**INTERNATIONAL IMMUNOLOGY CORPORATION**
**25549 Adams Avenue, Murrieta, California 92562**
**FAX (951) 677-6752**
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# MATERIAL SAFETY DATA SHEET

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**PRODUCT:** *Various Calibrators/Controls, Human-based*

**PRODUCT CODE:** 1070, 1104, 1105, 1106, 1108, 1113, 1127, 1128, 1130, 1135, 1151, 1152, 1153, 5100, 5400

**CHEMICAL FAMILY:** *Human Blood Proteins*

**COMPANY NAME:** *International Immunology Corporation*
*25549 Adams Avenue*
*Murrieta, CA 92562*

**COMPANY PHONE#:** *(951) 677-5629*

## SECTION II: HAZARDOUS INGREDIENT

**INGREDIENT:** *Sodium azide - 0.09% or Thimerosal - 0.01% (see label)*
*Human Plasma/serum*

*HAZARDOUS STATEMENT:*
*In accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200 and State Right-to-Know laws, the above products do no contain hazardous substances which meet the OSHA Standard criteria or are present in concentrations below that required for product-specific Material Safety Data Sheet (MSDS).*

## SECTION III: PHYSICAL DATA

**MELTING POINT:** *No data* **SPECIFIC GRAVITY:** *No data*

**SOLUBILITY:** *Soluble in water* **APPEARANCE:** *Liquid*

**pH:** *Neutral*

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**FIRE AND EXPLOSION HAZARD:** *Significant quantities of sodium azide may form explosive azides upon contact with heavy metals. Avoid lead or copper and other heavy metals in plumbing drains.*

**FIRE FIGHTING MEDIA:** *Water spray*

## SECTION V: REACTIVITY DATA

**STABILITY:** *No chemical reactivity hazard.*

## SECTION VI: HEALTH HAZARDS

**SODIUM AZIDE:** *Sodium azide in chemical form is a severe poison. Upon acidification it forms a poisonous gas.*

**ACUTE EFFECTS:** *Sodium Azide: fatal if inhaled, swallowed or absorbed; eye and skin irritation, nausea, headache, vomiting.*

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**CHRONIC EFFECTS:** *Sodium Azide: genetic alteration, heart and nerve damage.*

**LONG-TERM:** *Both Sodium azide and Thimerosal, if handled improperly or in higher than included in these products, are potential triggers of health problems. Use common laboratory safe handling practices.*

**EYES:** *May cause irritation* **SKIN:** *May cause irritation*

**ADDITIONAL:** *This product contains human blood proteins obtained from licensed US sources. Each donor unit has been tested and found negative for HIV antibody, HCV antibody and HBS Ag by federally approved assay methods. The FDA recommends handling with "universal precautions". This material should be considered as being potentially infectious. Use universal precautions for bloodborne pathogens. See Section VIII.*

*EMERGENCY AND FIRST AID INFORMATION*

**EYES:** *Flush with plenty of water and seek medical attention.*

**SKIN:** *Flush with water, wash with soap and water and seek medical attention if irritation persists.*

**INHALATION:** *If acidification has occurred, call a poison control center and seek medical attention immediately.*

**INGESTION:** *Call a poison control center or seek medical attention immediately.*

## SECTION VII: PRECAUTION FOR SAFE HANDLING AND USE

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** *Lab coat, safety glasses, gloves and access to a safety shower and eye wash are required.*

**SPILLS:** *Wear appropriate PPE including but not limited to: Protective clothing, eyewear and gloves. Adsorb with inert material and place in waste container. Ventilate and wash spill area. Dispose material in accordance with local, state and federal regulations.*

## SECTION VIII: OTHER PRECAUTION

*Regard as potentially infectious and follow good laboratory practices. This product should be handled using the same precautions employed when handling any potentially infectious material.*

## SECTION IX: COMMENTS

*The above information is believed to be correct but does not claim to be all inclusive and shall be used only as a guideline. INTERNATIONAL IMMUNOLOGY CORPORATION shall not be held liable for any damage resulting from improper handling or contact with the above material.*