



## Safety Data Sheet

### Section 1 – Product and Company Identification

**Product Name:** HIV-1 (IIIB Strain) gp160 Purified Native Glycoprotein

**Applicable Product(s):** 14-103-050

**Manufacturer:** Advanced Biotechnologies Inc  
9108 Guilford Rd  
Columbia, MD 21046

**Telephone:** (410) 792-9779

**Fax:** (301) 497-9773

### Section 2 – Composition/Information on Ingredients

**Name:** Dulbecco's Phosphate Buffered Saline (DPBS):

Sodium Phosphate, Dibasic **CAS Number:** 7558-79-4

Potassium Phosphate, Monobasic **CAS Number:** 7778-77-0

Sodium Chloride **CAS Number:** 7647-14-5

Potassium Chloride **CAS Number:** 7447-40-7

**Name:** HIV-1 gp160

### Section 3 – Hazard Identification

#### I. Biohazards

**Category:** Not biohazardous.

#### II. Chemical Hazards

**Emergency Overview:** No known OSHA hazards.

**Routes of Entry:** N/A

#### Potential Health Effects

**Eyes:** N/A

**Skin:** N/A



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**Ingestion:** N/A

**Inhalation:** N/A

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### Section 4 – First Aid Measures

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

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

**Inhalation:** Move to fresh air.

**Ingestion:** Wash out mouth with water provided person is conscious. Contact a physician.

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### 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.

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### Section 6 – Accidental Release Measures

**Personal Precaution:** To minimize contact wear a 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.

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### Section 7 – Handling and Storage

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

**Storage:** -70°C or lower.



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### 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 latex or nitrile 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 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



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**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.