

Clinacox® 0.2%

SAFETY DATA SHEET

Revised: May 2015

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SECTION 1: IDENTIFICATION

1.1. Product Identifier:

Material name: Diclazuril
Trade name: Clinacox 0.2%
Product number: 2100

1.2. Manufacturer/Supplier:

Huvepharma Inc. 3360 Maury Avenue St. Louis, MO 63116	Huvepharma, Inc. 525 Westpark Drive, Suite 230 Peachtree City, GA 30269 Telephone: 1-770-486-7212 Emergency telephone: 1-877-994-4883 Contact e-mail: customerservice@huvepharma.us
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1.3. Relevant identified uses and any restrictions:

Intended use: For use as an aid in the prevention of coccidiosis in broiler chickens and growing turkeys.

Restrictions on use: Not for human use. Not for use in hens producing eggs for human food. Do not feed to breeding turkeys.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the chemical:

The classification was made according to the latest editions of international substances lists, and from company and regulatory data.

Hazard ratings:

- Health = slight
- Fire = slight
- Reactivity = slight

2.2. Signal word: Warning

2.3. Statement of hazard: Not applicable.

2.5. Precautionary statement(s): See First Aid Measures Section.

2.6. Description of any hazards not otherwise classified: Not applicable.

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous

Ingredient	CAS Number	%
Diclazuril	10183-37-2	0.2%
Precipitated Calcium Carbonate	1317-65-3	4.6%
Wheat Middlings		90 – 95%
Soybean Oil / TBHQ		1 – 5%
Silicon Dioxide		0.1 – 0.4%

Additional information: Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety. In accordance with 29 CFR 1910.1200, the exact percentage composition of this mixture has been withheld as a trade secret.

SECTION 4: FIRST-AID MEASURES

4.1. First aid measures:

- **Eye contact:** This product contains materials which undiluted may have the following effects – Irritation – Flush with water for at least 15 minutes. Obtain medical attention.
- **Skin contact:** This product contains materials which undiluted may have the following effects – Sensitization – Remove contaminated clothing. Thoroughly wash exposed area with soap and water. Obtain medical attention.
- **Ingestion:** This product contains materials which undiluted may have the following effects – Nausea, Vomiting, Diarrhea – Give copious amounts of water and induce vomiting, if conscious. Obtain medical attention.
- **Inhalation:** This product contains materials greater than 1% which if undiluted, have the following health effects upon inhalation – May cause slight irritation to the mucous membranes. Remove from exposure. If not breathing, give artificial respiration. Obtain medical attention.

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4.2. Most important symptoms and effects, both acute and delayed:

Symptoms and effects of exposure: Mutagenicity (genetic effects): Mutagenicity studies were negative for the diclazuril component.

Medical conditions aggravated by exposure: None known.

4.3. Recommended immediate medical attention and special treatment needed:

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media:

Water, water spray, carbon dioxide, dry chemical.

5.2. Specific hazards arriving from the substance or mixture:

Under normal conditions of use, this material does not present a significant fire or explosion hazard.

Flammable properties:

- Flash point: N/A
- Auto ignition: N/A
- Lower Explosive Limit: N/A
- Upper Explosive Limit: N/A

5.3. Advice for firefighters:

Firefighters should wear self-contained breathing apparatus and full protective equipment.

Fight fire from safe distance or protected location. Use water spray to keep exposed containers and equipment cool.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions and protective equipment:

Minimize contact with spilled materials.

Wear appropriate respiratory protection and protective clothing in the spill area as specified in previous section.

6.2. Emergency procedures:

Notify your supervisor immediately.

Keep other personnel away from the clean-up area.

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6.3. Methods and materials for containment:

Sweep, scoop, or use a vacuum to clean up spill. Clean area with an alkaline cleaner/detergent.

6.4. Cleanup procedures:

Dispose of spilled material and clean up materials as noted in Waste Disposal Methods below.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

- Train employees concerning hazards and precautions.
- Provide adequate local exhaust ventilations.
- Wash hands and forearms after each use.
- Use indicated protective equipment while handling.
- Change respirator cartridge after four hours of continuous use or upon detection of odor, an increase in breathing resistance, or eye or nasal irritation.

7.2. Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated place.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

8.1. Exposure controls: Provide adequate ventilation.

8.2. Engineering controls:

None for consumer package; provide adequate local exhaust ventilation for use of the material in bulk.

