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Web: [www.GBiosciences.com](http://www.GBiosciences.com), Email: [technical@GBiosciences.com](mailto:technical@GBiosciences.com) [Rev 11.28.10/IA-JK]  
**Emergency Contact:** Chemtrec 800-424-9300

**Product:** EDTA; Ethylenediaminetetraacetic acid      **Catalog #:** RC-047 & RC-048

<u>Components</u>	<u>Catalog #</u>	<u>Quantity</u>
EDTA; Ethylenediaminetetraacetic acid	RC-051	250g
EDTA; Ethylenediaminetetraacetic acid	RC-047	500g
EDTA; Ethylenediaminetetraacetic acid	RC-048	1kg

## Material Safety Data Sheet

### **Section 1: Chemical Identification**

**Name:** EDTA; Ethylenediaminetetraacetic acid

**Catalog #:** a component of product Cat # RC-047 and RC-048 indicated above

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

Ethylenediaminetetraacetic acid; EDTA, [CAS# 60-00-4]

### **Section 3: Hazards Identification**

Label precautionary statements. Irritant. Irritating to eyes, respiratory system, and skin.

### **Section 4: First-Aid Measures**

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

**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, give oxygen.

**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:** Wear self-contained breathing apparatus, chemical safety goggles, rubber boots and heavy rubber gloves.

**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.

Wash thoroughly after handling. Remove and wash contaminated clothing promptly. Keep tightly closed.

**Section 9: Physical and Chemical Properties**

**Form:** Solid

**Color:** White

**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 cause skin irritation.

**On the eye:** Causes eye irritation.

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

**Sensitization:** Will not occur.

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

**Section 13: Disposal Considerations**

**Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Hand over to hazardous waste disposers. Observe all federal, state and local environmental regulations.

**Section 14: Transport Information**

**ADR/RID:** Not dangerous goods

**IMDG:** Not dangerous goods

**IATA:** Not dangerous goods

**Section 15: Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**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.

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