

----- 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.
2116 8TH AVENUE SOUTH
FORT DODGE, IA 50501
EMERGENCY PHONE: (515) 576-4225
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
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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
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OTHER LIMITS RECOMMENDED:

Preservatives*	<1	N/A	5 mg/m
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OTHER LIMITS RECOMMENDED:

*Above components are a Trade Secret

Non-Hazardous Ingredients	Q.S.
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TOTAL	100
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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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