

SAFETY DATA SHEETS

This SDS packet was issued with item:

078712963

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

078917648

MATERIAL SAFETY DATA SHEET
VEDCO SULFADIMETHOXINE 12.5% ORAL SOLUTION

SECTION 1 PRODUCT INFORMATION

Manufacturer: Phoenix Scientific Inc.

Address: 3915 S. 48th Street Terrace
St. Joseph MO 64503

Emergency Telephone Number: (816) 364-3777 or (816) 253-9341

Trade name and synonyms: Sulfadimethoxine 12.5% Oral Solution

Chemical name and synonyms: Sulfadimethoxine

Chemical Family: Veterinary Antibacterial Drinking Water Additive

Formula: N/A Chemical Mixture

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.

Sodium Hydroxide (1%) OSHA PEL 2mg/m; ACGIH TLV 2mg/m

Preservatives: (< 1%) OSHA PEL N/A; ACGIH TLV 2mg/m

SECTION 3 PHYSICAL DATA

Boiling Point (*F): 100 C

Vapor Pressure (mm Hg): N/A

Vapor density (air=1): N/A

Solubility in water: Miscible

Appearance and odor: Clear, pale yellow to brown solution with practically no odor

Specific Gravity(h20=1): 1.07

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: 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: N/A

SECTION 5 HEALTH HAZARD DATA

Threshold limit value: N/A

Effects of overexposure- Exposure can cause nausea, headache and vomiting. Other effects include fever,

drowsiness and allergic skin reaction. Harmful if inhaled or absorbed through skin. Material is destructive to tissue of the mucous membranes and upper respiratory tract, eyes and skin. Causes severe burns. Inhalation may be fatal as a result of spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema.

Emergency First Aid Procedures- In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. Assure adequate flushing of the eyes by separating the eyelids with fingers. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. If ingested, wash out mouth with water. Call a physician. Wash contaminated clothing before reuse. Discard contaminated shoes.

SECTION 6 REACTIVITY DATA

Stability: Stable (x) Unstable ()

Incompatibility(materials to avoid): strong acids, strong oxidizing agents, organic materials, chlorinated solvents. Absorbs CO₂ from air. Organic peroxide

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

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. Ventilate area. Absorb on sand or vermiculite and place in closed container for disposal. 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.

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: 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. Air sensitive.

NOTE;

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS PROVIDED IN GOOD FAITH AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, THE MANUFACTURER ASSUMES NO WARRANTIES EITHER EXPRESSED OR IMPLIED. USERS OF THESE PRODUCTS ARE ADVISED TO VERIFY THIS INFORMATION IS SUITABLE TO THEIR PARTICULAR PURPOSES PRIOR TO THEIR USE OF THEM.

**SULFADIMETHOXINE 12.5 %
ORAL SOLUTION****SECTION 1: IDENTIFICATION**

Product Identifier: Sulforal
Material Name: Sulfadimethoxine
Recommended Use: Veterinary pharmaceutical oral antibacterial solution.
Restrictions on Use: For use in animals only.
Manufacturer: **MED-PHARMEX INC.**
2727 Thompson Creek Road
Pomona, CA 91767
Business Hours: 8:30 a.m. to 5:00 p.m. Pacific Time Monday thru Friday
Telephone Number: 909-593-7875
Emergency Telephone: If over exposure occurs call your poison control center at
1-800-222-1222 ... Human Poison Control
1-888-426-4435 ... ASPCA Poison Control

SECTION 2: HAZARD(S) IDENTIFICATION

Product Description: Clear, pale yellow to brown solution with practically no odor.

Classification of the Substance or Mixture: Veterinary Antibacterial.

Signal Word: **WARNING**

Hazard statement(s): Irritating to eyes, respiratory system and skin.
Possible risk of harm to the unborn child.
May be harmful if swallowed.

Precautionary statement(s): For use in animals only. Not for human use.
Avoid contact with skin. Wear suitable protective clothing and gloves.
Avoid contact with eyes. Wear eye/face protection.
Avoid exposure - obtain special instructions before use.
Keep away from food, drink and animal feeding stuffs.
In case of contact with eyes, rinse with plenty of water and contact a Doctor or Poison Control Center. If swallowed, immediately contact a Physician or Poison Control Center. Have this sheet handy for physician and/or Poison Control.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Concentration
Sulfadimethoxine	122-11-2	12.5%

SECTION 4: FIRST AID MEASURES**Description of First Aid Measures:**

In case of eye contact:	In case of eye contact, immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a physician.
In case of ingestion:	Do not induce vomiting unless under the direction of a qualified medical professional or Poison Control Center. IMMEDIATELY consult a physician. Do not attempt to give anything by mouth to a seizing, drowsy or unconscious person. If alert, rinse mouth and drink a glass of water.
In case of skin contact:	In case of skin contact, while wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a physician.
In case of inhalation:	Remove to fresh air. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a physician.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Carbon dioxide (CO ₂), extinguishing powder or water spray.
Flammable Properties and Hazards:	Under normal conditions of use, this material does not present a significant fire or explosion hazard.
Flash Pt:	No Data Available
Explosive Limits:	Under normal conditions of use, this material does not present a significant fire or explosion hazard.
Auto-ignition Pt:	No Data Available
Fire Fighting Instructions:	Wear full protective clothing and self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Keep personnel away from the clean-up area. Avoid dust formation, dampen with water to prevent dusting before sweeping. Avoid breathing dust, vapors, mist or gas. Ensure adequate ventilation. For personal protection see section 8.

