



TGEX-HC-dG4-Zeo
Catalog number: MX049

Antibody Design Labs
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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TGEX-HC-dG4-Zeo
PRODUCT CODE: MX049

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.