

Product Identifier:  EUTHANYL STANDARD

DIN #: 00141704

### 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: Sodium Pentobarbital	CHEMICAL FAMILY:	CHEMICAL FORMULA: Mixture	
PRODUCT CODE #: 1EUS001P	PRODUCT SIZE: 250 MI	PRODUCT USE: Anesthetic, Euthanasia	

SECTION 2 – HAZARDOUS INGREDIENTS			
HAZARDOUS INGREDIENTS	% (W/W)	CAS NUMBER	PRODUCT IDENTIFICATION NUMBER (PIN)
Sodium Pentobarbital	24%	57-33-0	
Isopropyl Alcohol	20%	67-63-0	

SECTION 3 – PHYSICAL DATA			
PHYSICAL STATE: Liquid	ODOUR AND APPEARANCE: Clear, alcoholic odour	ODOUR THRESHOLD (ppm):	
VAPOUR PRESSURE (mm Hg): n.est	VAPOUR DENSITY (Air = 1): n.est	EVAPORATION RATE (Ether = 1): n.est	
BOILING POINT (DEG.C): n.est	FREEZING POINT (DEG. C): n.est	CRITICAL TEMPERATURE:	
pH (100%): 12.2	SPECIFIC GRAVITY (H2O = 1): 1.033	SOLUBILITY IN WATER: Miscible	DENSITY (g/m): 1.03

SECTION 4 – FIRE AND EXPLOSION DATA		
FLAMMABLE: Yes — Combustible		
IF YES, UNDER WHICH CONDITIONS:		
MEANS OF EXTINCTION: CO2, Foam, Dry Chemical		
SPECIAL PROCEDURES: Evacuate confined areas. Use self-contained breathing apparatus.		
FLASHPOINT (Deg. C) AND METHOD: n.est	UPPER FLAMMABLE LIMIT (% BY VOLUME): n.est	LOWER FLAMMABLE LIMIT (% BY VOLUME): n.est
AUTOIGNITION TEMPERATURE (DEG. C): n.est	HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon	
SENSITIVITY TO IMPACT: None	SENSITIVITY TO STATIC DISCHARGE: Very slight.	

SECTION 5 – REACTIVITY DATA	
CHEMICAL STABILITY – (IF NO, UNDER WHICH CONDITIONS?) Yes	
INCOMPATIBILITY WITH OTHER SUBSTANCES (IF YES, WHICH ONES?) Yes — Acids, acid salts and chloral hydrate.	
REACTIVITY, AND UNDER WHAT CONDITIONS?	
HAZARDOUS DECOMPOSITION PRODUCTS:	

SECTION 6 – TOXICOLOGICAL PROPERTIES		
ROUTE OF ENTRY:		
Skin Contact:	Skin Contact:	Eye Contact: Yes
Inhalation Acute: Yes	Inhalation Chronic:	Ingestion: <b>YES</b>
EFFECTS OF ACUTE EXPOSURE TO MATERIAL: Sleepiness, mental confusion, respiratory depression, flaccid muscles, hypotension, cyanosis, hypothermia and coma. Slight eye and skin irritant.		
INHALATION: INGESTION:		
EFFECTS OF CHRONIC EXPOSURE: (SPECIFY SPECIES AND ROUTE): n.est	C N S effects. Withdrawal symptoms. LD <sub>50</sub> of Product (Specify Species) – LC <sub>50</sub> of Product Specify Species) – 10 mg/m <sup>3</sup>	EXPOSURE LIMITS (ACGIH TLV'S): n.est
Sodium Pentobarbital Isopropyl Alcohol	LD <sub>50</sub> LC <sub>50</sub> 02 g/kg rat, oral 4.42 g/kg rat, oral	1 mg/m <sup>3</sup> 980 mg/m <sup>3</sup>
IRRITANCY: Slight eye, skin. Respiratory Tract Sensitization: .		
Sensitizing Capability: None	Carcinogenicity: None known	
Reproductive Effects: None known	Synergistic Materials: None	

SECTION 7 – PREVENTATIVE MEASURES		
PERSONAL PROTECTIVE EQUIPMENT: Only necessary in case of spills.		
GLOVES (Specify): Non Permeable	RESPIRATOR (Specify): Dual Cartridge Organic Vapour	EYES (Specify): Safety Glasses
FOOTWEAR(Specify):	CLOTHING (Specify):	OTHER (Specify):
ENGINEERING CONTROLS: General		
LEAK AND SPILL PROCEDURES: Recover on absorbent material. Sweep up and flush contaminated area with water.		
WASTE DISPOSAL: Use approved incineration. Follow local regulations.		
STORAGE AND HANDLING REQUIREMENTS: Store in tightly closed container.		

<b>SECTION 8 – FIRST AID MEASURES</b>	
Eyes:	Flush with lukewarm water for 20 minutes. Seek medical attention if irritation persists.
Skin:	Flush with water. Wash with soap and water.
Ingestion:	Give two glasses of water and induce vomiting. Seek immediate medical attention.
Inhalation:	Monitor respiration. Perform artificial respiration if required. Seek immediate medical attention.
General Advise:	For Veterinary use only. Follow therapeutic use and dosage.

<b>SECTION 9 – PREPARATION DATA</b>			
DATE:	March 13, 1989	TELEPHONE NUMBER:	519-654-8000
DATE UPDATED:	November 1998, October 2001, October 2005, June 2008, August 2009, August 2010		
SPECIAL SHIPPING INFORMATION: Not regulated. Medicines N.O.S. Class 6.1 Pkg. Gr.I			

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