Methods and Material for Containment and Clean Up: All spills should be handled according to site requirements and based on precautions cited in the SDS. In the case of liquids, use proper absorbent materials. For laboratories and small-scale operations, incidental spills within a hood or enclosure should be cleaned by using a vacuum or wet cleaning methods as appropriate. For large dry or liquid spills or those spills outside enclosure or hood, appropriate emergency response personnel should be notified. In manufacturing and large-scale operations, vacuuming prior to wet mopping or cleaning is required. Dispose in accordance with local, state and federal regulations regarding health, water and air pollution.

SECTION 7: HANDLING AND STORAGE

Precautions for safe Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation in places where dust and aerosols are formed.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well ventilated place. Store at room temperature between 15-30°C (59-86°F). Store upright and out of direct sunlight. Store away from ignition sources. Wash face, hands, and any exposed skin after handling. Do not eat, drink, or smoke when using this substance or mixture.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

The purpose of the Occupational Exposure Band (OEB) classification system is to separate substances into different Hazard categories when the available data is sufficient to do so, but inadequate to establish an Occupational Exposure Limit (OEL). The OEB given is based upon an analysis of all currently available data; as such, this value may be subject to revision when new information becomes available.

Ventilation And Engineering Controls: Use with adequate ventilation. Follow standard medical product handling procedures. During decontamination of work surfaces, workers should wear the same equipment recommended in Section 6 (Accidental Release Measures) of this SDS.

Personal Protection Equipment:

Eye Protection: Not normally needed during normal use. Use of safety glasses with side shields, goggles or full face protection may be required based on hazard, potential for contact, or level of exposure.

Protection Gloves: For situations in which prolonged skin contact is anticipated gloves that provide an appropriate barrier to the skin are recommended if there is potential for contact with this material.

Respiratory Protection: A respirator is not required for routine conditions of use of this product. Respiratory protective equipment (RPE) may be required for certain laboratory and large-scale manufacturing tasks if potential airborne breathing zone concentrations of substances exceed the relevant exposure limit(s). Workplace risk assessment should be completed before specifying and implementing RPE usage. If respiratory protection is needed, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, or Canadian CSA Standard Z94.4-02.

Protective Clothing: During patient administration, use of lightweight cotton gown or other medical attire is recommended. In small-scale or laboratory operations, lab coats or equivalent protection is required. Disposable Tyvek or other dust impermeable suit should be considered based on procedure or level of exposure. Use of additional PPE such as shoe coverings, gauntlets, hood, or head covering may be necessary. Consult your site safety staff for guidance.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties:

Appearance: Clear, pale yellow to brown solution.

Physical State: Solution

Freezing Point: No Data Available

Boiling Point: No Data Available

Flash Point: No Data Available

Explosive Limits: No Data Available

Vapor Pressure: No Data Available

Specific Gravity: No Data Available

Solubility in Water: Miscible

Autoignition Point: No Data Available

Percent Volatile: No Data Available

Odor: Practically no odor.

Odor Threshold: No Data Available

Melting Point: No Data Available

Flammability: No Data Available

Evaporation Rate: No Data Available

Relative Density: No Data Available

Vapor Density: No Data Available

Viscosity: No Data Available

Solubility Notes: No Data Available

Other Information: No Data Available

pH: No Data Available

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions and recommended storage conditions.

Reactivity: No data available

Possibility of Hazardous Reactions: No data available

Conditions to Avoid: Open flames and high temperatures.

Incompatibility: No Data Available

Materials to Avoid: As a precautionary measure, keep away from strong oxidizers.

Hazardous Decomposition Products: No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects:

The toxicological properties of the mixture(s) have not been fully characterized in humans or animals. Therefore, laboratory or process control systems and appropriate work practices should be in place to minimize the potential for inhalation exposure, skin contact, eye contact, or ingestion when working with this material. Only information about the ingredients that are expected to contribute significantly to the potential health hazard profile of the formulation(s) is presented.

Carcinogenicity: No Data Available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No specific environmental toxicity data available for this formulation.

SECTION 13: Disposal considerations

Waste Disposal Method: Disposal must be in accordance with applicable federal, state, and/or local regulations.

SECTION 14: Transport information

Transport: This material is not subject to the transportation regulations of DOT, IATA, IMO, and the ADR.

SECTION 15: Regulatory information

Regulatory Information Statement: No Data Available.

SECTION 16: OTHER INFORMATION

Last Revision Date: January 1, 2015

Disclaimer: The information contained in this Safety Data Sheet is provided in good faith and is accurate to the best of our knowledge. However, the manufacturer assumes no warranties expressed or implied. Users of these products are advised to verify that the information is suitable to their particular purposes prior to their use of them.