

Product Identifier: FLUNAZINE

DIN #: 02210510

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
HAZARD RATING: Health: 1 Slight Fire: 1 Slight Reactivity: 0 Negligible	SPECIAL HAZARDS: Analgesic/Anti-Inflammatory		
PRODUCT CODE: 1FLU001 1FLU002	PRODUCT SIZE: 50 mg/mL 50 mL 50 mg/mL 100 mL		

SECTION 2 – CHEMICAL COMPONENTS			
COMPONENT CAS NO.	% OF MIXTURE	OSHA PEL	ACGIH TLV
Flunixin Meglumine 42461-84-7	8.9	None	None
Propylene Glycol 57-55-6	21.8	None	None

SECTION 3 – PHYSICAL DATA			
PHYSICAL STATE:	ODOUR AND APPEARANCE: A clear straw to light yellow coloured solution.	ODOUR THRESHOLD (ppm):	
VAPOUR PRESSURE (mm Hg): N/A	VAPOUR DENSITY (Air = 1):	PERCENT VOLATILES: N/A	
BOILING POINT (DEG.C): N/A	MELTING POINT (DEG. C): N/A	EVAPORATION RATE: N/A	
pH (100%):	SPECIFIC GRAVITY (H2O = 1): N/A	SOLUBILITY IN WATER: N/A	COEFF: WATER/OIL DIST.::

SECTION 4 – FIRE AND EXPLOSION DATA		
FIRE AND EXPLOSION HAZARDS: Under normal conditions of use this material does not present a significant fire or explosion hazard.		
MEANS OF EXTINCTION: CO2, dry chemical, water, water spray.		
SPECIAL FIRE FIGHTING INSTRUCTIONS: Fight fire from a safe distance or protected location. Use water spray to keep containers and equipment cool. Wear full protective equipment including self-contained breathing apparatus.		
FLASHPOINT (Deg. C) AND METHOD: N/A	UPPER FLAMMABLE LIMIT (% BY VOLUME): N/A	LOWER FLAMMABLE LIMIT (% BY VOLUME): N/A
AUTOIGNITION TEMPERATURE (DEG. C): N/A	HAZARDOUS COMBUSTION PRODUCTS:	
SENSITIVITY TO IMPACT:	SENSITIVITY TO STATIC DISCHARGE:	

SECTION 5 – REACTIVITY DATA	
STABILITY: Stable.	
CONDITIONS TO AVOID (STABILITY): Avoid open flame and high temperatures.	
HAZARDOUS DECOMPOSITION PRODUCTS: CO & CO2.	
HAZARDOUS POLYMERIZATION: Will not occur.	

SECTION 6 – TOXICOLOGICAL PROPERTIES	
EXPOSURE AND EFFECTS: INHALATION: This product contains materials at greater than one percent which, if undiluted, have the following health effects upon inhalation: Irritation of the respiratory tract and mucous membranes. Prolonged inhalation may produce pulmonary edema. May cause CNS depression, nausea, headache and vomiting. FIRST AID: Remove from exposure. If breathing is feeble or ceases, give cardiopulmonary resuscitation. Obtain medical attention.	
SKIN: This product contains materials at greater than one percent which, if undiluted, have the following health effects upon skin contact. May cause skin irritation. FIRST AID: Remove contaminated clothing. Thoroughly wash exposed area with soap and water. Obtain medical attention.	
EYES: This product contains materials at greater than one percent which, if undiluted, have the following health effects upon eye contact: Irritating to the eyes and mucous membranes. FIRST AID: Flush with water for at least 15 minutes. Obtain medical attention.	
INGESTION: This product contains materials at greater than one percent which, if undiluted, have the following health effects upon ingestion: May cause gastrointestinal disturbances, nausea, headache, vomiting and CNS depression. FIRST AID: Give copious amounts of water and induce vomiting, if conscious. Obtain medical attention.	
MISCELLANEOUS TOXICOLOGICAL INFORMATION: LD 50 oral (rats) = 120 mg/kg. Flunixin meglumine is of moderate to high toxicity via the oral route. It is an eye irritant and most likely will also produce irritation of mucous membranes and the upper respiratory tract. It produces slight reversible dermal irritation in test animals. A high degree of toxicity is indicated via the inhalation route in rats.	
HEALTH CONDITIONS AGGRAVATED BY EXPOSURE: May cause sensitization	

SECTION 7 – PREVENTATIVE MEASURES		
PERSONAL PROTECTIVE EQUIPMENT:		
GLOVES (Specify):	RESPIRATOR (Specify):	EYES (Specify):
FOOTWEAR(Specify):	CLOTHING (Specify):	OTHER (Specify):
ENGINEERING CONTROLS:		
LEAK AND SPILL PROCEDURES: Squeegee, sweep, scoop, or vacuum up spill. Minimize contact with spilled material. Keep other personnel away from the clean up area. Wear appropriate respiratory protection and protective clothing in the spill area. Notify your supervisor immediately. Clean area with a wet mop. Dispose of spilled material and clean up materials as given in Waste Disposal Methods below.		
WASTE DISPOSAL: While not a hazardous waste, material should be disposed of in an environmentally sound manner. Incineration is the preferred disposal method.		
STORAGE AND HANDLING REQUIREMENTS: Store in a cool, dry, well ventilated area.		

SECTION 8 – SPECIAL PROTECTIVE MEASURES	
Ventilation:	Provide adequate local exhaust ventilation when handling bulk material.
Eye Protection:	Splash goggles/safety glasses when handling bulk material.
Skin Protection:	Gloves - Latex or better and lab coat or uniform when handling bulk material.
Respiratory Protection:	None usually required. Use a half-mask respirator with HEPA cartridges for the material in bulk.
Work/Hygienic Practices:	Train employees concerning hazards and precautions. Provide adequate local exhaust ventilation. Wash hands and forearms after each use. Use indicated protective equipment while handling. Change respirator cartridges after four hours of continuous use or upon detection of an increase in breathing resistance or eye or nasal irritation.

SECTION 9 – PREPARATION DATA			
DATE:		TELEPHONE NUMBER:	519-654-8000
DATE UPDATED:	August 2002, December 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.