

Corid[®] 9.6% Oral Solution

SAFETY DATA SHEET

Revised: June 2015

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SECTION 1: IDENTIFICATION

1.1. Product Identifier:

Material name: Amprolium
Trade name: Corid 9.6% Oral Solution
Product number: 023101A

1.2. Manufacturer/Supplier:

Huvepharma Inc.
3360 Maury Avenue
St. Louis, MO 63116

Merial Limited
3239 Satellite Blvd.
Duluth, GA 30096-4640
Telephone: 1-888-637-4251
Emergency telephone: 1-888-637-4251

1.3. Relevant identified uses and any restrictions:

Intended use: For treatment and prevention of coccidiosis in calves.
Restrictions on use: For animal use only. Not for human use.

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.

- NFPA ratings (scale 0 - 4)



Health = 0
Fire = 0
Reactivity = 0

- HMIS ratings (scale 0 - 4)



Health = 0
Fire = 0
Reactivity = 0



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2.2. Signal word: Warning

2.3. Statement of hazard: Not applicable.

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

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous

Ingredient	CAS Number	%
Amprolium hydrochloride	121-25-5	9.6%
Non- hazardous substance(s)		90.4%

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:** Rinse opened eye for a minimum of 15 minutes under running water. Get medical attention immediately.
- **Skin contact:** Immediately wash with water and soap and rinse thoroughly. If skin irritation occurs, consult a doctor.
- **Ingestion:** Rinse out mouth and then drink plenty of water.
- **Inhalation:** Supply fresh air; consult doctor in case of complaints.

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

Symptoms and effects of exposure: Eye irritation, skin irritation, potential allergic reaction, irritation of respiratory tract and asthma-like allergic reaction.



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Medical conditions aggravated by exposure: Asthma-like conditions may be aggravated.

- 4.3. Recommended immediate medical attention and special treatment needed:**
Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

- 5.1. Extinguishing media:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray.
- 5.2. Specific hazards arriving from the substance or mixture:**
Hazardous combustion products: Toxic gases (organic chlorides, HCl, oxides of nitrogen, CO, CO₂) may result from exposure to fire.
- 5.3. Advice for firefighters:**
Firefighters should wear self-contained breathing apparatus and full protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions and protective equipment:**
Keep people at a distance and stay upwind.
- 6.2. Emergency procedures:** Not applicable.
- 6.3. Methods and materials for containment:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage of large quantities into water source or sewage system.
Dike large spills and transfer to appropriate sealed container for disposal IAW Section XIII.
- 6.4. Cleanup procedures:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).



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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

Store in cool, dry place in tightly closed containers.
Handle with care. Avoid jolting and impact.
Information about protection against explosions and fires: No special measures required.

7.2. Conditions for safe storage, including any incompatibilities:

Storage conditions: Store only in the original container.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: Store in a cool, dry, well ventilated place.
Recommended storage temperature: < 30°C (86°F)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

8.1. Exposure controls:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2. Engineering controls:

Local exhaust recommended.

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.

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

- Hands: Wear impervious gloves to minimize skin contact.
- Eyes: Wear safety goggles.
- Skin: Avoid contact.
- Breathing equipment: If in particulate form, MSHA-NIOSH approved respirator for dust.
- Body protection: Protective coveralls, long sleeves if allergic tendencies are known.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Physical and chemical properties:

- Appearance: Liquid, light amber color
- Upper/lower flammability or explosive limits: Product does not present an explosion hazard
- Odor: No odor
- Vapor pressure: No data available
- Odor threshold: No data available
- Vapor density: No data available
- pH: 2.5-3.0
- Relative density: No data available
- Melting point/freezing point: Undetermined
- Solubility(ies): Fully miscible
- Initial boiling point and boiling range: Undetermined
- Flash point: Not applicable
- Evaporation rate: No data available
- Flammability (solid, gas): No data available
- Solvent content: 0%
- Partition coefficient: n-octanol/water: No data available
- Auto-ignition temperature: Product is not self-igniting
- Decomposition temperature: No data available
- Viscosity: No data available
- Specific gravity: 1.024 g/cm³

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

No dangerous reactions known.

10.2. Chemical stability:

Stable under recommended storage conditions.



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10.3. Other:

- **Possibility of hazardous reactions:**
No dangerous reactions known.
- **Conditions to avoid:**
No decompositions if used according to specifications.
- **Incompatible material:**
None known.
- **Hazardous decomposition products:**
No decomposition if used according to specifications.

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 known effects.

Eye: No known effects.

Sensitization: No sensitizing effects known.

Numerical measures of toxicity:

LD/LC50 values that are relevant for classification:

121-25-5 Amprolium Hydrochloride

Oral LD50 6.170 mg/kg (mouse)



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Symptoms related to the physical, chemical and toxicological characteristics:

The product is not subject to classification according to internally approved calculation methods for preparations. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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:

121-25-5 Amprolium Hydrochloride
LC50/96 hours 110.8 ug/l (daphnia magna)

12.2. Persistence and degradability:

Water hazard class 1 (self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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: Dispose of in EPA approved chemical 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: Not Regulated

Marine pollutant: No

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

ICAO-IATA Class: Not Regulated

SECTION 15: REGULATORY INFORMATION

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

Sara

Section 355 (extremely hazardous substances): None of the ingredients are listed.

Section 313 (Specific toxic chemical listings): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): None of the ingredients are listed.

CA Proposition 65

Chemicals known to cause cancer: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity: None of the ingredients are listed.



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Carcinogenesis potential categories

EPA (Environmental Protection Agency): None of the ingredients is listed.

IARC (International Agency for Research on Cancer): None of the ingredients is listed.

NTP (National Toxicology Program): None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH): None of the ingredients is listed.

MAK (German Maximum Workplace Concentration): None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.

SECTION 16: OTHER INFORMATION

Prepared by: DT

Issuing date: 6/30/2015

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

