

## Globally Harmonized System (GHS) Safety Data Sheet (SDS)

### Section 1: Product Identification/Information

- a) **Product Name:** TRUE METRIX™ Glucose Control Solution – Levels 1, 2, and 3
- b) **Manufactured By:** Nipro Diagnostics, Inc., 2400 NW 55<sup>th</sup> Ct., Fort Lauderdale, FL 33309
- c) **Recommended Use:** Product is used in conjunction with TRUE METRIX glucose test strip and TRUE METRIX Meter to insure system is functioning properly.
- d) **Marketed By:** N/A
- e) **Telephone Number:** 954-677-9201

### Section 2: Hazard Identification

- a) **GHS classification of the substance/mixture and any national or regional information:** N/A
- b) **GHS label elements, including precautionary statements:** N/A
- c) **Other hazards which do not result in the classification:** No significant immediate hazards for emergency response are known.

### Section 3: Composition / Information on Ingredients

- a) **Chemical Identity:**
  - 1. Bottle: Polypropylene, Polyethylene
  - 2. Solution: Water, d-glucose, buffers, viscosity enhancing agents, salts, dyes, and preservatives
  - 3. Control Solution Box and Package Insert: Paper
- b) **Common name, synonyms:** None
- c) **CAS number and other unique identifiers:** N/A
- d) **Impurities and stabilizing additives which are themselves classified and which contribute to the classification of a substance:** N/A

### Section 4: Emergency First Aid Measures

- a) **Description of necessary measures, subdivided according to the different routes of exposure, i.e. inhalation, skin and eye contact and ingestion;**
  - 1. Eye: Flush with copious amounts of water
  - 2. Skin: Flush with water
  - 3. Ingestion: Contact physician
  - 4. Inhalation: Contact physician
- b) **Most important symptoms/effects, acute and delayed:** None
- c) **Indication of immediate medical attention and special treatment needed, if necessary:** None

## Section 5: Fire-fighting Measures

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- a) **Special Fire Fighting Procedures:** Use water spray to cool fire exposed surfaces and to protect personnel. Isolate “fuel” supply to fire. Extinguish the fire by cooling with water spray.
- b) **General Hazard:** Solid material may burn at or above the flashpoint. If thermally decomposed, flammable/toxic gases may be released. Toxic gases will form upon combustion. Hazardous combustion products may include and are not limited to: carbon monoxide, carbon dioxide.
  - 1. **Unusual Fire and Explosion Hazards:** None determined.
- c) **Special protective equipment and precautions for fire fighters:** Respiratory and eye protection required for fire fighting personnel.

## Section 6: Accidental Release Procedures

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- a) **Personal Precautions:** May be slipping hazard
- b) **Environmental Precautions:** Contain material to prevent contamination of soil, surface water and ground water
- c) **Methods and materials for containment and cleaning up:** Sweep up material and discard in proper container per Local, State and Federal Environmental Regulations.

## Section 7: Handling and Storage

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- a) **Precautions for safe handling:** None required
- b) **Storage:** Store at temperatures and conditions as indicated on the product label

## Section 8: Exposure Controls/Personal Protection

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- a) **Control parameters:** N/A
- b) **Appropriate engineering controls:** N/A
- c) **Individual protection measures:**
  - 1. **Ventilation:** Use general room ventilation
  - 2. **Respiratory Equipment:** None
  - 3. **Protective Gloves:** None
  - 4. **Eye Protection:** None
  - 5. **Other Protective Equipment/Clothing:** None

## Section 9: Physical and Chemical Properties

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- a) **Appearance:** Vial – Vial with desiccant liner, Test Strips – Plastic strip with reaction area
- b) **Odor:** N/A
- c) **Odor Threshold:** N/A
- d) **pH:** control solution 7.0 to 7.2
- e) **Melting/Freezing Point:** N/A
- f) **Boiling Point:** N/A
- g) **Flash Point (Method Used):** Vial - >450 Degrees F (estimated), Test Strips – N/A

- h) **Evaporation Rate:** N/A
  - i) **Flammability:** N/A
  - j) **Flammable Limits:** N/A
  - k) **Vapor Pressure:** N/A
  - l) **Vapor Density:** N/A
  - m) **Relative Density:** N/A
  - n) **Solubility in Water:** control solution is totally miscible
  - o) **Partition Coefficient:** N/A
  - p) **Auto-ignition temperature:** N/A
  - q) **Decomposition Temperature:** N/A
  - r) **Viscosity:** N/A
- Specific Gravity:** N/A

## Section 10: Stability and Reactivity

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- a) **Reactivity:** Avoid contact with strong acids and oxidizing materials
  - b) **Stability:** Stable
  - c) **Possibility of Hazardous Reactions:** Avoid putting water inside of vial, exothermic reaction will occur
  - d) **Conditions to Avoid:** Product can oxidize and decompose at elevated temperatures. Temperatures above 300 degrees F may cause product degradation and self-combustion
  - e) **Incompatible Materials:** Strong acids and Oxidizing materials
  - f) **Hazardous Decomposition Products:** Flammable hydrocarbons
- Hazardous Polymerization:** Will not occur.

## Section 11: Toxicological Information

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- a) **Chronic Effects of Overexposure:** None currently known
- b) **Carcinogen or Suspected Carcinogen:** None of the compounds present greater than 0.1% are listed as a carcinogen or suspected carcinogen
- c) **Medical Conditions Aggravated by Exposure:** None currently known
- d) **Acute Toxicity Values:** Not applicable

## Section 12: Ecological Information

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- a) **Ecotoxicity:** None have been determined.
- b) **Persistence and degradability:** None have been determined.
- c) **Bioaccumulative potential:** None have been determined.
- d) **Mobility in the soil:** None have been determined.
- e) **Other adverse effects:** None have been determined.

## Section 13: Disposal Considerations

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**Primary Container Type:** Bottle with 4 ml Control Solution

**Waste Disposal Method:** Each disposal facility must determine proper disposal methods to comply with Local, State, and Federal Environmental Regulations.

**Section 14: Transport Information**

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- a) **UN Number:** N/A
- b) **UN Shipping Name:** N/A
- c) **Transport Hazard Class/Classes:** N/A
- d) **Packing Group, if applicable:** N/A
- e) **Environmental Hazards:** None
- f) **Transport in Bulk:** N/A
- g) **Special Precautions, if applicable:** N/A

**Section 15: Regulatory Information**

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N/A

**Section 16: Other Information**

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N/A