

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078690426

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078917138

MATERIAL SAFETY DATA SHEET  
VEDCO SULFADIMETHOXINE SOLUBLE POWDER

SECTION 1 PRODUCT INFORMATION

Manufacturer: Merial  
Address: 4545 Oleatha Avenue  
St. Louis MO 63116  
Emergency Telephone Number: (888) 637-4251  
Trade name and synonyms: Sulfadimethoxine Soluble Powder  
Chemical name and synonyms: Sulfadimethoxine  
Chemical Family:  
Formula: C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>S

SECTION 2 HAZARDOUS INGREDIENTS

Sulfadimethoxine: These data indicate that sulfamethazine (chemically related to sulfamethoxine) induces cancer when ingested by animals.) "Chronic Toxicity and Carcinogenesis study on Sulfamethazine in B6C3F1 Mice" Food and Chemical Toxicology, 27 (7), pp. 455-463 (1989) by N.A. Littlefield, et. al.  
"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.

SECTION 3 PHYSICAL DATA

Boiling Point (\*F): N/A  
Vapor Pressure (mm Hg): N/A  
Vapor density (air=1): N/A  
Solubility in water: Complete  
Appearance and odor: White to slightly off white fine granular powder  
Specific Gravity(h<sub>20</sub>=1): N/A  
Percent volatile by volume(%) N/A  
Evaporation rate: N/A

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): N/A  
Flammable Limits: N/A  
Extinguishing media: Water spray, carbon dioxide, dry chemical powder, alcohol of 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: N/A  
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. Harmful if inhaled or absorbed through skin. May cause skin irritation.

Emergency First Aid Procedures- If ingested wash out mouth with water. Call A physician. In case of skin contact, immediately flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If inhaled, remove to fresh air. If breathing is difficult give oxygen. In case of contact with eyes, flush with copious amount of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Wash contaminated clothing before reuse.

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## SECTION 6 REACTIVITY DATA

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Stability: Stable ( x ) Unstable ( )

Incompatibility( materials to avoid): strong oxidizing agents, bases, reducing agents

Hazardous Decomposition Products: Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides

Hazardous polymerization: Will occur ( )will not occur( x )

Conditions to avoid: N/A

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## SECTION 7 SPILL OR LEAK PROCEDURES

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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 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.

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## SECTION 8 SPECIAL PROTECTION INFORMATION

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Respiratory protection: NIOSH/MSHA Approved respirator

Ventilation: Local exhaust should be provided.

Protective gloves: Chemical resistant gloves

Eye Protection: Goggles

Other protective equipment: Safety shower and eye bath

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## SECTION 9 SPECIAL PRECAUTIONS

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Precautions to be taken in handling and storing: Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Store in a cool dry place.

Other precautions: Corrosive. Keep tightly closed. Hygroscopic.

### NOTE;

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