

Product Identifier: FERROFORTE

DIN #: 00857041

## 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:	CHEMTREC	TELEPHONE #	1-800-424-9300
CHEMICAL NAME:	CHEMICAL FAMILY:	CHEMICAL FORMULA:	
PRODUCT CODE: 1FER005	PRODUCT SIZE: 100 mL	MATERIAL NAME IDENTIFIER: Ferroforte (Iron Dextran 20%)	

SECTION 2 – HAZARDOUS INGREDIENTS			
HAZARDOUS INGREDIENTS	% (W/W)	CAS NUMBER	PRODUCT IDENTIFICATION NUMBER (PIN)

SECTION 3 – PHYSICAL DATA			
PHYSICAL STATE: Brown liquid	ODOUR AND APPEARANCE: Slight phenolic smell	ODOUR THRESHOLD (ppm):	
VAPOUR PRESSURE (mm Hg):	VAPOUR DENSITY (Air = 1):	EVAPORATION RATE (Ether = 1):	
BOILING POINT (DEG.C): 100°	FREEZING POINT (DEG. C): 0°	CRITICAL TEMPERATURE:	
pH (100%): 5.2 to 6.5	SPECIFIC GRAVITY (H <sub>2</sub> O = 1): 1.30 to 1.35	SOLUBILITY IN WATER: Complete	COEFF: WATER/OIL DIST.:

SECTION 4 – FIRE AND EXPLOSION DATA	
FLAMMABLE: IF YES, UNDER WHICH CONDITIONS: N/A	
MEANS OF EXTINCTION: CO <sub>2</sub> , Dry Chemical or Foam	
SPECIAL PROCEDURES: Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.	
FLASHPOINT (Deg. C) AND METHOD: N/A	T.D.G. FLAM. CLASS: Not required
AUTOIGNITION TEMPERATURE (DEG. C): N/A	HAZARDOUS COMBUSTION PRODUCTS: None known
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known	SENSITIVITY TO STATIC DISCHARGE: Not affected by static
DISCHARGE Sensitivity to Impact: No; Rating of Burning: N/A; Explosive Power: NA	

<b>SECTION 5 – REACTIVITY DATA</b>	
CHEMICAL STABILITY – (IF NO, UNDER WHICH CONDITIONS?) Stable	
INCOMPATIBILITY WITH OTHER SUBSTANCES (IF YES, WHICH ONES?) Mixing with any other chemical should be avoided or discussed first with supplier.	
REACTIVITY, AND UNDER WHAT CONDITIONS? Avoid excessive heat, open flames and all ignition sources.	
HAZARDOUS DECOMPOSITION PRODUCTS: None known	
HAZARDOUS POLYMERIZATION: N/A	

<b>SECTION 6 – TOXICOLOGICAL PROPERTIES</b>	
ROUTE OF ENTRY:	
Skin Contact: Little known effect	Skin Absorption: Little known effect      Eye Contact: ( )
Inhalation: Can cause irritation to lungs	Ingestion: May cause irritation.
EFFECTS OF ACUTE EXPOSURE TO MATERIAL: None known	
EFFECTS OF CHRONIC EXPOSURE: None known	
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Lung infections or breathing problems may be affected.	
LD 50 OF MATERIAL: 2.24 G Fe/kg in mice (Iron Dextran 5%)	
IRRITANCY: Skin: Respiratory Tract Sensitization:	
Sensitizing Capability:	Carcinogenicity: Listed as carcinogen by EPA in December 1981
Reproductive Effects: Not known	Environmental Toxicity: Not known

<b>SECTION 7 – PREVENTATIVE MEASURES</b>		
PERSONAL PROTECTIVE EQUIPMENT:		
GLOVES (Specify): Butyl rubber gloves.	RESPIRATOR (Specify): Generally not required.	EYES (Specify): Chemical safety goggles.
FOOTWEAR(Specify): Safety boots.	CLOTHING (Specify): Normal protective overalls.	OTHER (Specify): Safety Showers and Eye Wash Stations
ENGINEERING CONTROLS: Exhaust equipment is recommended over the work area with make up air to balance air exhausted.		
LEAK AND SPILL PROCEDURES: Use absorbent material to collect and contain for salvage or disposal according to local laws.		
WASTE DISPOSAL: All local, provincial and federal regulations concerning health and pollution must be reviewed to determine the approved disposal procedures.		
STORAGE AND HANDLING REQUIREMENTS: Maintain good personal hygiene, any gross amount of chemical should be removed from the skin as soon as possible, especially before eating or smoking. Store in a cool dry place away from heat and ignition sources.		

<b>SECTION 8 – FIRST AID MEASURES</b>	
Eyes:	Flush eyes with large amounts of water for at least 15 minutes. Hold the eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Obtain immediate medical attention.
Skin:	Wipe off and flush with water.
Ingestion:	Do not take internally. Rinse mouth with large amounts of water. Seek medical help.
Inhalation:	Remove victim from further exposure and restore breathing, if required.

<b>SECTION 9 – PREPARATION DATA</b>			
DATE:		TELEPHONE NUMBER:	519-654-8000
DATE UPDATED:	July 2006, 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.