

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:

VetOne Lactated Ringer's Solution

AS SOLD BY VETONE

A Service of

COMPAS

MATERIAL SAFETY DATA SYSTEMS

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Product Identifier: LACT-R

DIN #: 00715530

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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
CHEMICAL NAME:	CHEMICAL FAMILY:	CHEMICAL FORMULA:	
PRODUCT USE: Veterinary Pharmaceutical		WHMIS CLASSIFICATION: Not classified	
PRODUCT CODE: 1LAC001 1LAC002		PRODUCT SIZE: 1000 mL 500 mL	

SECTION 2 – HAZARDOUS INGREDIENTS			
HAZARDOUS INGREDIENTS	% (W/W)	CAS NUMBER	PRODUCT IDENTIFICATION NUMBER (PIN)
Not applicable			

SECTION 3 – PHYSICAL DATA			
PHYSICAL STATE: Liquid	ODOUR AND APPEARANCE: Clear colourless	ODOUR THRESHOLD (ppm): N/A	
% VOLATILES: N/A	VAPOUR DENSITY (Air = 1): N/A	VISCOSITY: Water thin	
BOILING POINT (DEG.C): 100 – 110 deg	FREEZING POINT (DEG. C):	CRITICAL TEMPERATURE:	
pH (100%): 6.0 – 7.5	SPECIFIC GRAVITY (H2O = 1): 1.0 – 1.05	SOLUBILITY IN WATER: Soluble	COEFF: WATER/OIL DIST.:

SECTION 4 – FIRE AND EXPLOSION DATA		
FLAMMABLE: IF YES, UNDER WHICH CONDITIONS: Not applicable.		
MEANS OF EXTINCTION: Not applicable.		
SPECIAL PROCEDURES:		
FLASHPOINT (Deg. C) AND METHOD: Not applicable.	UPPER FLAMMABLE LIMIT (% BY VOLUME): Not applicable.	LOWER FLAMMABLE LIMIT (% BY VOLUME): Not applicable.
SPECIAL FIRE HAZARDS: None known to us at this time.		HAZARDOUS COMBUSTION PRODUCTS: Not applicable.
SENSITIVITY TO IMPACT:		SENSITIVITY TO STATIC DISCHARGE:

SECTION 5 – REACTIVITY DATA	
CONDITIONS FOR CHEMICAL INSTABILITY: Not applicable.	
INCOMPATIBILITY WITH OTHER SUBSTANCES (IF YES, WHICH ONES?) Not applicable.	
REACTIVITY, AND UNDER WHAT CONDITIONS? Not applicable.	
HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable.	

SECTION 6 – TOXICOLOGICAL PROPERTIES			
ROUTE OF ENTRY:			
Skin Contact: No		Skin Absorption: No	Eye Contact: No
Inhalation: No		Ingestion: No	
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:			
INHALATION:			
INGESTION: May cause vomiting, headache and medical problems.			
EFFECTS OF CHRONIC EXPOSURE: N/A			
(SPECIFY SPECIES AND ROUTE):			EXPOSURE LIMITS (ACGIH TLV'S):
	LD ₅₀	LC ₅₀	
IRRITANCY: As for salt.			
Skin:			
Respiratory Tract Sensitization: No data available.			
Sensitizing Capability:		Carcinogenicity: Non Hazardous by WHMIS Criteria.	
Reproductive Effects: Insufficient data.		Synergistic Materials: Not available.	
Available Teratogenicity: Insufficient data available.		Mutagenicity: Insufficient data available.	

SECTION 7 – PREVENTATIVE MEASURES		
PERSONAL PROTECTIVE EQUIPMENT:		
GLOVES (Specify): Not required.	RESPIRATOR (Specify): Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.	EYES (Specify): Chemical splash goggles not required under normal conditions of use.
FOOTWEAR(Specify):	CLOTHING (Specify):	OTHER PROTECTIVE EQUIPMENT: As required by employer code.
ENGINEERING CONTROLS: General ventilation normally adequate. Local exhaust for dusts, mists or fumes.		
LEAK AND SPILL PROCEDURES: Before attempting clean-up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.		
WASTE DISPOSAL: Review federal, provincial and local government requirements prior to disposal.		
STORAGE AND HANDLING REQUIREMENTS: Store in closed container. Store away from incompatible materials.		

SECTION 8 – FIRST AID MEASURES	
Eyes:	Immediately flush with water for 15 minutes. If symptoms persist call a doctor.
Skin:	Flush with water. Call a doctor if irritation develops.
Ingestion:	Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a doctor immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.
Inhalation:	Remove to fresh air. If symptoms persist, call a doctor.

SECTION 9 – ADDITIONAL INFORMATION	
TDG Shipping Name:	Not regulated under TDG.

SECTION 10 – PREPARATION DATA			
DATE:	September 28, 1998	TELEPHONE NUMBER:	519-654-8000
DATE REVISED:	May 2001, August 2002m July 2006, June 2008		

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.