Product Identifier: STERILE WATER (FOR INJECTION) DIN #: 00715697

MATERIAL SAFETY DATA SHEET

| SECTION 1 – PRODUCT IDENTIFICATION AND USE | | | | | |
|---|---------------------|---------------------------------------|-----------------|--------------|-------------------------------|
| MANUFACTURER'S NAME: | BIMEDA-N | TC ANIMAL HEALTH INC. | SUPPLIEF | R'S NAME: | BIMEDA-MTC ANIMAL HEALTH INC. |
| STREET ADDRESS: | 420 BEAVERDALE ROAD | | STREET ADDRESS: | | 420 BEAVERDALE ROAD |
| CITY AND PROVINCE: | CAMBRID | GE, ONTARIO | CITY AND | PROVINCE: | CAMBRIDGE, ONTARIO |
| POSTAL CODE: | N3C 2W4 | | POSTAL (| CODE: | N3C 2W4 |
| TELEPHONE # | 519-654-8 | 000 | TELEPHO | NE # | 519-654-8000 |
| EMERGENCY RESPONSE: | CHEMTRE | C | TELEPHO | NE# | 1-800-424-9300 |
| CHEMICAL NAME: | | CHEMICAL FAMILY: | | CHEMICAL FOR | RMULA: |
| PRODUCT CODE: 1STE015 1STE017 1STE021 | | PRODUCT SIZE: 1 L 250 mL 500 mL | | PRODUCT USE | : Veterinary Pharmaceutical |

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

| SECTION 3 – PHYSICAL DATA | | | | | | |
|---------------------------|--------------------------|--------------------------|---------------------------|------------------------|-------------------------|--|
| PHYSICAL STATE: | | ODOUR AND APPEARANCE: | | ODOUR THRESHOLD (ppm): | | |
| Liquid | | Clear colourless | | N/A | | |
| VAPOUR PRESSURE (mm Hg): | VAPOUR PRESSURE (mm Hg): | | VAPOUR DENSITY (Air = 1): | | VISCOSITY | |
| | | N/A | | Water thin | | |
| BOILING POINT (DEG.C): | | FREEZING POINT (DEG. C): | | CRITICAL TEMPERATURE: | | |
| 100 deg | | | | | | |
| pH (100%): | SPECIFIC | C GRAVITY (H2O = 1): | SOLUBIITY IN W | ATER: | COEFF: WATER/OIL DIST.: | |
| 5.0 – 7.5 | 1.0 | | Soluble | | | |

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

Product Identifier: STERILE WATER (FOR INJECTION) DIN #: 00715697

| SECTION 5 – REACTIVITY DATA |
|---|
| CHEMICAL STABILITY – (IF NO, UNDER WHICH CONDITIONS?) |
| 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 PROPE | RTIES | | |
|--|--------------------------------------|--------------------------------|--|
| ROUTE OF ENTRY: | | | |
| Skin Contact: () Skin Abso | orption: () | Eye Contact: () | |
| Inhalation Acute: () Inhalation | n Chronic: () | Ingestion: () | |
| EFFECTS OF ACUTE EXPOSURE TO MATERIAL: N/A | 1 | | |
| | | | |
| INHALATION: No | | | |
| INGESTION: No | | | |
| EFFECTS OF CHRONIC EXPOSURE: N/A | | | |
| (SPECIFY SPECIES AND ROUTE): | | EXPOSURE LIMITS (ACGIH TLV'S): | |
| LD ₅₀ | LC ₅₀ | | |
| | | | |
| | | | |
| | | | |
| | | | |
| IRRITANCY: None | | | |
| Skin: | | | |
| Respiratory Tract Sensitization: No Data Available | | | |
| Sensitizing Capability: | Carcinogenicity: N | on Hazardous by WHMIS Criteria | |
| Reproductive Effects: Insufficient Data | Synergistic Materials: Not available | | |

| SECTION 7 – PREVENTATIVE MEASURES | | | | | |
|---|--|---------------------------------------|--|--|--|
| PERSONAL PROTECTIVE EQUIPMENT: | PERSONAL PROTECTIVE EQUIPMENT: | | | | |
| GLOVES (Specify): | RESPIRATOR (Specify): | EYES (Specify): | | | |
| Not required | Not normally required if good | Under normal conditions not required. | | | |
| | ventilation is maintained and exposure | | | | |
| | guidelines are not exceeded. | | | | |
| FOOTWEAR(Specify): | CLOTHING (Specify): | OTHER (Specify): | | | |
| | | | | | |
| 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. | | | | | |

Product Identifier: STERILE WATER (FOR INJECTION) DIN #: 00715697

| SECTION | 8 – FIRST AID MEASURES |
|-------------|---|
| Eyes: | Immediately flush with water for 15 minutes. |
| Skin: | Flush with water. Call a doctor if irritation develops. |
| Ingestion: | Rinse mouth with water, then drink one glass of water. 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 – PREPARATION DATA | | | | | |
|------------------------------|--|-------------------|--------------|--|--|
| DATE: | September 28, 1998 | TELEPHONE NUMBER: | 519-654-8000 | | |
| DATE UPDATED: | August 2002, 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.