

## SAFETY DATA SHEETS

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

078948806

N/A

# SAFETY DATA SHEET



## Cydectin Pour-on

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	06/23/2020	122000009487	Date of first issue: 23.06.2020

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### SECTION 1. IDENTIFICATION

#### Product information

Product Name : Cydectin Pour-on  
Synonyms : Cydectin Pour-on 0.5 %  
SDS Number : 122000009487

Use : Parasiticide

#### Company

Elanco US Inc.  
2500 Innovation Way  
Greenfield, IN 46140  
USA  
+1-877-Elanco1(+1-877-3526261)  
elanco\_sds@elanco.com

In case of emergency: CHEMTREC International: +1 703-527-3887 (24 hours)

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with 29 CFR 1910.1200

Flammable liquids : Category 4  
Skin irritation : Category 2  
Aspiration hazard : Category 1

#### GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H227 Combustible liquid.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.

Precautionary statements : **Prevention:**  
P210 Keep away from heat/sparks/open flames/hot surfaces.  
No smoking.  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/ eye protection/ face protection.  
**Response:**  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

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P331 Do NOT induce vomiting.

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C	64742-49-0	12,9
Moxidectin	113507-06-5	0,5
Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C	64742-49-0	12,9
Moxidectin	113507-06-5	0,5

## SECTION 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.

Most important symptoms and effects, both acute and delayed : None known.

## SECTION 5. FIREFIGHTING 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 (CO)  
Carbon dioxide (CO<sub>2</sub>)

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

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

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Keep away from heat and sources of ignition.

Methods and materials for containment and 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.

## SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Keep away from open flames, hot surfaces and sources of ignition.  
Take measures to prevent the build up of electrostatic charge.

Advice on safe handling : Avoid formation of aerosol.  
Use with local exhaust ventilation.  
Avoid contact with skin, eyes and clothing.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C	64742-49-0	TWA	500 ppm 2.000 mg/m <sup>3</sup>	OSHA Z-1
		TWA	500 ppm 2.000 mg/m <sup>3</sup>	OSHA Z-1
		TWA	400 ppm 1.600 mg/m <sup>3</sup>	OSHA P0
		TWA	400 ppm 1.600 mg/m <sup>3</sup>	OSHA P0

## 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.

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Remarks	: None required for consumer use of this product.
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.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: oily
Colour	: dark violet
Odour	: characteristic, aromatic
Melting point / range	: -0,2 - 13,3 °F / -17,9 - -10,4 °C
Flash point	: 149,9 °F / 65,5 °C
Density	: 0,918 g/cm <sup>3</sup> (68 °F / 20 °C, 1.013 hPa)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: 26 cps (68 °F / 20 °C)
Explosive properties	: No statements available.
Oxidizing properties	: No data available
Impact sensitivity	: No data available
Minimum ignition energy	: No data available

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No data available
Chemical stability	: No data available
Possibility of hazardous reactions	: No data available
Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: Oxidizing agents
Hazardous decomposition products	: Carbon monoxide (CO) Carbon dioxide (CO <sub>2</sub> )

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity****Product:**

- |                           |   |  |
|---------------------------|---|--|
| Acute oral toxicity       | : | Acute toxicity estimate (ATE): > 5.000 mg/kg<br>Method: Calculation method   |
| Acute inhalation toxicity | : | Acute toxicity estimate (ATE): 156,72 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist/aerosol<br>Method: Calculation method |
| Acute dermal toxicity     | : | Acute toxicity estimate (ATE): > 5.000 mg/kg<br>Method: Calculation method   |

**Components:****Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

- |                           |   |   |
|---------------------------|---|---|
| Acute oral toxicity       | : | LD50 (Rat): > 5.840 mg/kg   |
| Acute inhalation toxicity | : | LC50 (Rat): > 23,3 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist/aerosol |
| Acute dermal toxicity     | : | LD50 (Rabbit): > 2.800 mg/kg  |

