MANUFACTURER'S NAME: SANOFI ANIMAL HEALTH, INC.
2116 8TH AVENUE SOUTH
FORT DODGE, IA 50501
EMERGENCY PHONE: (515) 576-4225
DATE PREPARED: 10-31-91
CHEMICAL NAME AND SYNONYMS: Sulfadimethoxine
TRADE NAME: Sulfadimethoxine 400 mg/mL Injection
FORMULA: C12H14N4O4S

SECTION II - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names
(Hazardous Components 1%) or greater; Carcinogen

Sulfadimethoxine 40 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 B6CF1 Mice," Food and Chemical Toxicology, 27 (7), pp. 455-463 (1989) by N.A. Littlefield, et.al.


Propylene Glycol 20 Unknown Unknown

OTHER LIMITS RECOMMENDED: ovl-rat LD50: 20 g/kg

Benzyl Alcohol 1 Unknown Unknown

OTHER LIMITS RECOMMENDED: ovl-rat LD50: 1230 mg/kg

Sodium Hydroxide 5 2 mg/m 2 mg/m

OTHER LIMITS RECOMMENDED: Inert Ingredients & other Active Ingredients at levels ≤1% and/or determined to be Non-Hazardous as defined by 29 CFR Part 1910, July 1989.

Non-Hazardous Ingredients Q.8.

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): Unknown
PERCENT VOLATILE BY VOLUME (%): Unknown
EVAPORATION RATE (Butyl Acetate): Unknown
APPEARANCE AND ODOR: Clear, light yellow to green solution

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): Unknown
FLAMMABLE LIMITS: Unknown
LOWER: Unknown
UPPER: Unknown
EXTINGUISHING MEDIA: Water spray, 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: Unknown

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Unknown
EFFECTS OF OVEREXPOSURE: Harmful is swallowed. May cause cyanosis (blue-gray coloring of skin and lips caused by lack of oxygen). Exposure can cause: nausea, headache, gastrointestinal disturbances and vomiting. Other effects include fever, drowsiness and allergic skin reaction. Harmful if inhaled. May cause irritation.

EMERGENCY AND FIRST AID PROCEDURES: If ingested, wash out mouth with water. Call a physician. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Wash contaminated clothing before reuse.

SECTION VI - REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID:

INCOMPATIBILITY (Materials to avoid): Acid chlorides, acid anhydrides, oxidizing agents, chlorofomates, reducing agents, strong acids, chlorinated solvents, organic peroxide, organic materials.

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 NIOSH respirator, chemical safety goggles, and heavy rubber gloves. Absorb on sand or vermiculite and place in closed container for disposal. 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.

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 breathe vapor. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Store in a cool, dry place.

OTHER PRECAUTIONS: Hygroscopic
Judgements as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore although reasonable care has been taken in the preparation of such information, Sanofi Animal Health, Inc. extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES: although preparer and owner have taken reasonable care in the preparation of this document, we extend no warranties and make no representation as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each user should make a determination as to the suitability of the information for their particular purpose(s). A request has been made to the manufacturer to approve the contents of this material safety data sheet. Upon receipt of any changes a new MSDS will be made available.

COMPAS Code: 29600540