

----- MATERIAL SAFETY DATA SHEET -----
DI-METHOX 12.5% SOLUTION
Agri Laboratories

MANUFACTURED FOR AGRI LABORATORIES
BY SANOFI ANIMAL HEALTH, INC.

SECTION I

MANUFACTURER'S NAME: SANOFI ANIMAL HEALTH, INC.

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DATE PREPARED: 5-29-91

CHEMICAL NAME AND SYNONYMS: Sulfadimethoxine 12.5% Oral
Solution

TRADE NAME: Di-Methox 12.5% Solution

FORMULA: C12H14N4O4S

SECTION II - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogen 0.1% or greater)	%	OSHA PEL	ACGIH TLV
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Sulfadimethoxine 12.5 Unknown Unknown

OTHER LIMITS RECOMMENDED:

(These data indicate that sulfamethazine (Chemically related to Sulfadimethoxine) 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 2 mg/m 2 mg/m

OTHER LIMITS RECOMMENDED:

Preservatives* <1 N/A 5 mg/m

OTHER LIMITS RECOMMENDED:

*Above components are a Trade Secret

Non-Hazardous Ingredients Q.S.

TOTAL 100

SECTION III - PHYSICAL DATA

BOILING POINT (deg F): Unknown
VAPOR PRESSURE (mm Hg): Unknown
VAPOR DENSITY (AIR = 1): Unknown
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY (H₂O = 1): 1.05
PERCENT VOLATILE BY VOLUME (%): Unknown
EVAPORATION RATE (Butyl Acetate): Unknown
APPEARANCE AND ODOR: Clear, light yellow to green liquid

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): N/A
FLAMMABLE LIMITS: N/A
LOWER:
UPPER:
EXTINGUISHING MEDIA: 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: N/A

SECTION V - 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. 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 AND 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 VI - REACTIVITY DATA

STABILITY: Stable.
CONDITIONS TO AVOID:
INCOMPATIBILITY (Materials to avoid): Strong acids, strong

oxidizing agents, organic materials, chlorinated solvents. Absorbs CO₂ from air. Organic peroxide.

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 VII - 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 VIII - 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 IX - SPECIAL PRECAUTIONS

PRECAUTION 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.

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