

Product Identifier: **SULFA 25%**

DIN #: **01939807**

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE			
MANUFACTURER'S NAME:	BIMEDA-MTC ANIMAL HEALTH INC.	SUPPLIER'S NAME:	BIMEDA-MTC ANIMAL HEALTH INC.
STREET ADDRESS:	420 BEAVERDALE ROAD	STREET ADDRESS:	420 BEAVERDALE ROAD
CITY AND PROVINCE:	CAMBRIDGE, ONTARIO	CITY AND PROVINCE:	CAMBRIDGE, ONTARIO
POSTAL CODE:	N3C 2W4	POSTAL CODE:	N3C 2W4
TELEPHONE #	519-654-8000	TELEPHONE #	519-654-8000
EMERGENCY RESPONSE:	CHEMTRECH	TELEPHONE #	1-800-424-9300
CHEMICAL NAME:	CHEMICAL FAMILY:	CHEMICAL FORMULA:	
PRODUCT CODE: 1SUL001 1SUL002	PRODUCT SIZE: 4 L	PRODUCT USE: Antibacterial for large animals	

SECTION 2 – HAZARDOUS INGREDIENTS			
HAZARDOUS INGREDIENTS	% (W/W)	CAS NUMBER	LIMITS:
Sodium Sulfamethazine	25%	57-68-1	N/A
Sodium Hydroxide	2.5%	1310-73-2	2 mg/m ³

SECTION 3 – PHYSICAL DATA			
PHYSICAL STATE:	ODOUR AND APPEARANCE:	ODOUR THRESHOLD (ppm):	
Liquid	Wine red aqueous solution with no visible particulate.	N/A	
VAPOUR PRESSURE (mm Hg):	VAPOUR DENSITY (Air = 1):	% VOLATILES:	
N/A		N/A	
BOILING POINT (DEG.C):	FREEZING POINT (DEG. C):	DENSITY:	
N/A		N/A	
pH (100%):	SPECIFIC GRAVITY (H2O = 1):	SOLUBILITY IN WATER:	COEFF: WATER/OIL DIST.:
10.5 – 14.0 (as is)	1.08	Yes	

SECTION 4 – FIRE AND EXPLOSION DATA		
FLAMMABLE:		
IF YES, UNDER WHICH CONDITIONS: Excessive heat, sparks or open flame.		
MEANS OF EXTINCTION: Use agent suitable for surrounding fire - water, water fog, chemical foam, dry chemical, CO2.		
SPECIAL PROCEDURES:		
FLASHPOINT (Deg. C) AND METHOD:	UPPER FLAMMABLE LIMIT (% BY VOLUME):	LOWER FLAMMABLE LIMIT (% BY VOLUME):
N/A		
EXPLOSION DATA:	HAZARDOUS COMBUSTION PRODUCTS:	
N/A	Carbon dioxide, carbon monoxide.	
SENSITIVITY TO IMPACT:	SENSITIVITY TO STATIC DISCHARGE:	

SECTION 5 – REACTIVITY DATA	
CONDITIONS OF INSTABILITY: Contact with acids.	
INCOMPATIBILITY WITH OTHER SUBSTANCES (IF YES, WHICH ONES?) Acids	
REACTIVITY, AND UNDER WHAT CONDITIONS? Contact with above.	
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide.	
CHEMICAL STABILITY: Stable	
REACTIVITY: Yes	
CHEMICAL INCOMPATIBILITY: Strong Acids	

SECTION 6 – TOXICOLOGICAL PROPERTIES			
ROUTE OF ENTRY:			
Skin Contact: Yes		Skin Absorption: No	Eye Contact: Yes
Inhalation: No		Ingestion: Yes	
EFFECTS OF ACUTE EXPOSURE TO MATERIAL: Eye and skin contact may cause irritation. Ingestion may cause adverse health effects.			
INHALATION: INGESTION:			
EFFECTS OF CHRONIC EXPOSURE: M/A (SPECIFY SPECIES AND ROUTE):			EXPOSURE LIMITS (ACGIH TLV'S):
	LD ₅₀	LC ₅₀	
IRRITANCY: Mild to severe Skin: Respiratory Tract Sensitization: N/A			
Sensitizing Capability:		Carcinogenicity: N/A	
Reproductive Toxicity: N/A		Synergistic Materials:	

SECTION 7 – PREVENTATIVE MEASURES		
PERSONAL PROTECTIVE EQUIPMENT:		
GLOVES (Specify): Chemical resistant gloves.	RESPIRATOR (Specify): Use approved mask or approved respirator if exposed to vapours or mist.	EYES (Specify): Chemical safety glasses.
FOOTWEAR(Specify):	CLOTHING (Specify): Plastic apron, sleeves and boots as appropriate.	OTHER (Specify):
** An eye wash and safety shower should be nearby and ready for use.		
ENGINEERING CONTROLS: Engineering control methods to reduce hazardous exposures are preferred. Methods include mechanical ventilation (dilution or local exhaust), process or personnel enclosure, control of process conditions and process modifications. Personal protective equipment may also be used.		
LEAK AND SPILL PROCEDURES: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and for flammable materials shut off all possible sources of ignition. Transfer carefully into approved waste container and arrange for removal by disposal company. Wash site of spillage thoroughly with water and detergent.		
WASTE DISPOSAL: Follow all federal, provincial and local regulations for disposal. Use only licensed disposal and waste hauling companies. Disposal of small amounts of spilled material may be handled as described under Leak/Spill Clean-up. Large spills must be handled by qualified disposal companies.		
STORAGE REQUIREMENTS: Store in suitable labelled containers. Keep containers tightly closed when not in use and when empty. Protect from damage.		
HANDLING REQUIREMENTS: Follow routine safe handling procedures.		

SECTION 8 – FIRST AID MEASURES

<p>Eyes:</p>	<p>Flush the contaminated eye(s) for at least 15 minutes with lukewarm running water, holding the eyelids open. Take care not to rinse contaminated water into the non-affected eye. Always seek medical attention for accidents involving the eyes.</p>
<p>Skin:</p>	<p>Flush the contact area with lukewarm running water for at least 15 minutes. Remove contaminated clothing, taking care not to spread the chemical. If contamination is extensive, remove clothing under running water. Discard or decontaminate clothing before reuse. Unless contact has been slight, seek medical attention. Seek medical attention if irritation persists.</p>
<p>Ingestion:</p>	<p>Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. Dilute by drinking water. Do not induce vomiting. Seek medical attention.</p>
<p>Inhalation:</p>	<p>Take proper precautions to ensure your own safety before attempting rescue. Remove source of contamination or move victim to fresh air. If breathing has stopped trained personnel should begin artificial respiration., or if the heart has stopped, cardiopulmonary resuscitation (CPR) immediately. Seek medical attention.</p>

SECTION 9 – ADDITIONAL INFOFMTION

SPECIAL PRECAUTIONS: Containers, even those that have been emptied, will retain product residue and vapours. Always obey hazard warnings and handle empty containers as if they are full. Precautions as to caustic nature of product. Dilute as per product label

OTHER INFORMATION: Always use good industrial practices and read label prior to use.

TDG SHIPPING NAME: Exempt, Medicines N.O.S.

WHMIS Classification: Does not meet criteria.

SECTION 10 – PREPARATION DATA

DATE:	April 13, 1994	TELEPHONE NUMBER:	519-654-8000
DATE REVISED:	September 1998, May 2001, October 2005, June 2008, August 2009, August 2010, May 2014		

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that user of this material has been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact supplier.