



Material Safety Data Sheet

Cydectin Pour-On

WW MSDS No. 30-2684

Section 1. Product and Company Identification

Manufactured/ Supplied by	Fort Dodge Animal Health 800 5th Street NW P.O. Box 518 Fort Dodge, IA 50501 Phone: 515-955-4600 Fax: 515-955-9149	Date of Preparation	4 April 2002
		Product No.	30-2684
Product Trade Name	Cydectin Pour-On	Formula No.	Not available.
Common Name	Not applicable.	CAS No.	Mixture.
Synonyms	Moxidectin Pour-On	U.N. No.	UN1993
Chemical Formula	Mixture.	EINECS No.	Not applicable.
Chemical Family	Not available.	In Case of Emergency 515-955-6033	
Material Uses	Anthelmintic		
Packaging	Plastic bottles.		
Formula Type	Topical Solution		

Section 2. Composition - Information on Ingredients

Name of Ingredients	CAS No.	Conc.	EU Symbol	R Phrase
1) Aromatic 100 Solvent	113507-06-5	15	T Not controlled.	R10
2) Moxidectin		0.5		R25
3) Inert Ingredients		84.5		Not controlled.

Section 3. Hazards Identification - Summary of Primary Effects and Critical Hazards

Acute Health Effects	Significant adverse health effects are associated with chronic high level exposures.
Chronic Health Effects	Potential organ systems effected are: Eyes, Gastrointestinal Tract. Adverse effects could include: central nervous system depression dizziness/vertigo nausea/vomiting
Environmental Hazards	Highly toxic for: Fish Aquatic Animals

Section 4. First Aid Measures - (by medical responders using "Universal Precautions")

Eye Contact	Flush eyes with plenty of water for 15 minutes, occasionally lifting upper and lower eyelids. (Check person for contact lenses and remove if present.) If redness or irritation persists have eyes examined by doctor immediately.
Skin Contact	Flush skin with plenty of soap and water for at least 15 minutes (remove all contaminated clothing and shoes). Get medical attention if symptoms persist.
Inhalation	No specific treatment, treat symptomatically. If breathing is difficult give oxygen, if respiratory arrest occurs provide artificial respiration and seek immediate medical assistance.
Ingestion	No specific treatment, treat symptomatically. Call medical doctor or poison control center immediately if large quantities are ingested.
Notes to Medical Doctor	Direct treatment at control of symptoms.

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Section 5. Fire-Fighting Measures

Extinguishing Media and Instructions	Follow your company's procedures. Use an extinguishing agent suitable for the surrounding class of fire.
Special Exposure Hazards	None. Dispose of the fire debris and contaminated fire fighting water in accordance with regulations. In certain Fire conditions, traces of other toxic gases may be emitted.
Special Fire Fighting Protective Equipment	No special precautions or equipment.

Section 6. Accidental Release Measures

Small Spill Guidelines	Follow your company's spill procedures. Keep people away from spill. Put on appropriate personal protective equipment (see Section 8). Use a tool to scoop up solid or absorbed material and put into appropriate labeled waste container.
Large Spill Guidelines	Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions	No special measures are typically indicated.

Section 7. Handling and Storage

Handling (ventilation and fire prevention)	Avoid contact with eyes, skin, and clothing. Avoid generating or breathing product aerosol. Wash after handling.
Storage (conditions and limitations)	Store tightly closed in original container. Keep containers in a well ventilated, secure location.

Section 8. Exposure Controls and Personal Protection - (normal and intended use)

Exposure Guidelines				
Component	REG. Limit	OSHA (PEL)	ACGIH (TLV®)	Company Guideline
1) Aromatic 100 Solvent 2) Moxidectin	TWA: TWA:	100 ppm	100 ppm	0.05 mg/m³
Engineering Design and Control Measures	General ventilation is typically sufficient to keep airborne levels below established values. Provide eye wash and quick drench shower close to work station. Clean, appropriately launder, or dispose of all potentially contaminated work clothing, foot wear, and protective equipment after use.			
Protective Clothing				
Eyes	Safety glasses, goggles or face shield where product aerosol or splash potential exists.			
Skin	Lab coat.			
Hands	Use chemical resistant, impervious gloves. Appropriate techniques should be used to remove potentially contaminated clothing.			
Respiratory	Respirator selection must be based on anticipated exposure levels, product hazards, and the safe working limits of the selected respirator. A respirator is not needed under normal and intended conditions of product use.			

