

# Material Safety Data Sheet (MSDS)

FOR REPLICATION-DEFECTIVE RECOMBINANT RETROVIRAL VECTORS

## SECTION 1: Identification of the product and of the company/undertaking

### 1.1 Product Identifiers

- **Product Name:** Recombinant Retroviral Vector

**1.2 Recommended Use:** Typically used for gene therapy research.

### 1.3 Manufacturer and Details of the supplier of the safety data sheet

Company : Cellomics Technology, LLC  
1450 South Rolling Road  
Halethorpe, MD 21227

Tel: 443 297 8130

Fax: 443 927 7874

Website: [www.cellomicstech.com](http://www.cellomicstech.com)

### 1.4 Emergency telephone

Emergency Phone: 800-586 6038; 24Hours/day, 7 Days/week

## Section 2. Hazard Identification

**2.1 Classification:** Generally, retroviral vectors are classified as non-hazardous, but following biosafety guidelines is essential.

**2.2 Label Elements:** Any hazard symbols, signal words, and precautionary statements are included.

## Section 3: Composition/Information on Ingredients

- **Components:** Recombinant retrovirus particles.
- **Concentration:** Specific concentrations of viral particles.

## Section 4: First-Aid Measures

- **Inhalation:** Move to fresh air and seek medical attention if symptoms occur.
- **Skin Contact:** Wash with soap and water. Seek medical attention if irritation persists.
- **Eye Contact:** Rinse thoroughly with water. Seek medical attention if symptoms persist.
- **Ingestion:** Rinse mouth with water. Seek medical attention if symptoms occur.

## Section 5: Fire-Fighting Measures

- **Extinguishing Media**
- **Suitable Extinguishing Media**  
No limitations on extinguishing agents are given.
- **Unsuitable Extinguishing Media**  
No limitations on extinguishing agents are given.

## Section 6: Accidental Release Measures

### 6.1 Personal precautions, protective equipment, and emergency procedures

Advice for non-emergency personnel: Do not breathe vapors or aerosols. Evacuate the danger area, observe emergency procedures, and consult an expert.

For personal protection, see section 8.

### 6.2 Environmental precautions

Do not let the product enter drains before bleaching.

### 6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Take up with liquid-absorbent material.

Dispose of it properly. Clean up the affected area.

## Section 7: Handling and Storage

- **Handling:** Follow biosafety level 1 or 2 guidelines as appropriate.
- **Storage:** Store at recommended temperatures, usually -80°C for long-term storage.

## Section 8: Exposure Controls/Personal Protection

- **Engineering Controls:** Use in a biosafety cabinet.
- **Personal Protection:** Gloves, lab coats, and eye/face protection.

## Section 9: Physical and Chemical Properties

- **Appearance:** solid ice at temperature lower than 0°C, Clear, liquid after thawed.
- **Odor:** Odorless.
- **pH:** Neutral.
- **Boiling Point:** Not applicable.

## Section 10: Stability and Reactivity

- **Stability:** Stable under recommended storage conditions.
- **Incompatible Materials:** None known.
- **Hazardous Decomposition Products:** None under normal conditions.

## Section 11: Toxicological Information

- **Acute Toxicity:** Generally considered non-toxic.
- **Chronic Effects:** No known chronic effects.

## Section 12: Ecological Information

- **Ecotoxicity:** No known significant effects or critical hazards.
- **Persistence and Degradability:** Not applicable.

## Section 13: Disposal Considerations

- **Waste Disposal Methods:** Dispose of following local, state, and federal regulations.

## Section 14: Transport Information

- **UN Number:** Not regulated.
- **Proper Shipping Name:** Not regulated.

## **Section 15: Regulatory Information**

- **Safety, Health, and Environmental Regulations:** Comply with all applicable regulations.

## **Section 16: Other Information**

- **Date of Preparation:** July 2, 2024.