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## **Safety Data Sheet**

**Product Name:** Rat Adipose-derived Stem Cells - Young Female

**Catalog Number:** ADSC-RSF-01

**Skin Contact:** Data not available

**Eye Contact:** Data not available

**Inhalation:** Data not available

**Ingestion:** Data not available

**Parenteral Exposure:** Data not available

### **Ingredients**

The frozen cells shipped in cell culture medium (a mixture of components that may include, but not limited to: inorganic salts, amino acids, carbohydrates, vitamins and other nutrients dissolved in water) containing 10-40% solution of Dimethyl sulfoxide as a cryoprotectant.

### **Handling and Storage**

Handle and store according to the information in the Product Data Sheet, Safety Data Sheet and the label. Follow established laboratory procedures.

### **Biosafety level**

This shipment has cryopreserved animal cells, which should require Biosafety Level 2 precautions. This product should be handled with appropriate universal personal protective equipment, engineering controls and chemical hygiene plan.

## MEASURES

### [A] First Aid

Report to Safety Office and seek medical attention immediately

**Ingestion:** Wash mouth out with water and call a physician. If unconscious, seek emergency medical attention.

**Inhalation:** Remove to fresh air and call a physician. If unconscious, seek emergency medical attention.

**Skin exposure:** Remove all contaminated clothing. Wash it with water followed by wash with soap and water.

**Eye exposure:** Flush eyes with water for atleast15 minutes and call a physician.

### [B] Fire Fighting

Wear Self-Contained breathing apparatus when needed. Extinguish fire with water, carbon dioxide or dry chemical powder.

### [C] Accidental Release

**Personal protective equipment:** Use standard personal protective equipment including goggles, gloves, appropriate clothing and respiratory protection.

**Cleaning up:** Victim should be cleaned up with soap and water. Work cloth should be laundered separately. Equipment should be cleaned using 1% sodium hypochlorite after 30 minutes. Wear protective clothing when cleaning up equipment. Also, allow aerosols to settle before clean up.

### [D] Exposure Control/Personal Protection

**Engineering controls:** The storage and use of this product requires eye wash and safety shower facilities plus fume hood to keep airborne concentrations low.

**Personal protective equipment:** Use standard personal protective equipment including goggles, gloves, appropriate clothing and respiratory protection.

**Exposure limit:** ACGIH, NIOSH, or OSHA has established no exposure limit for this material. There are no Vacated OSHA PEL for this product.

### [E] Physical and Chemical Properties

**Physical state:** Frozen

Information not available on P<sup>H</sup>, Vapor pressure, Vapor density, Evaporation rate, Viscosity, Boiling point, Freezing/melting point, Decomposition temperature, solubility, Specific gravity/Density, or Molecular weight.

## **[F] Stability and Reactivity**

**Chemical stability:** Stable

**Condition to avoid:** No information available

**Hazardous decomposition products:** No information available

**Hazardous polymerization:** Will not occur

## **[G] Toxicological Information**

**Toxicity data:** No data available as toxicological properties of this product have not been fully investigated.

**Long-term exposure:** No data available

**Repeated exposure:** No data available

**Chronic exposure:** No data available

**Mutagen:** No data available

**Reproductive hazard:** No data available

**Carcinogenicity:** No data available

**Epidemiology:** No data available

**Teratogenicity:** No data available

**Neurotoxicology:** No data available

## **[H] Disposal**

Hazardous waste generators are required to determine if a discarded chemical is classified as hazardous waste according to 40 CFR Part 261.3. The waste generators must consult and comply with all State and Local regulations to ensure compliance.

## **[I] Transport**

**Land transport:** Not dangerous

**Inland waterways transport:** Not dangerous

**Sea transport:** Not dangerous

**Air transport:** Not dangerous

**DOT Classification:** Not a DOT controlled material (United States)

## **[J] Regulatory Information**

This substance is for Research and Development only

This product does not contain HAPs

US State regulations: This product does not contain chemicals listed under Proposition 65

**[K] Other Information**

This information is believed to be correct based on the available data. Users should make independent decision about the accuracy of this information based on their needs and data available to them. All substances and mixtures may present unknown hazards and all necessary precautions should be taken. JangoBio assumes no liability resulting from or being exposed to this substance.