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| <br><b>AZER SCIENTIFIC</b>              |  | <b>24 Hour Emergency</b><br><b>CHEMTREC Telephone Number</b><br><b>1-800-424-9300</b> |  |
|  |  | <b>Material Safety Data Sheet</b><br>Date Updated: 7/13/2009<br>Version 2.0           |  |
| <b>SECTION 1 – PRODUCT &amp; COMPANY INFORMATION</b>   |  |   |  |
| Product Name:  | Level 3 Alkalosis<br>Aqueous Blood Gas/ISE Control   | Company:  | <b>Azer Scientific</b>                                   |
| Catalog Number:  | ES-1008A   | Street Address:   | <b>189 Twin County Road<br/>Morgantown, PA 19543 USA</b> |
|  |  | Telephone / Fax:  | <b>610-524-5810 • 610-901-3046</b>                       |
| <b>SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENT</b>   |  |   |  |
| Chemical Family: Salt water solutions  |  | Chemical Name: N/A  |  |
| Component  | CAS Number   | Concentration Ranges  | EEC Symbol / Risk Phrases                                |
| Contains no hazardous ingredients with concentration greater than 1% or carcinogens with concentration greater than 0.1% |  |   |  |
| <b>SECTION 3 – HAZARDS IDENTIFICATION</b>  |  |   |  |
| Eye Contact:   | May cause irritation.  | Inhalation:   | N/A  |
| Skin Contact:  | May cause irritation.  | Chronic Exposure:   | N/A  |
| Ingestion:   | May cause vomiting.  |   |  |
| <b>SECTION 4 – FIRST AID MEASURES</b>  |  |   |  |
| Eye Contact:   | In case of contact, immediately flush eyes with water for at least 15 minutes.   |   |  |
| Skin Contact:  | In case of contact, immediately wash skin with soap and copious amounts of water.  |   |  |
| Ingestion:   | If swallowed, wash out mouth with water. Call a physician.   |   |  |
| Inhalation:  | N/A  |   |  |
| Chronic Exposure:  | N/A  |   |  |
| <b>SECTION 5 – FIREFIGHTING MEASURES</b>   |  |   |  |
| Autoflammability:  | Not determined.  |   |  |
| Extinguishing Media:   | Use fire-extinguishing media appropriate for site conditions.  |   |  |
| Firefighting Gear:   | Self-contained breathing apparatus and protective clothing should be sufficient.   |   |  |
| Specific Hazards:  | Thermal decomposition may emit toxic fumes.  |   |  |
| <b>SECTION 6 – ACCIDENTAL RELEASE MEASURES</b>   |  |   |  |
| Spill & Leak Procedure:  | Use an absorbent material to contain / pick up solution. Place all contaminated disposables into a suitable container. Seal, label, and hold for disposal. |   |  |
| Protective Gear:   | Chemical safety goggles and rubber gloves should be sufficient.  |   |  |
| <b>SECTION 7 – HANDLING &amp; STORAGE</b>  |  |   |  |
| Storage Temperature:   | Store materials as directed in the package insert.   |   |  |
| Handling Guidance:   | Handle and store materials as directed in the package insert.  |   |  |
| <b>SECTION 8 – EXPOSURE CONTROLS &amp; PERSONAL PROTECTION</b>   |  |   |  |
| Ventilation Guidelines:  | Supplemental ventilation is not necessary with normal use of product.  |   |  |
| Respiratory Protection   | Respiratory protection is not necessary with normal use of product.  |   |  |
| Hand Protection:   | Compatible chemical-resistant gloves should be sufficient.   |   |  |

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| Eye-Protection:   | Chemical safety goggles should be sufficient.                              |                            |           |
| Hygienic Procedure:   | After handling, wash hands thoroughly with soap and water.                 |                            |           |
| Special Procedures:   | N/A  |                            |           |
| <b>SECTION 9 – PHYSICAL &amp; CHEMICAL PROPERTIES</b>   |  |                            |           |
| Pure or Compound:   | Compound   | Physical Form:             | Liquid    |
| Appearance / Odor:  | Aqueous Salt Buffers   | Water Solubility:          | Complete  |
| Odor Threshold:   | N/A  | Boiling Point:             | N/A       |
| M. Point / F. Point:  | N/A  | Relative Density:          | N/A       |
| Oxidizing Properties:   | N/A  | Viscosity:                 | N/A       |
| Partition Coefficient:  | N/A  | Volatiles:                 | N/A       |
| Autoflammability:   | N/A  | Vapor Pressure:            | N/A       |
| Vapor Density:  | N/A  | Flash Point:               | N/A       |
| Evaporation Rate:   | N/A  |                            |           |
| Volatile%:  | N/A  |                            |           |
| <b>SECTION 10 – STABILITY &amp; REACTIVITY</b>  |  |                            |           |
| Stability:  | Stable   |                            |           |
| Materials to Avoid:   | Strong bases, strong acids, and other water reactive materials.            |                            |           |
| Hazardous Decomposition:  | Thermal decomposition may emit toxic fumes.                                |                            |           |
| <b>SECTION 11 – TOXICOLOGICAL INFORMATION</b>   |  |                            |           |
| Route of Entry: Ingestion, skin, and / or eye contact.  |  |                            |           |
| Carcinogenicity:  | None   | Effects of Acute Exposure: | Not Known |
| Effects of Chronic Exposure:  | Not Known  | Target Organs:             | Not Known |
| Special Health Effects:   | Not Known  |                            |           |
| <b>SECTION 12 – ECOLOGICAL INFORMATION</b>  |  |                            |           |
| Biodegradability:   | Not Known  | Ecological Toxicity:       | Not Known |
| Environmental Effects:  | Not Known  | Aqua Toxicity:             | Not Known |
| <b>SECTION 13 – DISPOSAL CONSIDERATIONS</b>   |  |                            |           |
| Waste Disposal:   | Please consult local, state, and federal regulators for disposal guidance. |                            |           |
| Empty Container Warnings:   | Not Known  |                            |           |
| <b>SECTION 14 – TRANSPORT INFORMATION</b>   |  |                            |           |
| Transport Guidance:   | This substance is considered non-hazardous for ground and air transport.   |                            |           |
| <b>SECTION 15 – REGULATORY INFORMATION</b>  |  |                            |           |
| EEC Classification:   | N/A  |                            |           |
| Risk Phrases:   | Not Known  |                            |           |
| Safety Phrases:   | Not Known  |                            |           |
| <b>SECTION 16 – OTHER INFORMATION</b>   |  |                            |           |
| <b>Disclaimer &amp; Warranty:</b> These products are intended for in vitro diagnostics use only, and not for drug, household, or other uses. The above information, data, and recommendations are believed to be correct (after reasonable investigation and research); however, Ever Scientific cannot fully guarantee their accuracy. This document does not purport to be all inclusive, and should only be consulted as a guide. Ever Scientific disclaims all responsibility for any damage resulting from handling or use of above product. |  |                            |           |