

SAFETY DATA SHEET



Cydectin Pour-on

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

SECTION 1. IDENTIFICATION

Product information

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

Use : Parasiticide

Company

Elanco Animal Health
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)

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.

SAFETY DATA SHEET



Cydectin Pour-on

Version 1.0 Revision Date: 06/23/2020 SDS Number: 122000009487 Date of last issue: -
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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 (CO₂)

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 measures : Use personal protective equipment.
Keep away from heat and sources of ignition.

SAFETY DATA SHEET



Cydectin Pour-on

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

gency procedures

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 ³	OSHA Z-1
		TWA	500 ppm 2.000 mg/m ³	OSHA Z-1
		TWA	400 ppm 1.600 mg/m ³	OSHA P0
		TWA	400 ppm 1.600 mg/m ³	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.

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

SAFETY DATA SHEET



Cydectin Pour-on

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

Density : 0,918 g/cm³ (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 (CO₂)

SECTION 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): 156,72 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist/aerosol
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate (ATE): > 5.000 mg/kg
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
Exposure time: 4 h
Test atmosphere: dust/mist/aerosol

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

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

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
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

Cydectin Pour-on

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

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.

Cydectin Pour-on

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

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

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.

Cydectin Pour-on

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

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.

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.

SAFETY DATA SHEET



Cydectin Pour-on

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

Remarks : Risk of cutaneous absorption.

Moxidectin:

Pharmaceutic effects
Remarks : Anthelmintics
Antiparasitic agent

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

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.

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:

SAFETY DATA SHEET



Cydectin Pour-on

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

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.

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

SAFETY DATA SHEET



Cydectin Pour-on

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

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

SAFETY DATA SHEET



Cydectin Pour-on

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

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

TSCA list

No substances are subject to a Significant New Use Rule.

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

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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