



Safety Data Sheet

Section 1 – Product and Company Identification

Product Name: HIV-1 (IIIB Strain) Purified Virus, UV-Inactivated, VPC
Applicable Product(s): 20-118-200
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: This product was completely inactivated as validated by cell culture (H9) based assay and p24 assay.

II. Chemical Hazards

Emergency Overview: No known OSHA chemical hazards

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

Safety Data Sheet

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

Name: Bovine Serum Albumin **CAS Number:** 9048-46-8

Name: HIV-1 (Inactivated)

Section 4 – First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Contact a physician.

Skin Contact: Immediately wash skin with soap and plenty of water. Wash contaminated clothing before reuse.

Inhalation: Move to fresh air.

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 laboratory safety goggles, laboratory coat, and nitrile or latex gloves. Avoid breathing material.

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 inactivated biological preparation should be handled in accordance with Good Laboratory Practices and any applicable local guidelines.

Storage: -70°C or lower.

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.

Skin Protection: Wear a laboratory coat.

Section 9 – Physical and Chemical Properties

Appearance: Slightly whitish 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: No known OSHA hazards.

Skin: No known OSHA hazards.

Ingestion: No known OSHA hazards.

Inhalation: No known OSHA hazards.

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.

Safety Data Sheet

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.