

SAFETY DATA SHEET

Date of Issue: June 10, 2026

Section 1. Identification

Product Name: 5X Binding Buffer 5**Catalog No.:** BA0105**Manufacturer/Supplier:**

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

Satellite Location:

Lecten 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 EPPS and sodium chloride. Exact amounts are as follows:
5X Binding Buffer 5 (BA0103): 125 mM EPPS, 250 mM NaCl, pH 7.5

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**Eye protection** - Chemical safety goggles

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Section 9. Physical and Chemical Properties

Appearance: Aqueous

Odor: None

pH: 7.5

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. Lecten 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.