

# Flavomycin®

## SAFETY DATA SHEET

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### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier:

**Material name:** **Bambermycins**  
**Trade name:** Flavomycin 4  
**Product number:** 3045050

#### 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:** Veterinary antibiotic agent.  
**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.

Health: 1  
Flammability: 0  
Hazard: 0  
Personal Protection: B

**2.2. Signal word:** Caution

**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.

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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous

Ingredient	CAS Number	%
Bambermycins	11015-37-5	0.88
Mineral Oil	8012-95-1	*
Rice Hulls	N.A.	*

\*Information is proprietary.

### SECTION 4: FIRST-AID MEASURES

#### 4.1. First aid measures:

- **Eye contact:** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
- **Skin contact:** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
- **Ingestion:** Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
- **Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
- **Notes to Physician:** Symptoms may be delayed.
- **General Advice:** If you feel unwell, seek medical advice (show label when possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

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

**Symptoms and effects of exposure:** Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms of over exposure may be headache, dizziness, tiredness, nausea and vomiting.

**Chronic effects:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**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. Treat for surrounding material.

**5.2. Specific hazards arriving from the substance or mixture:**

Hazardous combustion products: May include and are not limited to: oxides of carbon

**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 unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep away from and upwind of spill/leak.

**6.2. Emergency procedures:** Not applicable.**6.3. Methods and materials for containment:**

Prevent entry into waterways, sewers, basements or confined areas.

**6.4. Cleanup procedures:**

Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling:**

Use good industrial hygiene practices in handling this material.

**7.2. Conditions for safe storage, including any incompatibilities:**

Keep out of reach of children. Store in a closed container away from incompatible materials.

**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:**

General ventilation is normally adequate.

**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: Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. Where exposure guideline levels may be exceeded, use an approved NIOSH respiratory.
- Body protection: As required by employer code.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Physical and chemical properties:**

- Appearance: Grey-Brown powder
- 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: No data available
- Relative density: No data available
- Melting point/freezing point: Undetermined
- Solubility(ies): Not applicable
- 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:**

Hazardous polymerization does not occur.

**10.2. Chemical stability:**

Stable.

**10.3. Other:**

- **Possibility of hazardous reactions:**  
Hazardous polymerization does not occur.
- **Conditions to avoid:**  
Do not mix with other chemicals.

- **Incompatible material:**  
Acids and oxidizers.
- **Hazardous decomposition products:**  
May include and are not limited to oxides of carbon.

## 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: May cause irritation.

Eye: May cause irritation.

Sensitization: Non-hazardous by WHMIS criteria.

### **Numerical measures of toxicity:**

No data available.

### **Symptoms related to the physical, chemical and toxicological characteristics:**

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. The substance is not subject to classification.

**Carcinogen Status:** No data available.

## SECTION 12: ECOLOGICAL INFORMATION

### Environmental overview:

Components of this product have been identified as having potential environmental concerns.

#### 12.1. Aquatic toxicity:

No data available.

**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:** Waste should be incinerated or sent to an approved landfill.

### 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 313: Substance is not listed.

WHMIS Classification: Exempt

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:**

None available.

**Water hazard:**

No data available.



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**SECTION 16: OTHER INFORMATION**

Prepared by: DT

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End of Safety Data Sheet