



**TGEX-HC-mG2a-Zeo**  
Catalog number: MX033

**Antibody Design Labs**  
4901 Morena Blvd, Suite 203  
San Diego, CA 92117

**Tool free:** (877) 223-3104  
**Email:** info@abdesignlabs.com  
**Website:** www.abdesignlabs.com

**Revision:** 09/29/2022

---

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

---

**PRODUCT NAME:** TGEX-HC-mG2a-Zeo  
**PRODUCT CODE:** MX033

**MANUFACTURER:** Antibody Design Labs  
**ADDRESS:** 4901 Morena Blvd, Suite 203  
San Diego, CA 92117

**EMERGENCY PHONE:** (858) 480-6213  
**OTHER CALLS:** (877) 223-3104

---

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

---

**CHEMICAL NAME:** Tris/HCL  
**CAS No.:** 77-86-1  
**% VOL:** <1%

**CHEMICAL NAME:** EDTA  
**CAS No.:** 60-00-4  
**% VOL:** <1%

**CHEMICAL NAME:** Plasmid DNA  
**CAS No.:** Not applicable  
**% VOL:** <1%

---

## SECTION 3: HAZARDS IDENTIFICATION

---

The product contains no substances which at their given concentration are considered to be hazardous to health.

**CAS.#** None  
**SARA 313** No

**POTENTIAL HEALTH EFFECTS:** Occupational exposure presents little or no health hazard.

### ACUTE TOXICITY

**EYES:** May cause irritation of the eye.

**SKIN:** May cause skin irritation.

**INGESTION:** Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

**INHALATION:** No toxicity expected from inhalation.

**CHRONIC HEALTH HAZARDS:** No known effect. No data on cancer.

---

## SECTION 4: FIRST AID MEASURES

---

**EYES:** Flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Remove contact lenses, clean before re-use. Call a physician if symptoms develop (redness, itching, etc.).

**SKIN:** Immediately wash skin with soap and copious amounts of water. Obtain medical attention if symptoms develop (redness, itching, etc.). Remove contaminated clothes, wash before re-use.

**INGESTION:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**INHALATION:** Remove to fresh air. Obtain medical attention unless effects are mild and temporary.

**NOTE TO PHYSICIAN:** Treat symptomatically.

---

## **SECTION 5: FIRE-FIGHTING MEASURES**

---

**FLAMMABLE PROPERTIES:** Not flammable.

**FLASH POINT:** Nodata available.

**EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment..

**SPECIAL FIRE FIGHTING PROCEDURES:** Standard turnout gear ("bunker gear"). Positive-pressure self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None.

**HAZARDOUS DECOMPOSITION PRODUCTS:** No data available..

---

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

---

**PERSONAL PRECAUTION:** Avoid contact with skin, eyes and clothing.

**CLEANING UP:** Absorb spill. Common absorbent materials should be effective. Deposit in appropriate containers for removal and disposal.

---

## **SECTION 7: HANDLING AND STORAGE**

---

**HANDLING:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.

**STORAGE:** Keep in properly labeled containers tightly closed. Store at -20°C

---

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

---

**EXPOSURE GUIDELINES:** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**ENGINEERING CONTROLS:** Showers, eyewash stations, ventilation systems.

**PERSONAL PROTECTIVE EQUIPMENT:**

**RESPIRATORY PROTECTION:** No respiratory protection will be needed under normal industrial operating conditions.

**EYE PROTECTION:** Safety glasses should be the minimum eye protection.

**SKIN PROTECTION:** Gloves should be used as minimum hand protection.

---

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

---

**APPEARANCE:** Liquid solution.

**ODOR:** No odor.

**PHYSICAL STATE:** Not established.

---

## **SECTION 10: STABILITY AND REACTIVITY**

---

**STABILITY:** Stable under ordinary conditions of use and storage.

**CONDITIONS TO AVOID (STABILITY):** Strong oxidizers.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Not under normal use..

**HAZARDOUS POLYMERIZATION:** Does not occur.

---

## **SECTION 11: TOXICOLOGICAL INFORMATION**

---

**TOXICOLOGICAL INFORMATION:** Not determined or not tested.

---

## **SECTION 12: ECOLOGICAL INFORMATION**

---

**ECOLOGICAL INFORMATION:** No ecological information available.

---

## **SECTION 13: DISPOSAL CONSIDERATIONS**

---

**WASTE DISPOSAL METHOD:** This material is not a hazardous waste according to state and federal regulation. Clean up and dispose of waste in accordance with local regulations.

---

## **SECTION 14: TRANSPORT INFORMATION**

---

### **DOT**

**Proper Shipping Name:** Not regulated.  
Non-hazardous for air transport.

### **IATA**

**Hazard Label:** None  
Non-hazardous for air transport.

---

## **SECTION 15: REGULATORY INFORMATION**

---

### **U.S. FEDERAL REGULATIONS**

**TSCA:** Exempt.  
**SARA 313 REPORTABLE INGREDIENTS:** None.

### **CALIFORNIA**

This product does not contain any Proposition 65 chemicals.

### **CANADA**

**WHMIS Classification:** This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. No hazardous components.

**DSL:** No  
**NDSL:** No

### **EUROPEAN UNION**

Not classified as hazardous.  
Safety Statements: Not applicable.

---

## **SECTION 16: OTHER INFORMATION**

---

### **DISCLAIMER:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Antibody Design Labs shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.