

## MATERIAL SAFETY DATA SHEET

### Section 1 Company and Product Identification

**Product Name:** Therapeutic Drug Monitoring (TDM) Control

**Level:** 1

**Part Number:** K068M-6

**Series Name:** MicroFD MicroControls

**Manufacturer:** Audit MicroControls, Inc.  
3540 West Sahara Avenue, #086  
Las Vegas, NV 89102-5816 U.S.A.

**Distributor and  
Emergency Phone No.:** 866-252-8348

### Section 2 Composition and Information on Ingredients

**Hazardous  
Ingredients:** None

### Section 3 Hazards Identification

**Emergency  
Overview:** White, non-flammable, freeze-dried powder.  
Does not meet EU, OSHA or WHMIS criteria for hazardous materials.  
Contains anti-microbial materials that could be toxic in large doses.  
Contains material of human origin.

**Physical Hazards:** Sodium azide forms explosive compounds with heavy metals. Repeated contact of low concentrations of azide with lead and copper commonly found in plumbing drains may result in the build up of shock sensitive compounds.

**Potential Health:** None

**Effects Summary:** This product does not meet EU, OSHA or WHMIS criteria for hazardous materials. However, it does contain material of human origin and should be considered potentially infectious.

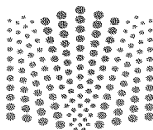
**Product Hazard:** Not Known

**Classifications:** Not applicable

**EU:** Not applicable

**WHMIS:** Exempt

**US OSHA:** Not applicable



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### Section 4 First Aid Measures

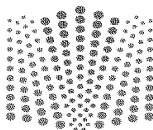
- Inhalation:** When powder is reconstituted, if solution becomes aerosolized and inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately and obtain medical attention.
- Eye Contact:** When powder is reconstituted, if product is splashed in eyes, wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open. If pain or irritation occurs, obtain medical attention.
- Skin Contact:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Then gently wash skin with soap and water; rinse well. If product contacted broken skin, soak the wound area with a 1:10 dilution of fresh household bleach for 10 minutes. Rinse with water to remove residual bleach. (Remove contaminated clothing and disinfect with a 1:10 dilution of fresh household bleach.) Obtain medical attention.
- Ingestion:** If ingested, wash out mouth with water. Call a physician.

### Section 5 Fire Fighting Measures

- Flash Point:** Not applicable
- Flammable Limits:** Not applicable
- Auto-ignition Temperature:** Not available
- Extinguishing Media:** Use extinguishing media suitable for surrounding fire.
- Special Fire and Explosion Hazards:** No special hazards determined.
- Hazardous Combustion Products:** Due to the composition and volume of this product, combustion products generated from it are not expected to present a significant hazard.
- Protective Equipment for Firefighters:** Self-contained breathing apparatus is recommended for firefighters.

### Section 6 Accidental Release Measures

- Personal Precautions:** Use universal precautions during clean up procedures.
- Spill and Leak Procedures:** As a precautionary measure, treat spilled material with a 1:10 bleach/water solution. Absorb liquid and place in container suitable for disposal. Avoid generation of aerosols during clean up. Comply with applicable waste disposal regulations.
- Environmental Precautions:** Contain spill to prevent migration.



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### Section 7 Handling and Storage

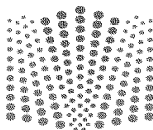
<b>Handling Precautions:</b>	This product should be handled as though capable of transmitting infectious diseases. Universal precautions should be followed when using this product.
<b>Recommended Storage Conditions:</b>	To maintain efficacy, store according to the instructions in the product labeling.

### Section 8 Exposure Controls and Personal Protection

<b>Exposure Limits:</b>	None established
<b>US OSHA:</b>	None established
<b>ACGIH:</b>	None established
<b>DFG MAK:</b>	None established
<b>Engineering Controls:</b>	Use in well-ventilated area.
<b>Respiratory Protection:</b>	Under normal conditions, the use of this product should not require respiratory protection. If overexposure should occur and ventilation is not adequate to maintain airborne concentrations at acceptable levels, the use of respiratory protection should be evaluated by a qualified professional.
<b>Eye Protection:</b>	Safety glasses or chemical goggles should be worn to prevent eye contact.
<b>Skin Protection:</b>	Impervious gloves, such as latex or equivalent, should be worn to prevent skin contact.

