

# MATERIAL SAFETY DATA SHEET

This MSDS conforms to ANSI Z400.1 and is in compliance with 29 CFR 1910

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Emergency Telephone  
Business hours: 1-402-333-1982  
24 hr (Chem-Tel): 1-800-255-3924

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## Section 1: Product Identification

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Product Name: ESR Vacuum tubes  
Synonyms: Sodium Citrate Solution  
Product Type: ESR Vacuum tubes

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## Section 2: Composition

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Hazardous Ingredient: Sodium Citrate 3.2%

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## Section 3: Hazards Identification

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CAUTION!

Emergency Overview: • May cause eye irritation

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## Section 4: First Aid Measures

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Eye Contact: In case of contact, flush eyes with copious amounts of water for at least 15-20 minutes. Raise eyelids to be sure material is rinsed out. Obtain professional medical advice if irritation persists.  
Skin Contact: This product is not skin irritating.  
Ingestion: If ingested, consult doctor in case of persistent symptoms.  
Inhalation: Remove exposed persons to fresh air. In case of irritation or breathing problems, seek medical advice.

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## Section 5: Fire Fighting Measures

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Extinguishing Media: Water, CO<sub>2</sub> or appropriate foam  
Special Procedures: No special measures required  
Fire/ Explosion Hazards: No dangerous reactions known

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## Section 6: Accidental Release Measures

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Spill Procedure: No dangerous materials are released. Take up spill or leak with absorbent material and place in a suitable waste container.

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## Section 7: Handling and Storage

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Storage: Store in a cool dry place.  
Handling: No special measures required

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## Section 8: Exposure Controls and Personal Protection

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Ventilation: Use general room ventilation  
Respiratory Protection: None required  
Eye Protection: Standard laboratory safety glasses recommended  
Gloves: Standard laboratory latex or rubber gloves  
Other: A laboratory coat or apron is recommended.

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## Section 9: Physical and Chemical Properties

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Appearance: Clear, colorless liquid solution      Odor: None

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**Section 10: Stability and Reactivity**

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Hazardous Polymerization: Will not occur  
Stability: Stable  
Conditions/ Materials to Avoid: No dangerous reactions known

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**Section 11: Toxicological Information**

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Carcinogenicity: None of the components are listed as carcinogens or as suspect carcinogens.

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**Section 12: Ecological Information**

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Generally not hazardous for water.

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**Section 13: Disposal Considerations**

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Streck Laboratories recommends contacting a licensed professional waste disposal service to dispose of this material. Each facility must determine proper disposal methods to comply with local, state, and federal regulations.

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**Section 14: Transport Information**

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This material is not regulated by either IATTA or DOT.

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**Section 15: Regulatory Information**

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This product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials. Observe the normal safety regulations when handling chemicals.

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**Section 16: Other Information**

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Streck Laboratories, Inc. provides no warranties, either expressed or implied. It assumes no responsibility for the accuracy or completeness of this material safety data sheet.