



Safety Data Sheet

Section 1 – Product and Company Identification

Product Name: Adult Human Elutriated Lymphocytes
Applicable Product(s): 07-212-001
Manufacturer: Advanced Biotechnologies Inc
1545 Progress Way
Eldersburg, MD 21784
Telephone: (410) 792-9779
Fax: (301) 497-9773

Section 2 – Hazard Identification

I. Biohazards

Donor blood tested and found negative for anti-HIV-1/2, anti-HCV and HIV antigen. **Note:** No test guarantees a product to be completely non-infectious. Therefore, all human blood derived material should be considered as potentially infectious.

Section 3 – Composition/Information on Ingredients

Name: RPMI 1640

Inorganic salts	CAS Number: N/A
Amino Acids	CAS Number: N/A
Vitamins	CAS Number: N/A
Water	CAS Number: 7732-18-5
Standard Cell Culture Media	CAS Number: N/A

Name: Fetal Bovine Serum (FBS) **CAS Number:** N/A

Name: Gentamicin **CAS Number:** 1405-41-0

Name: Dimethyl Sulfoxide (DMSO) **CAS Number:** 67-68-5

Name: Adult Human Lymphocytes



Safety Data Sheet

II. Chemical Hazards

Emergency Overview: No known OSHA hazards.

Routes of Entry: N/A

Potential Health Effects

Eyes: May cause eye irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Section 4 – First Aid Measures

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

Skin Contact: Wash skin with soap and plenty of water. Contact a physician.

Inhalation: Move to fresh air. Contact a physician.

Ingestion: Wash out mouth with water provided person is conscious. Contact 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 a laboratory coat and protective gloves. Avoid breathing vapors, mist or gas.

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.



Safety Data Sheet

Section 7 – Handling and Storage

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

Storage: Store at -130°C or below.

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: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Hand Protection: Wear protective gloves.

Eye Protection: Wear laboratory safety glasses or goggles, as appropriate.

Skin Protection: Wear a laboratory coat.

Section 9 – Physical and Chemical Properties

Appearance: Clear, reddish 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.



Safety Data Sheet

Section 11 – Toxicological Information

LD50: Unknown.

LC50: Unknown.

Eyes: May cause eye irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

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



Safety Data Sheet

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.