough

Remarks: **If swallowed:**

Vomiting

Nausea

Irritation of mucous membranes in the mouth, throat, gullet and gastro-intestinal tract after swallowing.

Remarks: **Systemic toxicity**

headaches

Nausea

CNS disorders

Convulsions

Unconsciousness

cessation of breathing

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Benzyl alcohol:

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill)): 10 mg/l
Exposure time: 96 h
Test Type: Acute Fish toxicity

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 55 mg/l
Exposure time: 24 h

Toxicity to algae : IC50: > 100 mg/l
Exposure time: 72 h

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): 71.4 mg/l
Exposure time: 0.5 h



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Persistence and degradability

Components:

Benzyl alcohol:

Biodegradability : Result: rapidly biodegradable
Biodegradation: 92 - 96 %
Exposure time: 28 d
Method: OECD 301 C

Bioaccumulative potential

Components:

Benzyl alcohol:

Partition coefficient: n- : log Pow: 1.05
octanol/water

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological : **Do not allow to enter surface waters or groundwater.**
information **No data is available on the product itself.**

Components:

Benzyl alcohol:

Additional ecological : Do not allow to enter surface waters or groundwater.
information

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : 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)

14. TRANSPORT INFORMATION

US Land transport (CFR)
non-regulated



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Sea transport (IMDG)

UN Number 3082
Description of the goods ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MOXIDECTIN)
Class 9
Packaging group III
IMDG-Labels 9
EmS Number F-A
Marine pollutant yes

Air transport (IATA)

UN Number 3082
Description of the goods ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MOXIDECTIN)
Class 9
Packaging group III
Dangerous goods labels 9
Environmentally hazardous yes

15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium phosphate, dihydrate	10028-24-7	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

Benzyl alcohol 100-51-6 1 - 5 %

Pennsylvania Right To Know

Propane-1,2-diol 57-55-6 5 - 10 %
 Benzyl alcohol 100-51-6 1 - 5 %



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Sodium phosphate, dihydrate	10028-24-7	0.1 - 1 %
Orthophosphoric acid	7664-38-2	0 - 0.1 %
Sodium hydroxide	1310-73-2	0 - 0.1 %

New Jersey Right To Know

Propane-1,2-diol	57-55-6	5 - 10 %
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New York City Hazardous Substances

Sodium phosphate, dihydrate	10028-24-7	0.1 - 1 %
2,6-Di-tert-butyl-p-cresol	128-37-0	0 - 0.1 %
Orthophosphoric acid	7664-38-2	0 - 0.1 %
Sodium hydroxide	1310-73-2	0 - 0.1 %

California Prop. 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

16. OTHER INFORMATION

Full text of H-Statements mentioned in chapters 2 and 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.

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.