

EPICENTRE Biotechnologies
726 Post Road, MADISON WI 53713
Emergency Tel: 608-258-3080 or 800-284-8474 8:00 AM-4:30 PM Central Time
MATERIAL SAFETY DATA SHEET
Effective: 08/2010

Section 1: Chemical Identification

Product name(s): Sequencing Buffer (EXCEL™II), 5X Buffer A (SequiTherm™ EXCEL™) for Long-Read™ LC, SequiTherm™ EXCEL™ 5X Buffer A, 5X Buffer A (SequiTherm™ EXCEL™), 10X Buffer B (SequiTherm™ EXCEL™) for Long-Read LC, SequiTherm™ EXCEL™ 10X Buffer B, 10X Buffer B (SequiTherm™ EXCEL™), 5X SequiTherm™ EXCEL™ II Buffer, and SequiTherm™ EXCEL™ II Sequencing Buffer.
Catalog Numbers: SEM79100, SE9101LC and SE9202LC.

Section 2: Composition and Information on Hazardous Ingredients

<u>Component</u>	<u>CAS No</u>	<u>EC#</u>	<u>% Wt</u>
Trade secret	N/A	N/A	15-25

Section 3: Hazards Identification

Irritant. Irritating to eyes, respiratory system and skin.

Section 4: First Aid Measures

Ingestion: Wash out mouth with water only when person is conscious. Contact a physician immediately.
Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
Skin: Immediately wash skin with soap and water
Eye: Flush eyes immediately with large amounts of water for at least 15 minutes.

Section 5: Fire Fighting Measures

Extinguishing Media Water, CO₂, Dry chemicals
Fire fighting ProceduresWear self contained breathing apparatus and protective clothing
Unusual fire or explosion hazards Emits toxic fumes under fire conditions
Not flammable

Section 6: Accidental Release Measures

Personal precautions: Wear self-contained breathing apparatus, rubber boots and heavy gloves
Wear appropriate protective clothing. Dike material with a suitable inert absorbent. Place in waste container. Avoid contact with skin and eyes.

Section 7: Handling and Storage

Avoid contact with eyes, skin and clothing.
Store in cool dry place with container tightly closed.

Section 8: Exposure Controls/Personal Protection

Respiratory protection: Use appropriate respiratory protection approved by NIOSH.
Ventilation: Mechanical (general) or local exhaust as needed.
Personal Protective Equipment: Protective gloves, safety glasses or goggles, and lab coat are recommended. Access to safety shower and eye wash. Thoroughly wash hands after handling. Wash contaminated clothing and shoes before reuse.

Section 9: Physical and Chemical Properties

Appearance: The 5X Sequencing Buffer, 5X Buffer A, 10X Buffer B, 5X SequiTherm EXCEL II Sequencing Buffer, and SequiTherm EXCEL II Sequencing Buffer in these kits are each one of several vials contained in the kits or products named above. The buffers are provided as liquids.

Section 10: Stability and Reactivity

Stability: Stable

Incompatibility: Acids, acid chlorides, acid anhydrides, oxidizing agents

Hazardous decomposition products: Carbon and nitrogen oxides from thermal decomposition

Hazardous polymerization: Will not occur

Section 11: Toxicological Information

Irritation: Material is irritating to mucous membranes and upper respiratory tract

Irritation Data: Eye- rabbit 500 mg 24 hours: mild irritation effect.

Toxicity Data: Oral rat LD/50 8700 mg/kg

May be harmful by inhalation, ingestion, or skin absorption. Skin and eye irritant.

Section 12: Ecological Information

Ecotoxicity and issues unknown.

Section 13: Disposal Considerations

Dispose material and container in accordance with appropriate federal, state and local laws and regulations. Recover and recycle if possible. Processed material may require different disposal methods.

Section 14: Transport Information

No special considerations are known. No DOT proper shipping name and is considered non-hazardous for transport. No IATA shipping name. Non-hazardous for air transport.

Section 15: Regulatory Information

US Classification and Label text:

Indication of danger: irritant Risk Statements: Irritating to eyes, respiratory system and skin.

Safety statement. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear protective clothing.

Not SARA 13 listed.

Section 16: Other Information

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