

**SECTION 1: IDENTIFICATION****PRODUCT NAME:**

Pluripotent Stem Cell (human Embryonic Stem (hES) Cell, induced Pluripotent Stem (iPS) Cell), NSC (neural stem cell), or other variety of stem cell

**PRODUCT DESCRIPTION:**

Frozen vials shipped to customers contain cells in liquid cell culture medium.

**MANUFACTURER:** WiCell Research Institute

**ADDRESS:** P.O. Box 7365 Madison, WI 53707-7365

**PHONE NUMBER:** (888) 204-1782

**RECOMMENDED USE:** Appropriate biosafety precautions should be followed when working with these cells. The end user is responsible for ensuring that the cells are handled and stored in an appropriate manner. WiCell is not responsible for damages or injuries that may result from the use of these cells. Cells distributed by WiCell are intended for research purposes only and are not intended for use in humans.

**RESTRICTIONS ON USE:** See the MOU/SLA or MTA  
No other information available

**SECTION 2: HAZARD(S) IDENTIFICATION**

**ROUTES OF ENTRY:** Eyes, Oral

**POTENTIAL HEALTH EFFECTS:**

This culture has been tested only for those identified in the product Certificate of Analysis; some cell lines have not been assessed for Hepatitis, HIV, and other viruses/adventitious agents and as such should be used with Biosafety Level 2 precautions according to OSHA Blood-borne Pathogen regulations.

No other information available

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**CHEMICAL NAME, FAMILY, FORMULA:** Not Applicable

**CAS NO.** Not Applicable

**HAZARDOUS INGREDIENT:**

Up to 10% Dimethyl sulfoxide (DMSO) may be present in frozen cultures  
No other information available

**SECTION 4: FIRST AID MEASURES****EYES:**

Flush thoroughly with running water (including under eyelids) for at least 15 minutes. Seek medical care.

**SKIN:**

Wash contaminated skin with soap and water. Seek medical attention if irritation persists.

**INGESTION:**

If affected person is conscious, rinse mouth with water. Seek immediate medical care.

**INHALATION:** Not applicable  
No other information available

**SECTION 5: FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Not flammable; not applicable

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses, laboratory gloves

**ACCIDENTAL RELEASE MEASURES:** Wash the lab/building area affected with a 90/10 water/chlorine bleach solution.

**SECTION 7: HANDLING AND STORAGE****HANDLING & STORAGE:**

Store frozen cells at  $\leq -130^{\circ}\text{C}$

**OTHER PRECAUTIONS:** Explosion hazard; always follow biological safety precautions and liquid nitrogen safety rules.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****RESPIRATORY PROTECTION:**

Perform cell culture in a Bio-Safety Cabinet.

**EYE PROTECTION:**

Always wear safety glasses when handling cells.

**SKIN PROTECTION:**

Always wear laboratory coats and gloves when handling cells.  
No other information available

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Tinted pink liquid in a cryovial.

**ODOR:** Odorless  
No other information available

**SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable when stored at recommended conditions  
No other information available

**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** No data available

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** No data available

**SECTION 13: DISPOSAL CONSIDERATIONS****SPILL:**

Contain/enclose the spill. Decontaminate with appropriate disinfectants (e.g. 10% chlorine bleach)

**WASTE DISPOSAL:**

Dispose of cultures using a 10% bleach solution. Dispose of culture exposed materials by autoclaving at  $121^{\circ}\text{C}$  for 30 minutes. Follow all applicable Federal, State and local regulations when disposing of waste of culture exposed materials.

**SECTION 14: TRANSPORT INFORMATION****U.S. DEPARTMENT OF TRANSPORTATION**

**PROPER SHIPPING NAME:** Pluripotent Stem Cell

**HAZARD CLASS:** Not Applicable; Exempt Specimen.

**SECTION 15: REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS:** Not Applicable

**STATE REGULATIONS:** Not Applicable

**INTERNATIONAL REGULATIONS:** Not Applicable

**SECTION 16: OTHER INFORMATION**

The information herein is true to the best of our knowledge. The end user is responsible for ensuring that the cells are handled and stored in an appropriate manner. WiCell Research Institute is not responsible for damages or injuries that may result from the use of these cells.