**Moxidectin:**

- |   |   |  |
|---|---|--|
| Acute oral toxicity                             | : | LD50 (Rat): 106 mg/kg<br>Assessment: The component/mixture is toxic after single ingestion.  |
| Acute inhalation toxicity                       | : | LC50 (Rat): 4,1 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist/aerosol<br>Method: Calculation method<br>Assessment: The component/mixture is moderately toxic after short term inhalation. |
| Acute dermal toxicity                           | : | LD50 (Rabbit): > 2.000 mg/kg<br>Assessment: The component/mixture is minimally toxic after single contact with skin.   |
| Acute toxicity (other routes of administration) | : | LD50 (Rat): 394 mg/kg<br>Application Route: Intraperitoneal<br><br>LD50 (Rat): > 640 mg/kg<br>Application Route: Subcutaneous  |

**Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

- |                     |   |                           |
|---------------------|---|---------------------------|
| Acute oral toxicity | : | LD50 (Rat): > 5.840 mg/kg |
|---------------------|---|---------------------------|

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Acute inhalation toxicity : LC50 (Rat): > 23,3 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist/aerosol

Acute dermal toxicity : LD50 (Rabbit): > 2.800 mg/kg

**Moxidectin:**

Acute oral toxicity : LD50 (Rat): 106 mg/kg  
Assessment: The component/mixture is toxic after single ingestion.

Acute inhalation toxicity : LC50 (Rat): 4,1 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist/aerosol  
Method: Calculation method  
Assessment: The component/mixture is moderately toxic after short term inhalation.

Acute dermal toxicity : LD50 (Rabbit): > 2.000 mg/kg  
Assessment: The component/mixture is minimally toxic after single contact with skin.

Acute toxicity (other routes of administration) : LD50 (Rat): 394 mg/kg  
Application Route: Intraperitoneal  
  
LD50 (Rat): > 640 mg/kg  
Application Route: Subcutaneous

**Skin corrosion/irritation****Components:****Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Species : Rabbit  
Result : Irritating to skin.  
Remarks : Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

**Moxidectin:**

Result : Moderate skin irritation

**Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Species : Rabbit  
Result : Irritating to skin.  
Remarks : Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

**Moxidectin:**

Result : Moderate skin irritation

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**Serious eye damage/eye irritation****Components:****Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Species	:	Rabbit
Result	:	No eye irritation
Method	:	Draize Test

**Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Species	:	Rabbit
Result	:	No eye irritation
Method	:	Draize Test

**Respiratory or skin sensitisation****Components:****Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Test Type	:	Skin sensitisation
Species	:	Guinea pig
Result	:	Did not cause sensitisation on laboratory animals.

**Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Test Type	:	Skin sensitisation
Species	:	Guinea pig
Result	:	Did not cause sensitisation on laboratory animals.

**Germ cell mutagenicity****Components:****Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Genotoxicity in vitro	:	Test Type: Ames test Result: negative
		Test Type: Chromosome aberration test in vitro Test system: Hamster ovary-cells Result: negative
Genotoxicity in vivo	:	Test Type: In vivo Cytogenetic Test Species: Rat Result: Evidence of a genotoxic effect.
		Test Type: Micronucleus test Species: Mouse Result: negative

**Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Genotoxicity in vitro	:	Test Type: Ames test Result: negative
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Test Type: Chromosome aberration test in vitro  
Test system: Hamster ovary-cells  
Result: negative

Genotoxicity in vivo : Test Type: In vivo Cytogenetic Test  
Species: Rat  
Result: Evidence of a genotoxic effect.

Test Type: Micronucleus test  
Species: Mouse  
Result: negative

**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 on OSHA's list of regulated carcinogens.

**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.

**Reproductive toxicity****Components:****Moxidectin:**

Reproductive toxicity - Assessment : No toxicity to reproduction

**Moxidectin:**

Reproductive toxicity - Assessment : No toxicity to reproduction

**STOT - single exposure****Components:****Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Exposure routes : Inhalation  
Assessment : May cause drowsiness or dizziness.

**Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Exposure routes : Inhalation  
Assessment : May cause drowsiness or dizziness.

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**Aspiration toxicity****Components:****Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

May be fatal if swallowed and enters airways.

**Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

May be fatal if swallowed and enters airways.

**Further information****Components:****Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Remarks : Risk of serious damage to the lungs (by aspiration).  
May cause lung damage if swallowed.

Remarks : Risk of cutaneous absorption.

**Moxidectin:**

Pharmaceutic effects

Remarks : Anthelmintics  
Antiparasitic agent

**Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Remarks : Risk of serious damage to the lungs (by aspiration).  
May cause lung damage if swallowed.

Remarks : Risk of cutaneous absorption.

**Moxidectin:**

Pharmaceutic effects

Remarks : Anthelmintics  
Antiparasitic agent

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Components:****Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Toxicity to daphnia and other : LC50 (Crangon crangon (shrimp)): 4,3 mg/l  
aquatic invertebrates Exposure time: 96 h

**Moxidectin:****Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.

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Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

**Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Toxicity to daphnia and other aquatic invertebrates : LC50 (Crangon crangon (shrimp)): 4,3 mg/l  
Exposure time: 96 h

**Moxidectin:****Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

**Persistence and degradability****Components:****Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Biochemical Oxygen Demand (BOD) : 70 mg/l  
Incubation time: 5 d

Chemical Oxygen Demand (COD) : 130 mg/g

**Moxidectin:**

Stability in water : Degradation half life: 180 d

**Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C:**

Biochemical Oxygen Demand (BOD) : 70 mg/l  
Incubation time: 5 d

Chemical Oxygen Demand (COD) : 130 mg/g

**Moxidectin:**

Stability in water : Degradation half life: 180 d

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects****Product:**

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

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**SECTION 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)

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

**SECTION 14. TRANSPORT INFORMATION****International Regulations****IATA-DGR**

UN/ID No.	: UN 3082
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MOXIDECTIN)
Class	: 9
Packing group	: III
Labels	: 9
Environmentally hazardous	: yes

**IMDG-Code**

UN number	: UN 3082
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MOXIDECTIN)
Class	: 9
Packing group	: III
Labels	: 9
EmS Code	: F-A, S-F
Marine pollutant	: yes

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations****49 CFR**

UN/ID/NA number	: NA 1993
Proper shipping name	: COMBUSTIBLE LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC)
Class	: CBL
Packing group	: III
Labels	: None
Marine pollutant	: no

**Special precautions for user**

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The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### SECTION 15. REGULATORY INFORMATION

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

##### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

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

##### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Flammable (gases, aerosols, liquids, or solids)  
Skin corrosion or irritation  
Aspiration hazard

**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

tert-butyl-4-methoxyphenol 25013-16-5

##### Pennsylvania Right To Know

Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C 64742-49-0

##### New York City Hazardous Substances

Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C 64742-49-0

##### California List of Hazardous Substances

Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C 64742-49-0

##### California Permissible Exposure Limits for Chemical Contaminants

Naphtha (petroleum), hydrotreated light, Boilingpoint > 65°C 64742-49-0

#### International Regulations

Montreal Protocol (Ozone Depleting Substances) : Not applicable

Rotterdam Convention (Prior Informed Consent) : Not applicable

Stockholm Convention (Persistent Organic Pollutants) : Not applicable

#### The components of this product are reported in the following inventories:

TSCA : Not On TSCA Inventory

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### 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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## SECTION 16. OTHER INFORMATION

### Further information

#### Full text of other abbreviations

OSHA P0	:	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
OSHA P0 / TWA	:	8-hour time weighted average
OSHA Z-1 / TWA	:	8-hour time weighted average

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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.

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