

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910:1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) AS 10/10	The information contained herein is based on data Considered accurate: however, no warranty either expressed or implied of any nature with respect to the product or the data is made.
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Section I

Manufacturer's Name ANIMAL SCIENCE PRODUCTS	Emergency Telephone Number 1-800-424-9300 CHEMTREC
Address (Number, Street, City, and ZIP Code) FM 1275 SOUTH, NACOGDOCHES, TX, 75963-1408	Telephone Number for Information 1-800-657-2324 ANIMAL SCIENCE PRODUCTS
P.O. DRAWER 631408	Date Prepared 04/13/94
	Signature of Preparer (optional)

Section II-Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other limits Recommended	% (optional)
Chlortetracycline				2.2%
Sulfamethazine				2.2%

Section III - Physical/Chemical Characteristics

Boiling Point:	NA	Specific Gravity (H ² O = 1)	NA
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA

Solubility in water: Slight

Appearance and Odor: Brown granules and powder, mild fermentation odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): NA	Flammable Limits: NA	LEL	LEL
Extinguishing Media: Water spray or fog. Use extinguishing media for surrounding area.			
Special Fire Fighting Procedures: Avoid heavy streams, use spray or fog.			
Unusual Fire Fighting and Explosion Hazards: Chlortetracycline is a dust explosion hazard. All equipment must have explosion venting per NFPA 68-1978. All electrical wiring and equipment should meet the provisions of NFPA-70.			

Section V - Reactivity Data			
Stability	Unstable		Conditions to Avoid: NA
	Stable	XXX	
Compatibility (Materials to Avoid): NA			
Hazardous Decomposition or Byproducts: Thermal decomposition may produce oxides of carbon and/or sulfur.			
Hazardous Polymerization	May Occur		Conditions to Avoid: NA
	Will Not Occur	XXX	
Section VI - Health Hazard Data			
Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes Eyes? Yes			
Health Hazards (Acute and Chronic): NA			
Carcinogenicity: NA NTP? IARC Monographs? OSHA Regulated?			
Signs of Symptoms of Exposure:			
Medical Conditions Generally Aggravated by Exposure:			
Emergency and First Aid Procedures: Eyes: Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Get medical attention if irritation persists. Skin: Wash skin with plenty of soap and water. Inhalation: Remove Subject to fresh air. Ingestion: Drink large quantities of water. Induce vomiting by touching the back of the throat with fingers.			
Section VII - Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material is Released or Spilled: Shovel/Sweep spilled material into covered containers for proper disposal.			
Waste Disposal Method: Follow all applicable Federal, State, and Local regulations regarding waste management methods.			
Precautions to Be Taken in Handling and Storing : Maintain good housekeeping to control dust accumulations.			
Other Precautions: Keep away from sources of ignition and protect from exposure to fire and heat.			
Section VIII - Control Measures			
Respiratory Protection (Specify Type): NIOSH approved respirator if PEL limits cannot be maintained.			
Ventilation	Local Exhaust: Recommended		Special:
	Mechanical (General):		Other:
Protective Gloves: Chemical impervious		Eye Protection: Eye goggles	
Other Clothing or Equipment: For end users, please refer to the product label for personal protective clothing/equipment.			
Work/Hygienic Practices: Follow good industrial hygiene practices.			