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## MATERIAL SAFETY DATA SHEET

### SECTION I • PRODUCT IDENTIFICATION

|  |  |
|--|--|
| CATALOG NUMBER (S) 1011-61, 1012-61, 1013-61, 1014-61<br>1010-02   | EMERGENCY TELEPHONE NUMBER 800 624-8380      |
| CHEMICAL NAME AND SYNONYMS Cardiac Markers Control   | DATE PREPARED/REVISED 03/29/05 REVISION # 02 |
| TRADE NAME AND SYNONYMS Cardiasure   |  |
| CHEMICAL FAMILY Quality Control Materials<br>human serum matrix with reagent grade chemicals and other human and non human source material |  |

### 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 |
| None           |            |         |                        |            |       |

| 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          | 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

Clear 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 | UPPER |
| AUTOIGNITION TEMPERATURE (F)       | N/A  |                                     | N/A   | 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. |                                     |       |       |

| <b>SECTION V • HEALTH HAZARD DATA</b>         |  |
|---|--|
| SYMPTOMS OF OVEREXPOSURE                      | No vapor hazard.   |
| ACUTE HEALTH EFFECTS OR RISKS FROM EXPOSURE   | None known.  |
| CHRONIC HEALTH EFFECTS OR RISKS FROM EXPOSURE | Sensitivity to serum protein and other non human source material.  |
| 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, drink water. |
| SUSPECTED CANCER AGENT ?                      | No   |
| MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE     | None known   |
| RECOMMENDATIONS TO PHYSICIAN                  | Treat symptoms   |

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

| <b>SECTION VII • SPILL, LEAKAGE AND DISPOSAL PROCEDURES</b> |   |
|---|---|
| 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                                       | Dispose of as if potentially infectious.  |

| <b>SECTION VIII • SPECIAL HANDLING INFORMATION</b>  |   |                |                         |
|---|---|----------------|-------------------------|
| RESPIRATORY PROTECTION ( <i>Specify type</i> )  |   | None Required  |                         |
| VENTILATION   | LOCAL EXHAUST   | N/A            | SPECIAL                 |
|   | MECHANICAL ( <i>General</i> )   | N/A            | OTHER                   |
| PROTECTIVE GLOVES   | Recommended   | EYE PROTECTION | 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 the control material 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 serum and human source material. All blood donor units comprising the serum pool and source material have been tested and found nonreactive for Hepatitis B surface antigen and HIV 1 & 2 and HCV 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. |   |                |                         |
| Caution: Contains non-human source material. Inhalation and skin contact with this product may cause sensitization.   |   |                |                         |
| PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT  | None other than those indicated above   |                |                         |