

*G-Biosciences/Genotech*: St. Louis, MO, USA; [www.GBiosciences.com](http://www.GBiosciences.com), email: [technical@GBiosciences.com](mailto:technical@GBiosciences.com)

**Product:** Neutralizer™

**Catalog #:** 786-673

[LU 12.9.09/IA-JK]

**Components**

**Quantity**

Neutralizer™

0.5g

**Material Safety Data Sheet**

**Section 1: Chemical Identification**

**Name:** Neutralizer™

**Catalog #:** a component of product Cat # 786-673 indicated above

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

$\alpha$ -cyclodextrin CAS# [10016-20-3]

**Section 3: Hazards Identification** Label precautionary statements. Harmful by inhalation. 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. Call a physician.

**After skin contact:** Immediately wash skin with soap and copious amounts of water. Remove contaminated clothing and shoes. Call a physician.

**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:** Evacuate area. Wear self-contained breathing apparatus, 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. Store in a cool dry place.

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

**Form:** Solid

**Color:** White

**Odor:** None

#### **Section 10: Stability and Reactivity**

**Thermal Decomposition/Conditions to be avoided:** Air sensitive.

**Dangerous Reactions:** Avoid strong reducing agents, organic materials, and finely powdered metals.

**Dangerous Products of Decomposition:** Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides.

#### **Section 11: Toxicological Information**

**On the skin:** Material is harmful to skin and mucous membranes.

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

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

**Sensitization:** None known.

#### **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** 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.

*G-Biosciences/Genotech St. Louis, MO, USA*

**Web:** [www.GBiosciences.com](http://www.GBiosciences.com), **email:** [technical@GBiosciences.com](mailto:technical@GBiosciences.com)