8.3. Personal protective measures:

- Hands: Wash hands before breaks and at the end of work.
- Eyes: Avoid contact.
- Skin: Avoid contact.
- General: Do not eat, drink, smoke or inhale. Do not store food in the working area.

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8.4. Special requirements for PPE, protective clothing or respirators:

- Eyes: None for the consumer package; safety glasses with side shields for use of the material in bulk or during administration.
- Skin: None for the consumer package; a lab coat or uniform and latex gloves should be used to handle the material in bulk.
- Breathing equipment: None for the consumer package; a NIOSH approved respirator with high efficiency cartridges may be used for handling the material in bulk.
- Body protection: Protective coveralls, long sleeves if allergic tendencies are known.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Physical and chemical properties:

- | | |
|---|--------------------|
| • Appearance: | Beige to tan, meal |
| • Upper/lower flammability or explosive limits: | No data available |
| • Odor: | N/A |
| • Vapor pressure: | No data available |
| • Odor threshold: | No data available |
| • Vapor density: | No data available |
| • pH: | No data available |
| • Relative density: | No data available |
| • Melting point/freezing point: | N/A |
| • Solubility(ies): | N/A |
| • Initial boiling point and boiling range: | N/A |
| • Flash point: | No data available |
| • Evaporation rate: | N/A |
| • Flammability (solid, gas): | No data available |
| • Solvent content: | No data available |
| • Partition coefficient: n-octanol/water: | No data available |
| • Auto-ignition temperature: | No data available |
| • Decomposition temperature: | No data available |
| • Viscosity: | No data available |
| • Specific gravity: | N/A |

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity:**

None known.

10.2. Chemical stability:

Stable

10.3. Other:

- **Possibility of hazardous reactions:**
None known.
- **Conditions to avoid:**
Avoid open flame and high temperatures.
- **Incompatible material:**
Oxidizers.
- **Hazardous decomposition products:**
Carbon monoxide, carbon dioxide, and hydrogen chloride.

SECTION 11: TOXICOLOGICAL INFORMATION**Information on Toxicological Effects General Information:**

The information included in this section describes the potential hazards of the active ingredient(s).

Routes of exposure:

Inhalation: Specific test data for the mixture is not available.

Ingestion: Specific test data for the mixture is not available.

Skin: Specific test data for the mixture is not available.

Eye: Specific test data for the mixture is not available.

Delayed, immediate, or chronic effects from short- and long-term exposure:

Inhalation: No information available.

Ingestion: No information available.

Skin: No information available.

Eye: No information available.

Sensitization: No information available.

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Numerical measures of toxicity:

LD/LC50 values that are relevant for classification:

10183-37-2 Diclazuril

Oral, rat LD50 > 5,000 mg/kg

Inhalation, rat LC50 > 2,240 mg/m³

Symptoms related to the physical, chemical and toxicological characteristics:

None known.

Carcinogen Status: None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Environmental overview:

Environmental properties have not been thoroughly investigated. Releases to the environment should be avoided.

12.1. Aquatic toxicity: No data given.

12.2. Persistence and degradability: No data available.

12.3. Bioaccumulation potential: No data available.

12.4. Mobility in soil: No data available.

12.5. Other adverse effects: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Dispose of waste in accordance with all applicable laws and regulations. Member State specific and Community specific provisions must be considered. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater.

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Product:

Recommendation: EPA approved incinerator facility or EPA approved landfill.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION

The following refers to all modes of transportation unless specified below.

DOT regulations: Not Regulated

Hazard class: N/A

Land transport ADR/RID (cross-border): Not Regulated

ADR/RID class: N/A

Maritime transport IMDG: Not Regulated

IMDG Class: N/A

Marine pollutant: No

Air transport ICAO-TI and IATA-DGR: Not Regulated

ICAO-IATA Class: N/A

SECTION 15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Sara

Section 355 (extremely hazardous substances): N/A

Section 313 (Specific toxic chemical listings): N/A

TSCA (Toxic Substances Control Act): N/A

CA Proposition 65

Chemicals known to cause cancer: N/A

Chemicals known to cause reproductive toxicity: N/A

Product related hazard information:

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations according to directives on hazardous materials.



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Safety phrases:

29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

Water hazard:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

SECTION 16: OTHER INFORMATION

Prepared by: VJ

Issuing date: 5/30/2015

Revision: 1

Huvepharma, Inc. believes that the information contained in this Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.

End of Safety Data Sheet