

# Material Safety Data Sheet

**ThermoFisher**  
SCIENTIFIC

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## I. PRODUCT INFORMATION

Product: RF Latex

Components: Gamma Globulin Solution, Polystyrene Latex, Glycine, Saline, Sodium Azide, Human Albumin Fr. V, Human IgG, Glutaraldehyde and Sodium Hydroxide.

Sodium Azide: Poison

## II. TOXICITY HAZARDS

Poison - due to the presence of Sodium Azide.

## III. PHYSICAL DATA

1. **Appearance:** Murky White Liquid.
2. **Odor:** None
3. **Boiling Point:** N/A
4. **Evaporation Rate:** N/A
5. **Specific Gravity:** N/A
6. **pH:** N/A
7. **Osmolality:** N/A
8. **Water Solubility:** 100%

## IV. FIRE & EXPLOSION INFORMATION

1. **Flash Point:** Unstable.
2. **Fire Extinguishing Media:** Dry chemical, carbon dioxide, water spray, or foam.
3. **Fire Fighting Procedures:** Cool fire-exposed areas with water spray.
4. **Explosion Hazards:** N/A

## V. HEALTH HAZARDS

1. **Threshold Limit Value:** Unknown
2. **Effects of Overexposure:** N/A
3. **Routes of Exposure:**
  - a. Ingestion: Toxic Poisonous
  - b. Inhalation: When heated to decomposition, emits toxic fumes.
  - c. Skin Contact: N/A

- d. Skin Absorption: N/A
- e. Eye Contact: N/A

**4. Emergency First Aid Procedures:**

- a. Ingestion: Contact a physician immediately. Give copious amounts of waters.

**VI. REACTIVITY**

- 1. **Stability:** Unstable
- 2. **Incompatibilities:** Avoid disposing of liquid or powder through cooper or lead drains. Cooper and lead form explosive azides.
- 3. **Hazardous Decomposition:**

**VII. SPILL/LEAK AND DISPOSAL PROCEDURES**

- 1. **Spills:** Use absorbent materials and dispose of as usual solid waste. If flushed down drain follow with plenty of water.
- 2. **Disposal:** Dispose of in accordance with Local, State and Federal regulations.

**VIII. PROTECTIVE INFORMATION(OCCUPATIONAL CONTROL MEASURES)**

- 1. **Protective Equipment**
  - a. **Skin Protection:** N/A - Gloves should be worn when handling any potential infectious material.
  - b. **Eye Protection:** Use safety glasses if danger of spills or splashes.
- 2. **Ventilation:** N/A

**IX. HANDLING AND STORAGE: SPECIAL PRECAUTIONS**

Store according to label instructions.

Avoid disposing of liquid or powder through cooper or lead drains. Cooper and lead form explosive azides.