

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:

Sulfadimethoxine (Di-Methox) 12.5% Solution

AS SOLD BY AGRILABS

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MATERIAL SAFETY DATA SYSTEMS

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PRODUCT NAME-IDENTITY: Sulfadimethoxine (Di-Methox) 12.5% Solution	THERAPEUTIC CATEGORY: Antibacterial	CHEMICAL FAMILY: Sulfanamide
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MANUFACTURER NAME: Sparhawk Laboratories	EMERGENCY TELEPHONE #: 913-888-7500
ADDRESS: 12340 Santa Fe Trail Drive Lenexa, KS 66215	TELEPHONE # FOR INFORMATION: 913-888-7500
	DATE PREPARED: 07/20/04

HAZARDOUS INGREDIENT IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAMES): Sulfadimethoxine; 4-Amino-N-(2,6 dimethoxy-4 pyrimidinyl) benzene sulfonamide

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: About 100°C	SPECIFIC GRAVITY: 1.0400 – 1.0600
VAPOR PRESSURE (mm Hg.): N/A	MELTING POINT: N/A
VAPOR DENSITY (Air = 1): N/A	EVAPORATION RATE: (Butyl Acetate = 1)
SOLUBILITY IN WATER: Complete	
pH (10% Solution): 9.8 – 10.6	
APPEARANCE AND ODOR: Colorless to slightly yellow liquid	

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A	FLAMMABLE LIMIT: N/A	LEL	UEL
EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical powder or polymer foam.			
SPECIAL FIRE FIGHTING PROCEDURE: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.			
UNUSUAL FIRE & EXPLOSION HAZARDS: None exist.			

REACTIVITY DATA

STABILITY:	UNSTABLE		CONDITIONS TO AVOID:
	STABLE	X	
HAZARDOUS DECOMPOSITION OF BYPRODUCTS: Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides.			
INCOMPATIBILITY: (MATERIALS TO AVOID): Oxidizing agents; Reducing agents			
HAZARDOUS POLYMERIZATION:	MAY OCCUR		CONDITIONS TO AVOID:
	WILL NOT OCCUR	X	

HEALTH HAZARD DATA

ROUTES OF ENTRY:	
SKIN/EYES?	Wash with copious amounts of water for 15 minutes, call a physician.
INHALATION?	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
INGESTION?	Harmful if swallowed. Wash out mouth with water. Call a physician. Exposure can cause nausea, vomiting, headache and cyanosis.
CARCINOGENICITY: Studies of sulfamethazine, a related compound, suggest that ingestion causes cancer. *	
TOXICITY: LD ₅₀ – Orally in mice >10 g/Kg (Seki)	

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear safety clothing. Provide adequate ventilation. Place product in sealed bag. Wash spill site after material pick-up is complete.
WASTE DISPOSAL METHOD: Incineration or chemical waste landfill in accordance with local, state and federal regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Avoid inhalation or contact. Store in cool dry area. Wash after contact. Avoid prolonged or repeated contact.
OTHER PRECAUTIONS:

CONTROL & SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH/MSHA approved respirator	
VENTILATION: LOCAL EXHAUST: X MECHANICAL: X	SPECIAL:
PROTECTIVE GLOVES: Chemical resistant gloves	EYE PROTECTION: Goggles
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	
OTHER: Safety shower and eye bath	

The above information is believed to be accurate and represents the best information available to us at the time this Material Safety Data Sheet was prepared. The information is provided to our customers in good faith; however, no warranty, expressed or implied, is made.

* Food and Chemical Toxicology, 27 (7), pp. 455 – 463 (1989) by N.A. Littlefield, et.al.

* Food and Chemical Toxicology, 27 (3), pp. 157 – 167 (1990) by N.A. Littlefield, et.al.