



Sulmet[®] Soluble Powder

SAFETY DATA SHEET

Revised: April 2016

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SECTION 1: IDENTIFICATION

1.1. Product Identifier:

Material name: Sodium Sulfamethazine
Trade name: Sulmet Soluble Powder
Product number: 1114165001 1 lb (453.5 g)

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: Indicated for the control and treatment of pathogenic organisms that are susceptible to sulfamethazine in cattle, swine, chickens, and turkeys.

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 = 2
Fire = 1
Reactivity = 0

- HMIS ratings (scale 0 - 4)

Health = 2
Fire = 1
Reactivity = 0

2.2. Signal word: Warning

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2.3. Statement of hazard: Harmful if swallowed; For use in animals only; Not for human use.

2.5. Precautionary statement(s):

- Keep only in original container.
- Keep at a temperature not exceeding 25° C (77° F).
- Fire-fighting: Use foam, carbon dioxide, dry powder and water fog or material appropriate for surrounding fire.
- Avoid contact with eyes, skin and clothing.
- Wash thoroughly with soap and water after handling.
- Wear suitable gloves and eye/face protection.
- Spills: Sweep spilled substance into appropriate waste containers.
- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- If swallowed, seek medical advice immediately and show this container or label.
- In case of contact with eyes, flush with gently flowing fresh water thoroughly.
- Dispose of contents and container in accordance with applicable local authority requirements.
- Keep out of reach of children.
- Keep away from food, drink, and animal feedstuffs.

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous

Ingredient	CAS Number	%
Sodium Sulfamethazine	1981-58-4	100

Additional information: Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

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SECTION 4: FIRST-AID MEASURES

General: Animals or persons developing anaphylactic (life-threatening) reactions, such as difficulty in breathing or unconsciousness, must receive immediate medical attention.

4.1. First aid measures:

- **Eye contact:** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.
- **Skin contact:** Wash with soap and water. Get medical attention if symptoms occur.
- **Ingestion:** Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.
- **Inhalation:** Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

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

Dusts may irritate the respiratory tract, skin and eyes. Harmful if swallowed.

Symptoms and effects of exposure: Exposure may cause coughing, wheezing, and respiratory irritation. Exposure may cause eye tearing, redness, and discomfort. Exposure may cause skin itching, redness, and rash in some individuals and animals. Exposure by ingestion may cause vomiting, nausea or other systemic effects.

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: Extinguish with water spray, alcohol foam, dry chemical, and carbon dioxide.

5.2. Unsuitable Extinguishing Media: None known

5.3. Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

5.4. Unusual Fire & Explosion Hazards

High dust concentrations may form explosive mixtures in air.

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- 5.5. Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions and protective equipment:** Wear appropriate personal protective equipment (See Section 8).
- 6.2. Emergency procedures:** Not applicable.
- 6.3. Methods and materials for containment:** STEPS TO BE TAKEN IF SIGNIFICANT QUANTITIES OF PRODUCT IS SPILLED: Sweep up. Minimize dust accumulation. Place spillage in appropriate container for waste disposal. Wash contaminated clothing before use.
- 6.4. Cleanup procedures:**
Prevent runoff from entering drains, sewers or streams. Dike for later disposal.

SECTION 7: HANDLING AND STORAGE

- 7.1. Precautions for safe handling:**
HANDLING SIGNIFICANT QUANTITIES OF PRODUCT: Avoid breathing dust. Avoid contact with eyes, skin or clothing. Use adequate ventilation. Wash hands thoroughly after handling.
- 7.2. Conditions for safe storage, including any incompatibilities:**
Keep only in the original container. Store at or below 25° C (77° F).

