

## MATERIAL SAFETY DATA SHEET

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### Section 1. Identification

- Product Name and Synonyms: Rheumatoid Factor (RF) Latex Test
- Intended Use: The Pulse RF Latex Test is intended to be used for the qualitative screening and semi-quantitative determination of Rheumatoid Factor (RF) in serum as an aid in the diagnosis of Rheumatoid Arthritis.
- Company: Pulse Scientific Inc.  
Unit 18, 5100 South Service Road,  
Burlington, Ontario, L7L 6A5 Canada  
Tel: 905-333-8188  
Emergency Telephone Number: (905) 333-8188

### Section 2. Hazard Identification

- Hazardous Mixtures of other liquids, solids, or gases: N/A

### Section 3. Composition/Information on Ingredients

- Active Formula Ingredients: Latex: Polystyrene latex particles coated with human IgG.  
Positive Control: Human serum containing RF. Negative Control: Normal human serum.  
Other components either non-hazardous or at concentrations below that requiring hazardous listing.

### Section 4. First Aid Measures

- First Aid: N/A

### Section 5. Fire-Fighting Measures

- Extinguishing media: Use media appropriate for surrounding materials.

### Section 6. Accidental Release Measures

The products, by themselves, do not warrant special considerations. However, the anticipated use of these products can involve potential infectious serum specimens.

- Steps to be taken in case material is spilled or released: In these applications, immediately saturate the spill or leak with an aqueous germicidal reagent (i.e. 70% alcohol). After 15 minutes of exposure to the wet germicidal reagent, wipe up the spill or leak and dispose into a biohazardous container.
- Respiratory Precautions: The use of biological safety hoods and the prevention of aerosols must be dictated by the standard operational procedures of each individual laboratory.
- Protective Clothing: The use of gloves, moisture impervious aprons, and other protective clothing must be dictated by the standard operational procedures of each individual laboratory.
- Do not pipette by mouth. Avoid contact or ingestion.
- The Product Insert contains information regarding any additional precautions.

### Section 7. Handling and Storage

- Precautions for safe handling: wear appropriate personal protective equipment.
- Storage: store at 2-8 °C, in the original and intact container.

### Section 8. Exposure Controls/Personal Protection

- Exposure Limits: N/A
- Engineering Controls: N/A
- Personal Protective Equipment: Lab coat.

### Section 9. Physical and Chemical Properties

- Appearance and Odor: Latex – White colored suspension with latex particles which will sediment upon standing. Controls – Clear solutions. May be colored.
- Odor Threshold: N/A
- pH: N/A
- Melting/Freezing Point: N/A
- Boiling Point: N/A
- Flash Point: N/A
- Evaporation Rate: N/A
- Flammability: N/A
- Explosion Limits: N/A
- Solubility in Water: Latex: Incomplete. Colloidal suspension may result. Controls: Complete.

### Section 10. Stability and Reactivity

- Hazardous reactions: N/A

### Section 11. Toxicological Information

- Acute toxicity: N/A
- Skin corrosion/irritation: N/A
- Serious eye damage/eye irritation: N/A
- Respiratory or skin sensitization: N/A
- Carcinogenicity: N/A
- Reproductive toxicity: N/A

### Section 12. Ecological Information: N/A

### Section 13. Disposal Considerations:

- Waste Disposal Methods: The products, by themselves, do not warrant special considerations. However, the anticipated use of these products can involve potential infectious serum specimens. Precautions should be taken against infectious agents. Sterilize (i.e. at 121 °C, 15 #, 15 minutes) or incinerate (EPA approved incinerator) all waste.

### Section 14. Transport Information: N/A

### Section 15. Regulatory Information: N/A

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#### • Preparation Information

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