G-Biosciences/Genotech: St. Louis, MO, USA; www.GBiosciences.com, email: technical@GBiosciences.com

Product: Sodium Carbonate, anhydrous **Catalog #**: RC-125 & RC-126 [LU 3.26.10/JK-IA]

Components	Catalog #	Quantity
Sodium Carbonate, anhydrous	RC-125	500g
Sodium Carbonate, anhydrous	RC-126	1kg

Material Safety Data Sheet

Section 1: **Chemical Identification**

Name: Sodium Carbonate, anhydrous

Catalog #: a component of product Cat # RC-125 & RC-126 indicated above

Section 2: **Composition/Information on Ingredients**

Sodium Carbonate, anhydrous CAS# 497-19-8

Section 3: Hazards Identification

Label precautionary statements. Irritant. Irritating to eyes, respiratory system and skin. Wear suitable protective clothing.

Section 4: First-Aid Measures

After eye contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. Call a physician.

After skin contact: Immediately wash skin with soap and copious amounts of water.

After Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, call a physician.

After swallowing: Wash out mouth with water provided person is conscious. Call a physician.

Section 5: **Fire Fighting Measures**

Extinguishing Agents: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosions hazards: Emits toxic fumes under fire conditions.

Section 6: **Accidental Release Measures**

Human Safety Precautions: Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

Cleaning/Collecting Measures: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7: **Handling and Storage**

Refer to section 8.

Section 8: **Exposure Controls/Personal Protection**

Personal protective equipment: Chemical safety goggles, compatible chemical-respirator, NIOSH/MSHA-approved respirator, and safety shower and eye bath.

General Protective and Hygiene Measures: Mechanical exhaust required. Do not breathe dust.

Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep tightly closed. Store in cool dry place.

Section 9: **Physical and Chemical Properties**

Form: Powder

Color: None.

Odor: None

Section 10: **Stability and Reactivity**

Thermal Decomposition/Conditions to be avoided: Avoid strong oxidizing agents.

Dangerous Reactions: None known.

Dangerous Products of Decomposition: Carbon monoxide, carbon dioxide, nitrogen oxides.

Section 11: **Toxicological Information**

On the skin: May be harmful if absorbed through the skin. May cause skin irritation.

On the eye: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Section 12: **Ecological Information:** Data not yet available

Section 13: **Disposal Considerations**

Recommendation: Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations.

Section 14: Transport Information: Not dangerous goods. Safe for all transport.

Section 15: **Regulatory information:** Irritating to eyes, respiratory system and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

Section 16: **Other Information**: The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Geno Technology shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.