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**MATERIAL SAFETY DATA SHEET**

**SECTION I • PRODUCT IDENTIFICATION**

|  |  |
|--|--|
| CATALOG NUMBER (S) 1440-01, 1440-02, 1440-04, 1442-61                              | EMERGENCY TELEPHONE NUMBER 800 624-8380      |
| CHEMICAL NAME AND SYNONYMS<br>Human urine  | DATE PREPARED/REVISED 04/11/03 REVISION • 06 |
| TRADE NAME AND SYNONYMS<br>Urine Dipstick Control<br>Dipper, Dropper, Dropper Plus |  |
| CHEMICAL FAMILY<br>Quality Control Materials                                       |  |

**SECTION II • COMPOSITION / HAZARDOUS INGREDIENTS**

This product does not contain any ingredients which have been determined to be health hazards pursuant to Federal OSHA and which comprise 1% or more (0.1% or more for carcinogens) of the mixture.

| CHEMICAL NAMES | CAS NUMBER | PERCENT | EXPOSURE LIMITS IN AIR |            |       |
|----------------|------------|---------|------------------------|------------|-------|
|                |            |         | ACGIH (TLV)            | OSHA (PEL) | OTHER |
| Sodium Azide   | 26628228   | 0.095%  | 0.3 mg/m <sup>3</sup>  |            |       |
|                |            |         |                        |            |       |

| NFPA Rating Index  | Health | Flammability | Reactivity | Special Precautions                            |
|--|--------|--------------|------------|--|
| Health (Blue) 1 = Caution May be irritating<br>Reactivity (Yellow) 0 = Stable Not reactive when mixed with water | 1      | 0            | 0          | Flammability (Red) 0 = Not combustible<br>none |

**SECTION III • PHYSICAL PROPERTIES**

|                                       |     |                              |     |
|---------------------------------------|-----|------------------------------|-----|
| BOILING POINT OR RANGE (F)            | N/A | MELTING POINT OR RANGE (F)   | N/A |
| SPECIFIC GRAVITY (H <sub>2</sub> O=1) | N/A | SOLUBILITY IN WATER          | N/A |
| VAPOR PRESSURE (mmHg)                 | N/A | VAPOR DENSITY (AIR=1)        | N/A |
| PERCENT VOLATILE BY VOLUME (%)        | N/A | EVAPORATION RATE (_____ = 1) | N/A |

APPEARANCE AND ODOR  
Amber yellow odorless liquid

HOW TO DETECT THIS SUBSTANCE  
No unusual warning properties

\*WARNING PROPERTIES OF SUBSTANCE AS A GAS, VAPOR, DUST OR MIST • ODOR IS NOT AN ADEQUATE WARNING OF INHALATION HAZARD • SKIN IRRITATION IS NOT AN ADEQUATE WARNING OF ABSORPTION THROUGH THE SKIN

**SECTION IV • FIRE AND EXPLOSION HAZARD DATA**

|                                  |  |                                     |              |              |
|----------------------------------|--|-------------------------------------|--------------|--------------|
| FLASH POINT (Method Used)        | N/A  | FLAMMABLE LIMITS IN AIR, VOLUME (%) | LOWER<br>N/A | UPPER<br>N/A |
| AUTOIGNITION TEMPERATURE (F)     | N/A  |                                     |              |              |
| FIRE EXTINGUISHING MATERIALS     | Use fire extinguishing material appropriate for surrounding fire |                                     |              |              |
| SPECIAL FIRE FIGHTING PROCEDURES | None   |                                     |              |              |

UNUSUAL FIRE AND EXPLOSION HAZARDS  
Sodium azide may form metal azides in metal pipes (plumbing) and pose a threat of explosion.

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I-211624 C-1440-02  
I-211623 C-1440-01

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| SECTION V • HEALTH HAZARD DATA                |   |
|---|---|
| SYMPTOMS OF OVEREXPOSURE                      | No vapor hazard. Irritation of the skin may occur upon contact.   |
| ACUTE HEALTH EFFECTS OR RISKS FROM EXPOSURE   | May be fatal if swallowed. Irritation of skin or eyes may be experienced.   |
| CHRONIC HEALTH EFFECTS OR RISKS FROM EXPOSURE | Long term effects are not likely if product is used as directed. Sodium azide can be absorbed through the skin.   |
| FIRST AID: EMERGENCY PROCEDURES               | Remove contaminated clothing. Wash affected skin areas with soap and water. Flush skin and eyes with water for at least 15 minutes. If swallowed, induce vomiting. Call physician or poison control center. |
| SUSPECTED CANCER AGENT?                       | No  |
| MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE     | None known  |
| RECOMMENDATIONS TO PHYSICIAN                  | Treat symptoms  |

| SECTION VI • REACTIVITY DATA         |                |   |                     |
|--------------------------------------|----------------|---|---------------------|
| STABILITY                            | UNSTABLE       |   | CONDITIONS TO AVOID |
|                                      | STABLE         | X |                     |
| INCOMPATIBILITY (Materials to avoid) | None           |   |                     |
| HAZARDOUS DECOMPOSITION PRODUCTS     | None           |   |                     |
| HAZARDOUS POLYMERIZATION             | MAY OCCUR      |   | CONDITIONS TO AVOID |
|                                      | WILL NOT OCCUR | X |                     |

| SECTION VII • SPILL, LEAKAGE AND DISPOSAL PROCEDURES |   |
|--|---|
| SPILL RESPONSE PROCEDURES                            | Wear protective clothing and gloves. Absorb spilled liquid with appropriate materials. Rinse area with soap and water solution. Disinfect with bleach diluted 1:10 with water. Rinse area with water. |
| WASTE DISPOSAL METHOD                                | Absorb into inert solid or dilute with large quantities of water and pour down sewer.   |

| SECTION VIII • SPECIAL HANDLING INFORMATION   |                      |                |                                     |
|---|----------------------|----------------|-------------------------------------|
| RESPIRATORY PROTECTION (Specify type)   |                      |                |                                     |
| None Required   |                      |                |                                     |
| VENTILATION   | LOCAL EXHAUST        | N/A            | SPECIAL                             |
|   | MECHANICAL (General) | N/A            | OTHER                               |
| PROTECTIVE GLOVES   | Recommended          | EYE PROTECTION | Recommended Avoid getting into eyes |
| OTHER CLOTHING AND EQUIPMENT  |                      |                |                                     |
| Wear Lab coat   |                      |                |                                     |
| WORK AND HYGIENIC PRACTICES   |                      |                |                                     |
| For In Vitro Diagnostic Use Only. It is recommended that such samples be handled at the Centers for Disease Control's Biosafety Level 2.  |                      |                |                                     |
| OTHER HANDLING AND STORAGE REQUIREMENTS   |                      |                |                                     |
| Store and Handle according to package insert directions   |                      |                |                                     |
| Caution: Contains human urine. Dipper Control (Level 1) Cat #1440-01 and Dropper Control (Level 1) Cat #1440-02 and Dropper Plus Control (Level 1) Cat #1440-04 contain human chorionic gonadotropin from pregnancy urine. The human chorionic gonadotropin used in the manufacture of this product have been tested and found nonreactive for Hepatitis C, Hepatitis B surface antigen and HIV 1 & 2 antibody when tested by FDA accepted methods. No known test method can assure that a product derived from human blood does not contain Hepatitis or HIV virus. Handle as if potentially infectious. |                      |                |                                     |
| PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT  |                      |                |                                     |
| None other than those indicated above   |                      |                |                                     |