

Amprol® 25%

SAFETY DATA SHEET

Revised: May 2015

Page 1 of 9

SECTION 1: IDENTIFICATION

1.1. Product Identifier:

Material name: **Amprolium**
Trade name: Amprol 25%
Product number: 956150

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

1.3. Relevant identified uses and any restrictions:

Intended use: For use as an aid in the prevention and treatment of coccidiosis in chickens and turkeys.
Restrictions on use: 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

Amprol® 25%

SAFETY DATA SHEET

Revised: May 2015

Page 2 of 9

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	25.0%
Non-hazardous substances		75.5%

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:** Remove contaminated clothing and shoes. 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. Immediately call a doctor.
- **Inhalation:** Remove to fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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.

Amprol® 25%

SAFETY DATA SHEET

Revised: May 2015

Page 3 of 9

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:**
CO, extinguishing powder or water spray. Fight larger fires with water spray.
- 5.2. Specific hazards arriving from the substance or mixture:**
Hazardous combustion products: Fine dust particles in air may concentrate in explosive mixture. 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:**
Inform respective authorities in case of seepage of large quantities into water source or sewage system.
- 6.4. Cleanup procedures:**
Dispose of the collected material according to regulations. No dangerous substances are released.

Amprol® 25%

SAFETY DATA SHEET

Revised: May 2015

Page 4 of 9

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.

Protection against explosions and fires: No special measures required.

7.2. Conditions for safe storage, including any incompatibilities:

Store only in the original container.

Protect from light.

Information about storage in one common storage facility: Not required.

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

Amprol® 25%

SAFETY DATA SHEET

Revised: May 2015

Page 5 of 9

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Physical and chemical properties:

- | | |
|---|--|
| • Appearance: | Solid, fibrous meal; tan |
| • Upper/lower flammability or explosive limits: | Product does not present an explosion hazard |
| • Odor: | Weak, characteristic |
| • Vapor pressure: | No data available |
| • Odor threshold: | No data available |
| • Vapor density: | No data available |
| • pH: | 3-4.5 |
| • Relative density: | No data available |
| • Melting point/freezing point: | Undetermined |
| • Solubility(ies): | Partly 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: | Not determined |

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

No dangerous reactions known.

10.2. Chemical stability:

Stable under recommended storage conditions.

Amprol® 25%

SAFETY DATA SHEET

Revised: May 2015

Page 6 of 9

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 irritating effect known.

Eye: No irritating effect known.

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)

Amprol® 25%

SAFETY DATA SHEET

Revised: May 2015

Page 7 of 9

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: No data available.

12.3. Bioaccumulation potential: No data available.

12.4. Mobility in soil: No data available.

12.5. Other adverse effects:

Prevent spills from contaminating soil and surface waterways. Generally not hazardous for water.

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.

Amprol® 25%

SAFETY DATA SHEET

Revised: May 2015

Page 8 of 9

Product:

Recommendation: Disposal must be made according to official regulations.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

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: - Not Regulated

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.

Amprol® 25%

SAFETY DATA SHEET

Revised: May 2015

Page 9 of 9

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.

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.

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:

Generally not 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