



**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

**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**

**HAZARD CLASSIFICATION:**

Non-hazardous per OSHA 29 CFR 1910.1200

**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 29 CFR 1910.1030 Bloodborne Pathogen regulations.

No other information available

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

**CHEMICAL NAME, FAMILY, FORMULA:**

Not Applicable

**CAS NUMBER:**

Not Applicable

**HAZARDOUS INGREDIENT:**

Up to 10% Dimethyl sulfoxide (DMSO) may be present in frozen cultures and all other ingredients are non-hazardous per OSHA 29 CFR 1910.1200.

Chemical Name	CAS Number	Formula
Dimethyl sulfoxide (DMSO)	67-68-5	C2H6OS

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:**

Non-flammable and Non-Combustible

No other information available

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:**

Avoid contact with eyes, skin, and clothing. Use personal protective equipment as outlined in Section 8.

**METHODS FOR CONTAINMENT:**

Prevent further leakage or spillage if safe to do so.

**METHODS FOR CLEANING:**

Soak up substance with an absorbent material. Wash the affected area with a water/chlorine bleach (90%/10%) solution.

**SECTION 7: HANDLING AND STORAGE**

**HANDLING:**

Follow biological safety precautions while handling according to OSHA 29 CFR 1910.1030 Bloodborne Pathogen regulations.

**STORAGE:**

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

**OTHER PRECAUTIONS:**

Explosion hazard; follow liquid nitrogen storage rules according to OSHA 49 CFR 173.316 Cryogenic liquids in cylinders.

**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 a laboratory coat and gloves when handling cells.

No other information available

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:**

Tinted pink liquid in a cryovial.

No other information available

**SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:**

Stable when stored at recommended conditions.

No other information available

**SECTION 11: TOXICOLOGICAL INFORMATION**

No data available

**SECTION 12: ECOLOGICAL INFORMATION**

No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**

Dispose of cultures using a water/chlorine bleach (90%/10%) solution. Dispose of culture exposed materials by autoclaving at 121°C for 30 minutes. Follow all applicable Federal, State and local regulations when disposing of waste of culture-exposed materials.

**SECTION 14: TRANSPORT INFORMATION**

**PROPER SHIPPING NAME:** Pluripotent Stem Cell

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

**SECTION 15: REGULATORY INFORMATION**

No information available

**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.