

MATERIAL SAFETY DATA SHEET - SULFADIMETHOXINE SOLUBLE POWDER

SECTION 1 - PRODUCT INFORMATION

MANUFACTURER: Sanofi Animal Health, Inc., 2116 8th Avenue South, Fort Dodge, IA 50501
EMERGENCY PHONE: (515) 576-4225
CHEMICAL NAME AND SYNONYMS: Sulfadimethoxine Soluble Powder
TRADE NAME: Sulfadimethoxine Soluble Powder
FORMULA: C₁₂H₁₄N₄O₄S
DATE PREPARED: 5/29/91

SECTION 2 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater: Carcinogens 0.1% or greater): Sulfadimethoxine (These data indicate that sulfamethazine (Chemically related to Sulfadimethoxine) induces cancer when ingested by animals) *Chronic Toxicity and Carcinogenesis Study on Sulfamethazine in B8C3F1 Mice. Food and Chemical Toxicology, 27 (7), pp. 455-483 (1989) by N.A. Littlefield, et. al.; PERCENT: 90-100%; OSHA PEL: NA; ACGIH TLV: NA; OTHER LIMITS RECOMMENDED:

*Chronic Toxicity / Carcinogenicity Studies of Sulfamethazine in Fisher 344/N Rats: Two Generation Exposure. Food and Chemical Toxicology, 28 (3), pp 157-167 (1990) by N.A. Littlefield, et. al.

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater: Carcinogens 0.1% or greater): Preservatives; PERCENT: 0-10%; OSHA PEL: NA; ACGIH TLV: NA OTHER LIMITS RECOMMENDED: orf-rbt LD50: 7,000 mg/kg

*Above components are a Trade Secret.
Non-Hazardous Ingredients
TOTAL: 100%

SECTION 3 - PHYSICAL DATA

BOILING POINT: NA
VAPOR PRESURE: (mm Hg): NA
VAPOR DENSITY (Air=1): NA
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY (H₂O=1): NA
PERCENT VOLATILE BY VOLUME (%): NA
EVAPORATION RATE (Butyl Acetate = 1): NA
APPEARANCE AND ODOR: White to slightly off white fine granular powder

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): NA

FLAMMABLE LIMITS: NA

LEL:

UEL:

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighter should use self-contained breathing apparatus and turn out gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This material, like most material in powder form, is capable of creating a dust explosion.

SECTION 5 - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NA

EFFECTS OF OVEREXPOSURE: Harmful if swallowed. May cause cyanosis (blue-gray coloring of skin and lips caused by lack of oxygen). Exposure can cause: nausea, headache and vomiting. Other effects include fever, drowsiness and allergic skin reaction. May be harmful by inhalation or skin absorption. May cause skin irritation.

EMERGENCY AND FIRST AID PROCEDURES: If ingested, wash out mouth with water. Call a physician. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Wash contaminated clothing before reuse.

SECTION 6 - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID:

INCOMPATIBILITY (Materials to avoid): Strong oxidizing agents, bases, reducing agents.

HAZARDOUS DECOMPOSITION PRODUCT(S): Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID:

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

WASTE DISPOSAL METHOD: Incineration or chemical waste landfill in accordance with local, state, or Federal regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH/MSHA Approved respirator

VENTILATION: LOCAL EXHAUST: Should be provided; MECHANICAL (General): Yes;

SPECIAL: ; OTHER: Use with adequate ventilation

PROTECTIVE GLOVES: Chemical resistant gloves

EYE PROTECTION: Goggles

OTHER PROTECTIVE EQUIPMENT: Safety shower and eye bath

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Store in cool dry place.

OTHER PRECAUTIONS: Keep tightly closed. Hygroscopic.

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