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Material Safety Data Sheet (MSDS) For Human & Animal Stem Cell Culture systems including primary human and animal cell culture systems.

Celprogen cell culture systems are not hazardous as defined by OSHA 1910.1200. However, as live cells they may be considered as being potential biohazards.

CELPROGEN Emergency Telephone: (310) 542-8822 (24 hours)

Product Name: Human Brain Cancer Stem Cell - T150 Plated Cells

Catalog Number: 36110-37-T150

Description: Cell culture system consisting of human brain cancer stem cells (T150) plated on a substrate. The cells are maintained in a growth medium and are used for research and clinical applications. The cells are cultured under controlled conditions and are not considered hazardous as defined by OSHA 1910.1200. However, as live cells they may be considered as being potential biohazards.

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SECTION I

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Cell culture system consisting of human brain cancer stem cells (T150) plated on a substrate. The cells are maintained in a growth medium and are used for research and clinical applications. The cells are cultured under controlled conditions and are not considered hazardous as defined by OSHA 1910.1200. However, as live cells they may be considered as being potential biohazards.

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SECTION II

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Cell culture system consisting of human brain cancer stem cells (T150) plated on a substrate. The cells are maintained in a growth medium and are used for research and clinical applications. The cells are cultured under controlled conditions and are not considered hazardous as defined by OSHA 1910.1200. However, as live cells they may be considered as being potential biohazards.

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SECTION III

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For Biosafety Level 1 Cell cultures

Cell culture system consisting of human brain cancer stem cells (T150) plated on a substrate. The cells are maintained in a growth medium and are used for research and clinical applications. The cells are cultured under controlled conditions and are not considered hazardous as defined by OSHA 1910.1200. However, as live cells they may be considered as being potential biohazards.

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For Biosafety Level 2 Cell cultures

Cell culture system consisting of human brain cancer stem cells (T150) plated on a substrate. The cells are maintained in a growth medium and are used for research and clinical applications. The cells are cultured under controlled conditions and are not considered hazardous as defined by OSHA 1910.1200. However, as live cells they may be considered as being potential biohazards.

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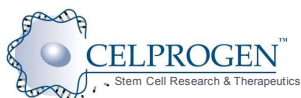
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MATERIAL SAFETY DATA SHEET

SECTION IV

Fire and Explosion:

Not applicable (N/A)

SECTION V

Reactivity Data

Stable. Hazardous polymerization will not occur.

SECTION VI

Method of disposal

Spill: Contain the spill and decontaminate using suitable disinfectants such as chlorine bleach or 70% ethyl or isopropyl alcohol.

Waste disposal: Dispose of cultures and exposed materials by autoclaving at 121^oC for 20 minutes.

Follow all Federal, State and local regulations when disposing of the waste or material.

SECTION VII

Special protection information

For Biosafety Level 1 Cell Cultures

Handle as potential biohazard material under at least Biosafety Level 1 containment.

Cell Cultures derived from lymphoid tissue may fall under the regulations of 29 CFR 1910.1030 Blood borne Pathogens.

For Biosafety Level 2 Cell Cultures

Handle as potential biohazard material under at least Biosafety Level 2 containment.

Cell cultures derived from primate lymphoid tissue may fall under regulation of 29CFR 1910.1030 Blood borne Pathogens.

SECTION VIII

Special precautions or comments

Celprogen recommends that appropriate safety procedures be used when handling all cell culture systems, especially those derived from human or other primate material. Detail discussions of laboratory safety procedures are available in: the Journal of Cell <http://www.cell.com/>; American Society for Cell Biology <http://www.ascb.org>; United States Government Publication, Biosafety In Microbiological and Biomedical Laboratories (CDC, 1999) <http://www.cdc.gov>

The above information is correct to the best of our knowledge. All materials and mixture formulations may present unknown Hazards and should be used with caution. The user should make independent decisions regarding the completeness of information based on all sources available. Celprogen shall not be held liable for any damage resulting from handling or contact with the above product.