

## SAFETY DATA SHEETS

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

078490958

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078490966



# 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 (NOx)

**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 <sup>3</sup>	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 <sup>3</sup>
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<sub>x</sub>)

## 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**

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## 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-octanol/water : log Pow: 1.05

### Mobility in soil

No data available

### Other adverse effects

#### Product:

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

#### Components:

##### **Benzyl alcohol:**

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

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## 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)

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## 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 %
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#### 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.

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## 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.