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid. (Oily liquid.)	Odor	Characteristic. Aromatic.
Molecular Weight	Mixture.	Color	Violet. (Dark.)
Boiling Point	Not available.	pH	Not applicable.
Melting/Freezing Point	-10.4 to -17.9°C (13.3 to -0.2°F)		
Density/Bulk Density	0.918 (Water = 1)		

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Vapor Pressure	4 mm of Hg (@ 20°C) (Aromatic 100 Solvent).
Vapor Density	Not available.
Viscosity	Not available.
Partition Coefficient	Not available.
Solubility	Moxidectin Pour-On (Violet): Insoluble in cold water.
Flash Point	CLOSED CUP: 67.778°C (154°F).
Autoignition Point	471.11°C (880°F) (Aromatic 100 Solvent).
Explosion Limits	LOWER: 1.8% UPPER: 12.6% (Aromatic 100 Solvent)
Dust Explosivity	Not applicable.

Section 10. Stability and Reactivity

Conditions to Avoid and Incompatibility	Slightly reactive to reactive with acids, alkalis.
Decomposition Products	These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2...).

Section 11. Toxicological Information**Acute Effects**

Component	Test	Result	Route	Species
1) Moxidectin Pour-On (Violet)	LD50 LD50	>5000 mg/kg >2000 mg/kg	oral dermal	Rat Rabbit
Eye Contact	Severely irritating (USA). Irritating (EU).			
Skin Contact	Slightly irritating (USA). Irritating (EU).			
Inhalation	Slightly irritating to the respiratory system.			
Ingestion	Practically non-toxic if swallowed.			

Chronic Effects

Target Organs	Potential organ systems effected are: Eyes, Gastrointestinal Tract.
Adverse Effects Statements	Adverse effects could include: central nervous system depression dizziness/vertigo nausea/vomiting
Sensitization	Not available.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Mutagenic Effects	Not mutagenic in a standard battery of genetic toxicological tests.
Teratogenic Effects	No known human teratogenic effect
Reproductive Effects	No evidence of human reproductive effects.
Other Effects	Not available.

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Section 12. Ecological Information**Environmental Fate** Not available.**Environmental Hazards** Highly toxic for: Fish Aquatic Animals**Ecotoxicity**

Component	Species	Period	Result
No hazardous ingredients			

Other Not available.**Section 13. Disposal Considerations****Waste Handling and Disposal** Avoid disposal, make attempts to use product completely in accordance with intended use. Incinerate unwanted products and waste materials.*Note: The waste generator must be informed of and follow all applicable rules and regulations for the handling and disposal of waste.***Section 14. Transport Information****Proper Shipping Name, Primary Class, UNNA Number, Packaging Group** Not available.**ADR/RID Classification (Road and Rail Transport)** Class 3: Flammable liquid A.**ADNR Classification (Inland Waterways)** Class 3: Flammable liquid A.**IMO/IMDG Class (Maritime Transport)** Class 3.3: Flammable liquid (High flashpoint group of liquids having a flashpoint of 23°C (73°F) up to, and including, 61°C (141°F) c.c.).
Class 3.1: Flammable liquid (Low flashpoint group of liquids having a flashpoint below -18°C (0°F) c.c.).**ICAO/IATA (Air Transport)** Class 3: Flammable liquid.**CEFIC Tremcard** Not available.**HI Kemler** Not available.**U.S.A. DOT Class** Class 3: Combustible liquid with a flash point greater than 37.8C (100F).**RQ** Not applicable.**Packaging Instructions** Not available.**NFPA**

Health



Flammability

Reactivity

Specific hazard

Section 15. Regulatory Information and Warning Labels

(R) Risk Phrases R10- Flammable.

(S) Safety Phrases S2- Keep out of reach of children.
S40- To clean the floor and all objects contaminated by this material, use water.

NOTE: This product has been classified in accordance with applicable country-specific regulations.

Section 16. Other Key Information

Other Considerations See product label and package insert for additional information.

4 April 2002 **Responsible for MSDS:** Global Engineering, Environmental and Safety

Fort Dodge Animal Health -- within American Home Products Corporation

Notice to Reader

** This symbol indicates information which has changed from the previous MSDS.*

The information provided in this MSDS is based on current knowledge, however, this does not constitute a warranty by the Company for that information. The product user is responsible for the appropriate and intended handling, use, and disposal of this product in accordance with label or package precautions and this information. All materials may present unknown hazards and should be used with caution.

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