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 FAMILY: | Nutritional Supplement | CHEMICAL FORMULA: | N/A Chemical Mixture | | |
| CHEMICAL NAME AND SYNONYMS: Amino Acids, Electrolytes, Vitamins, Dextrose in H2O | | | | | |
| PRODUCT CODE: 1AMI001 1AMI002 | | PRODUCT SIZE: 500 mL 950 mL | | | |

| SECTION 2 – HAZARDOUS INGREDIENTS | | | | |
|---|--|--|--|--|
| HAZARDOUS INGREDIENTS % (W/W) CAS NUMBER PRODUCT IDENTIFICATION NUMBER (PIN) NUMBER (PIN) | | | | |
| N/A | | | | |

| SECTION 3 – PHYSICAL DATA | | | | | |
|-----------------------------|-------|----------------------------------|--|-------------------------------|-------------------------|
| PHYSICAL STATE: | | ODOUR AND APPEARANCE: | | ODOUR THRESHOLD (ppm): | |
| | | Clear, colourless to pale yellow | | | |
| | | solution / faint sour to none | | | |
| VAPOUR PRESSURE (mm Hg): | | VAPOUR DENSITY (Air = 1): | | EVAPORATION RATE (Ether = 1): | |
| N/A | | N/A | | | |
| BOILING POINT (DEG.C): | | FREEZING POINT (DEG. C): | | CRITICAL TEMPERATURE: | |
| 100 deg C | | | | | |
| pH (100%): SPECIFIC GRAVITY | | C GRAVITY (H2O = 1): | GRAVITY (H2O = 1): SOLUBIITY IN WATER: | | COEFF: WATER/OIL DIST.: |
| | 1.019 | | Miscible | | |

| SECTION 4 – FIRE AND EXPLOSION DATA | | | | |
|-------------------------------------|--------------------|----------------------------------|-----------------------|--|
| FLAMMABLE: | | | | |
| IF YES, UNDER WHICH CONDITIONS: | | | | |
| MEANS OF EXTINCTION: | | | | |
| SPECIAL PROCEDURES: | | | | |
| FLASHPOINT (Deg. C) AND METHOD: | UPPER FLAMMABLE LI | IMIT | LOWER FLAMMABLE LIMIT | |
| | (% BY VOLUME): | | (% BY VOLUME): | |
| N/A | N/A N/A | | | |
| AUTOIGNITION TEMPERATURE (DEG. C): | | HAZARDOUS COMBUSTION PRODUCTS: | | |
| | | | | |
| SENSITIVITY TO IMPACT: | | SENSITIVITY TO STATIC DISCHARGE: | | |
| | | | | |

| SECTION 5 – REACTIVITY DATA |
|---|
| CHEMICAL STABILITY – (IF NO, UNDER WHICH CONDITIONS?) |
| Stable |
| INCOMPATIBILITY WITH OTHER SUBSTANCES (IF YES, WHICH ONES?) |
| None Known |
| REACTIVITY, AND UNDER WHAT CONDITIONS? |
| |
| HAZARDOUS DECOMPOSITION PRODUCTS: |
| None Known |

| SECTION 6 – TOXICOLOGICAL PROPERTIES | | | | | |
|--|------------------|---------------------|--------------------------------|--|--|
| ROUTE OF ENTRY: | | | | | |
| Skin Contact: $()$ | Skin Absorption: | () | Eye Contact: $()$ | | |
| Inhalation Acute: () | Inhalation Chron | ic: () | Ingestion: $()$ | | |
| EFFECTS OF ACUTE EXPOSURE TO M | ATERIAL: | | | | |
| INHALATION: Shortness of breath INGESTION: Nausea, vomiting | | | | | |
| EFFECTS OF CHRONIC EXPOSURE: | | | | | |
| (SPECIFY SPECIES AND ROUTE): | | | EXPOSURE LIMITS (ACGIH TLV'S): | | |
| LD ₅₀ | | LC ₅₀ | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| IRRITANCY: | | | | | |
| Skin: | | | | | |
| Respiratory Tract Sensitization: | | | | | |
| Sensitizing Capability: | | cinogenicity: | | | |
| Reproductive Effects: | Syn | ergistic Materials: | | | |

| SECTION 7 – PREVENTATIVE MEASURES | | | | | |
|--|------------------------|------------------|--|--|--|
| PERSONAL PROTECTIVE EQUIPMENT: | | | | | |
| GLOVES (Specify): | RESPIRATOR (Specify): | EYES (Specify): | | | |
| If desired | None normally required | Yes | | | |
| FOOTWEAR(Specify): | CLOTHING (Specify): | OTHER (Specify): | | | |
| | | N/A | | | |
| ENGINEERING CONTROLS: | | | | | |
| LEAK AND SPILL PROCEDURES: Flush to drain using plenty of water | | | | | |
| WASTE DISPOSAL: As per local, provincial and federal regulations | | | | | |
| STORAGE AND HANDLING REQUIREMENTS: | | | | | |

| SECTION 8 – FIRST AID MEASURES | | | |
|--------------------------------|--|--|--|
| Eyes: | Flush eyes with water for 15 minutes. Seek medical attention if irritation persists. | | |
| Skin: | Wash with soap and water. Seek medical attention if irritation persists. | | |
| Ingestion: | Induce vomiting if victim is conscious. (Never induce vomiting on an unconscious person.) Seek medical attention if adverse reactions occur. | | |
| | | | |
| Inhalation: | Remove victim to fresh air. Apply artificial respiration if needed. | | |

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