### Section 9 Physical and Chemical Properties

<b>Physical State:</b>	Freeze-dried powder
<b>Color:</b>	White
<b>Transparency:</b>	Opaque
<b>Odor:</b>	None
<b>Odor Threshold:</b>	Not applicable
<b>pH:</b>	6.9 to 7.3
<b>Boiling Point:</b>	Not available, 212° C
<b>Melting Point:</b>	Not available, 0° C
<b>Specific Gravity:</b>	Not available
<b>Vapor Pressure:</b>	Not available



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### Section 9 Physical and Chemical Properties (continued)

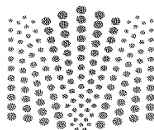
<b>Vapor Density:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Percent Volatiles:</b>	Not applicable
<b>Solubility Water:</b>	Miscible
<b>Organic:</b>	Not available
<b>Coefficient of Water/Oil Distribution:</b>	Not available

### Section 10 Stability and Reactivity

<b>Stability:</b>	Stable under normal temperatures and pressures.
<b>Hazardous Incompatibilities:</b>	Metals and metallic compounds Sodium azide forms explosive compounds with heavy metals. Repeated contact of low concentrations of azide with lead and copper commonly found in plumbing drains may result in the build up of shock sensitive compounds.
<b>Hazardous Decomposition Products:</b>	When stored as labeled, no known hazardous decomposition products are formed during the shelf life of this product.
<b>Conditions to Avoid:</b>	Keep away from incompatible material.

### Section 11 Toxicological Information

<b>Toxicity Data for Hazardous Ingredients:</b>	Not applicable
<b>Primary Routes of Exposure:</b>	The most likely routes of exposure are skin and eye contact and inhalation; material may be absorbed through the skin, especially if skin is raw or damaged.
<b>Potential Effects of Acute Exposure:</b>	This product contains materials of human origin and should be considered as potentially capable of transmitting infectious diseases.
<b>Potential Effects of Chronic Exposure:</b>	Effects are similar to those for acute exposure.
<b>Symptoms of Overexposure:</b>	No specific symptoms identified.
<b>Carcinogenicity:</b>	No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 67/548/EEC Annex I.
<b>Other Effects:</b>	None identified.



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### Section 11 Toxicological Information (Continued)

**Conditions Aggravated by Exposure:** None identified.

### Section 12 Ecological Information

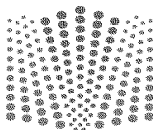
**Ecotoxicity:** No information available.  
**Biodegradability:** No information available.  
**Mobility:** No information available.

### Section 13 Disposal Considerations

**Waste Disposal:** Dispose of waste product, unused product and contaminated packaging in compliance with federal, state and local regulations. If unsure of the applicable requirements, contact the authorities for information. Sodium azide preservative may form explosive compounds in metal drain lines. See NIOSH Bulletin: Explosive Azide Hazard (8/16/76).

### Section 14 Transport Information

Transportation of this product is not regulated under ICAO, IATA, US DOT, European ADR or Canadian TDG.



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## Section 15 Regulatory Information

SARA 313 Sodium Azide is subject to reporting requirements of Section 313, Title III of SARA.

**CERCLA RG's, 40 CFR 302.4**

Sodium Hydroxide is listed.

Hydrochloric Acid is listed.

Sodium Azide is listed.

**California Proposition 65**

No ingredients listed

**Massachusetts MSL**

Sodium Hydroxide is listed.

Hydrochloric Acid is listed.

Sodium Azide is listed

**New Jersey Dept. of Health RTK List**

Sodium Hydroxide is listed.

Hydrochloric Acid is listed.

Sodium Azide is listed

**Pennsylvania RTK**

Sodium Hydroxide is listed.

Hydrochloric Acid is listed.

Sodium Azide is listed

**US Federal and  
State Regulations:**

**EU:** Dangerous Ingredients None

**Canada:** This product is exempt from WHMIS label and MSDS requirements.

**PIN:** Not applicable

**Ingredients on  
Ingredient Disclosure  
List:** Sodium Hydroxide  
Hydrochloric Acid

**Ingredients with unknown toxicological properties:**

Product is exempt

## Section 16 Other Information

For further information, please contact your local Audit MicroControls representative.

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