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

- 8.1. Exposure controls:**
None Established.
- 8.2. Engineering controls:**
Not generally required when handling containers. Good ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

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8.3. Personal protective measures: Not generally required when handling containers. If containers are compromised or exposure to the mixture is likely wear:

- **Eye Protection:** Wear safety glasses with side shields (or goggles).
- **Hand Protection:** Wear suitable gloves.
- **Skin Protection:** Wear lab coat, apron or appropriate clothing to prevent skin contact.
- **Hygiene Measures:** Eye bath, washing facilities

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

- Hands: Not required under normal conditions of use.
- Eyes: Not required under normal conditions of use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Physical and chemical properties:

- | | |
|---|--|
| • Appearance: | White to off-white; Solid (powdered solid) |
| • Upper/lower flammability or explosive limits: | Not applicable |
| • Odor: | No data available |
| • Vapor pressure: | No data available |
| • Vapor density: | No data available |
| • pH: | No data available |
| • Relative density: | No data available |
| • Melting point/freezing point: | No data available |
| • Solubility(ies): | Soluble in cold water, hot water |
| • Initial boiling point and boiling range: | No data available |
| • Flash point: | Not applicable |
| • Evaporation rate: | Not applicable |
| • Flammability (solid, gas): | Not applicable |
| • Solvent content: | No data available |
| • Partition coefficient: n-octanol/water: | Not applicable |
| • Auto-ignition temperature: | Not applicable |
| • Decomposition temperature: | Not applicable |
| • Viscosity: | Not applicable |
| • Specific gravity: | No data available |

SECTION 10: STABILITY AND REACTIVITY

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10.1. Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability: Material is stable under normal conditions. Keep only in the original container. Store at or below 25° C (77° F).

10.3. Other:

- **Possibility of hazardous reactions:**
Hazardous polymerization will not occur.
- **Conditions to avoid:**
High temperatures
- **Incompatible material:**
Strong oxidizing agents, reducing agents
- **Hazardous decomposition products:**
Carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity	
Chemical Name	Test Results
Sodium Sulfamethazine	Oral LD50 (rat): 1165 mg/kg

Listed Carcinogens: None Listed

SECTION 12: ECOLOGICAL INFORMATION

Environmental overview:

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

12.1. Ecotoxicity:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data available.

12.2. Persistence and degradability: No data is available on the degradability of this product.

12.3. Bioaccumulation potential: No data available.

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12.4. Mobility in soil: Not applicable.

12.5. Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: DISPOSAL CONSIDERATIONS

General Information: Dispose of in accordance with local, state, federal, national or International regulations.

Disposal Methods: No specific disposal method required. Do not empty into drains. Dispose of this material and its container in a safe way. Do not contaminate water, food, or feed by disposal.

RCRA Information: Not applicable

SECTION 14: TRANSPORT INFORMATION

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

DOT: Not regulated

TDG: Not regulated

ADR/RID: Not regulated

IATA: Not regulated

IMDG: Not regulated

SECTION 15: REGULATORY INFORMATION

Canadian Controlled Products Regulations: This product has been classified according to the hazard criteria of the Canadian Controlled Products Regulations, Section 33, and the SDS contains all required information.

WHMIS Classification: Non-controlled

Inventory Status

This material is listed on the following inventories: TSCA, DSL, AICS, EINECS, KECI, PICCS and NZIoC.

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This material is not listed on the following inventories: IECSC and ENCS.

US Regulations

CERCLA Hazardous Substance List (40 CFR 302.4): None listed.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
None listed.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): None listed.

SARA Title III

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None listed.

Section 311/312 (40 CFR 370): Acute (immediate)

Section 313 Toxic Release Inventory (40 CFR 372): None listed.

State Regulations:

California: Restricted Drug (California) – Use Only as Directed

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
None listed.

Massachusetts Right-To-Know List: None listed.

Minnesota Hazardous Substances List: None listed.

New Jersey Right-To-Know List: None listed.

Pennsylvania Right-To-Know List: None listed.

Rhode Island Right-To-Know List: None listed.

European Regulations:

Austria MAK List (Annex I): None listed.

Denmark (Annex 3.6): None listed.

Germany (Dangerous Substances Ordinance 2004, Annex III): None listed.

Norway (List of Dangerous Substance): None listed.

Sweden (Annex 3): None listed.

Switzerland (Toxins List 1): None listed.

SECTION 16: OTHER INFORMATION

Prepared by: GH

Issuing date: 4/15/16

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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