



## Safety Data Sheet

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### Section 1 – Product and Company Information

Product Name: 10X Preservative-Free ClearSort™ Sheath Fluid

Product Identification Number: S632

Company: Leinco Technologies, Inc  
410 Axminister Drive  
St. Louis, MO 63026 USA

Emergency Telephone: 636-230-9477  
800-538-1145

Recommended Use: For In Vitro diagnostic use only.

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### Section 2 – Hazardous Identification

Classification: GHS-US Not Classified

Label Elements: GHS-US Labeling not applicable

Other Hazards: None under normal conditions.

This product contains an antibacterial/antifungal preservative (other than sodium azide).

This product contains no hazardous constituents, or the concentrations of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200.

Unknown acute toxicity: No data available.

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### Section 3 – Composition / Information on Ingredients

CAS No/Description.: 7558-80-7 / Sodium Phosphate, Monobasic  
7647-14-5 / Sodium Chloride  
7558-79-4 / Sodium Phosphate, Dibasic

Chemical Formula: Not applicable to mixtures  
Trade secret formulation



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### Section 4 – First Aid Measures

**General:** If exposed or concerned, get medical attention/advice. Show this safety data sheet to the attending doctor. Wash contaminated clothes prior to reuse. Never give anything to an unconscious person.

**Oral Exposure:** If swallowed, rinse mouth thoroughly. DO not induce vomiting without advice from poison control center or medical professional. Get medical attention/call poison control if you feel unwell.

**Inhalation Exposure:** If inhaled, remove to fresh air. If not breathing, administer CPR. If breathing becomes difficult, give oxygen. If discomfort persists, seek medical attention.

**Dermal Exposure:** In case of contact, wash skin with soap and copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, call a physician.

**Eye Exposure:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Remove contact lenses if present and easy to do so. Obtain medical attention if pain, blinking, or redness persists.

#### Important symptoms and effect

**General Symptoms:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Inhalation:** May cause respiratory irritation.

**Dermal contact:** May cause skin irritation.

**Eye Contact:** May cause irritation.

**Ingestion:** May cause gastrointestinal irritation.

**Indication of immediate medical attention needed:**

No additional information available.

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### Section 5 – Fire Fighting Measures

#### Extinguishing Media:

**Suitable:** Water spray. Carbon dioxide, dry chemical powder or appropriate foam.

**Unsuitable:** None known.

#### Special hazards arising from substance or mixture:

**Fire Hazard:** No data available.

**Explosion Hazard:** No data available.

**Reactivity:** No dangerous reactions known under normal conditions of use.



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Firefighting Instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. DO not dispose of fire-fighting water in the environment.

Precautionary Measure: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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### Section 6 – Accidental Release Measures

General Measures: No specific emergency measures are required other than good laboratory hygiene and safety practices.

Procedure to be Followed In Case of Leak or Spill: Wipe up with damp sponge or mop.

Procedures and Personal Precautions: Wear mask, gloves, safety glasses, and lab coat.

Methods for Cleaning Up: Dispose of in accordance with all national, state and local regulations. Wash spill area with soap and water.

Environmental Precautions: Avoid release into the environment. Dispose of in accordance with all national, state and local regulations.

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### Section 7 – Handling and Storage

Handling: Do not handle until all safety precautions have been read and understood. Use appropriate personal protection equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Storage: Store 10X Preservative-Free ClearSort™ Sheath Fluid at room temperature. Do not freeze.

Storage Temperature: Room Temperature

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### Section 8 – Exposure Controls/Personal Protection

Control Parameters: No data available

Exposure Controls: No data available

Personal Protective Equipment: No specific emergency measures are required other than good laboratory hygiene and safety practices. Wear mask, gloves, safety glasses, and lab coat.

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### Section 9 – Physical/Chemical Properties

Physical State:	Solution
Appearance:	Clear liquid
Color:	Clear
Odor:	No data available
Odor Threshold:	No data available
pH:	7.2-7.4
Relative evaporation rate:	No data available
Boiling point:	No data available
Melting point:	No data available
Freezing point:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition Temperature:	No data available
Flammability:	No data available
Relative vapor density at 20°C:	No data available
Relative density:	No data available
Solubility:	Aqueous
Vapor Pressure:	No data available
Log Pow:	No data available
Log Kow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
Explosive limits:	No data available

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### Section 10 – Stability and Reactivity

Stability: Stable

Materials to Avoid: Cell sorters and systems requiring a preservative free buffer.

Hazardous Decomposition Products: Not applicable.

Hazardous Polymerization Products: Not applicable.

Incompatible Materials: Strong oxidizers



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### Section 11 – Toxicological Information

Acute toxicity: Not classified  
Skin corrosion/irritation: Not classified  
pH: Neutral  
Serious eye damage/irritation: Not classified  
pH: Neutral  
Respiratory or skin sensitization: Not classified  
Germ cell mutagenicity: Not classified  
Carcinogenicity: Not classified  
Reproductive toxicity: Not classified

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### Section 12 – Ecological Information

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### Section 13 – Disposal Conditions

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### Section 14 – Transport Information

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### Section 15 – Regulatory Information

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### Section 16 – Other Information

Indication of changes                      Minor Correction  
Effective Date:                                4/23/2019

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Warranty: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Leinco Technologies Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. Copyright 2012 Leinco Technologies, Inc. License granted to make unlimited paper copies for internal use only.



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