

# SAFETY DATA SHEET

Date of Issue: November 20, 2023

## Section 1. Identification

**Product Name:** 5X Tris Buffered Saline

**Catalog No.:** BA0104

**Manufacturer/Supplier:**

Lectenz Bio  
111 Riverbend Road  
Athens, GA 30602  
United States  
Tel: (706) 549-4484  
Email: sales@lectenz.com

**Satellite Location:**

Lectenz Bio  
3030 Bunker Hill Street  
San Diego, CA 92109  
United States  
Tel: (706) 549-4484  
Email: sales@lectenz.com

## Section 2. Hazards Identification

**GHS Classification:** Non-hazardous based on the physical and/or chemical nature and/or concentration of ingredients.

**GHS Label:** Non-hazardous substance or mixture.

**Hazards not otherwise classified (HNOC) or not covered by GHS:** None

## Section 3. Composition/Information on Ingredients

No ingredients are hazardous according to OSHA criteria.

Aqueous solution composed of soluble amounts of Tris base/Tris-HCl, potassium chloride, and sodium chloride. Exact amounts are as follows:  
5X Tris Buffered Saline (BA0104): 125 mM Tris-HCl, 13.5 mM KCl, 685 mM NaCl, pH 7.4

## Section 4. First Aid Measures

**Inhalation:** Remove to fresh air.

**Skin contact:** Wash thoroughly with water and soap.

**Eye contact:** Flush eyes with water as a precaution.

**Ingestion:** Wash out mouth with water. Do not induce vomiting.

## Section 5. Fire Fighting Measures

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment:** Use respirator for firefighting if necessary.

## Section 6. Accidental Release Measures

Wear protective clothing to prevent contact with eyes and skin. Ensure adequate ventilation. Collect on absorbent material and dispose of according to federal, state and local environmental regulations.

## Section 7. Handling and Storage

**Handling:** Use only with adequate ventilation. Wear eye protection and compatible chemical-resistant gloves. Handle in accordance with good laboratory hygiene and safety practices.

**Storage:** Keep container tightly closed and store according to product label, product card, datasheet and/or instructional manual

## Section 8. Exposure Controls/Personal Protection

**Exposure limits:** Contains no substances with occupational exposure limit values.

**Engineering controls:** Use enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits.

**Personal protection:**

**Hand protection** - Compatible chemical-resistant gloves

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**Eye protection** - Chemical safety goggles

**Skin protection** - Lab coat

### *Section 9. Physical and Chemical Properties*

**Appearance:** Aqueous

**Odor:** None

**pH:** 7.4

**Boiling point:** Not determined

**Melting point:** Not determined

**Flash point:** Not determined

**Autoflammability:** Not determined

**Vapor pressure:** Not determined

**Relative density:** Not determined

**Solubility:** Not applicable

### *Section 10. Stability and Reactivity*

**Chemical stability:** Stable under recommended storage conditions.

**Conditions to avoid:** pH extremes.

**Materials to avoid:** Not applicable.

**Hazardous reactions/decomposition products:** Not determined.

### *Section 11. Toxicological Information*

**Acute effects:** No data available.

**Chronic effects:** No data available.

### *Section 12. Ecological Information*

No data available.

### *Section 13. Disposal Considerations*

Observe all federal, state and local environmental regulations.

### *Section 14. Transport Information*

**DOT (US):** Not dangerous goods.

**RID/ADR:** Not regulated.

**IMDG:** Not dangerous goods.

**IATA:** Not dangerous goods.

### *Section 15. Regulatory Information*

SARA 302 - No chemicals in this material are subject to the reporting requirements.

SARA 313 - No chemicals in this material with known CAS #s are subject to the reporting requirements.

SARA 311/312 Hazards - No SARA Hazards.

California Prop. 65 components: None.

### *Section 16. Other Information*

The information contained in this Safety Data Sheet is believed to be accurate but it is the responsibility of the user to determine the applicability of these data to the formulation of necessary safety precautions. Lectenz Bio shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Safety Data Sheet.

**Date of Revision:** November 20, 2023