



Safety Data Sheet

Section 1 – Product and Company Identification

Product Name: *Mycobacterium tuberculosis* (H37Rv Strain) Bacterial qDNA
Applicable Product(s): 17-949-500
Manufacturer: Advanced Biotechnologies Inc
1545 Progress Way
Eldersburg, MD 21784
Telephone: (410) 792-9779
Fax: (301) 497-9773

Section 2 – Hazard Identification

I. Biohazards

Category: N/A

Note: The DNA extraction procedure used has been shown to eliminate the infectivity of most viruses and bacteria.

II. Chemical Hazards

Emergency Overview: N/A

Routes of Entry: N/A

Potential Health Effects

Eyes: N/A

Skin: N/A

Ingestion: N/A

Inhalation: N/A

Section 3 – Composition/Information on Ingredients

Name: Tris **CAS Number:** 77-86-1
Name: EDTA **CAS Number:** 60-00-4
Name: *Mycobacterium tuberculosis* DNA



Safety Data Sheet

Section 4 – First Aid Measures

Eye Contact: Rinse opened eye for several minutes under running water.

Skin Contact: Generally the product does not irritate the skin.

Inhalation: Supply fresh air, consult doctor in case of complaints.

Ingestion: If symptoms persist, consult a physician.

Section 5 – Fire-Fighting Measures

Flammability of the Product: Unknown.

Extinguishing Media

Suitable: Use an extinguishing agent suitable for the surrounding fire.

Not Suitable: None known.

Section 6 – Accidental Release Measures

Personal Precaution: To minimize contact wear laboratory coat, and protective gloves.

Environmental precautions: Disinfect material before disposal.

Spill Containment: Take up with an absorbent material. Disinfect area with 3% hydrogen peroxide followed by 70% isopropyl alcohol.

Section 7 – Handling and Storage

Handling: This product should be handled in accordance with Good Laboratory Practices and any applicable local guidelines.

Storage: -20°C or lower.



Safety Data Sheet

Section 8 – Exposure Controls/Personal Protection

OSHA PEL/NIOSH REL: Contains no substances with occupational exposure limit values.

Ventilation: Work in a biological safety cabinet to reduce the possibility of exposure.

Respiratory Protection: N/A

Hand Protection: Wear latex or nitrile gloves.

Eye Protection: N/A

Skin Protection: Wear a laboratory coat.

Section 9 – Physical and Chemical Properties

Appearance: Clear liquid.

Odor: Odorless.

Section 10 – Stability and Reactivity

Stability: No specific data.

Conditions to avoid: No specific data.

Materials to avoid: No specific data.

Hazardous Decomposition or By-Products: No specific data.

Section 11 – Toxicological Information

LD50: Unknown.

LC50: Unknown.

Eyes: N/A

Skin: N/A

Ingestion: N/A

Inhalation: N/A



Safety Data Sheet

Section 12 – Ecological Information

Ecological Information: Avoid release to the environment.

Section 13 – Disposal Considerations

Disposal Methods: Dispose of in accordance with any federal, state or local guidelines.

Section 14 – Transport Information

D.O.T.: N/A

Proper Shipping Name: N/A

IATA: N/A

Proper Shipping Name: N/A

Section 15 – Regulatory Information

U.S Federal Regulations

OSHA Hazard: No known OSHA hazards.

SARA 302/304/311/312 Extremely Hazardous Substances: N/A

SARA 313: N/A

Canada

WHMIS Classification: N/A

Section 16 – Other Information

The above information is believed to be accurate but does not purport to be all inclusive and shall be used only as a guide. Advanced Biotechnologies, Inc. shall not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards that exist.