



SAFETY DATA SHEET

Section 1 - Product and Company Information

Product Name: **Various CSC Cells of Human Origin**
Product Number: **CSC Various**
Brand: Cell Systems
Company: Cell Systems
Street Address: 12815 NE 124 ST Kirkland, WA 98034
Technical Phone: 425-823-1010
Fax: 425-820-6762

Section 2 - Hazards Identification

GHS Symbol: N/A
Signal Word: N/A
HMIS RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0
NFPA RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

These human cell cultures are not known to contain materials capable of harm. However, it is possible these products could contain bacterial or fungal contaminants. Therefore, they should be handled as potentially biohazardous material (WHO Risk Group 2) under Biosafety Level 1 containment.

For additional information on toxicity, please refer to Section 11

Section 3 - Composition/Information on Ingredient

This product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4 - First Aid Measures

ORAL EXPOSURE: If swallowed, wash out mouth with water provided person is conscious. Call a physician. Do not induce vomiting unless directed to so by a physician.

INHALATION EXPOSURE: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician

DERMAL EXPOSURE: In case of contact, immediately wash skin with soap and

copious amounts of water. Remove all contaminated clothing.
EYE EXPOSURE: In case of contact with eyes, flush with copious amounts of Water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician

Section 5 - Fire Fighting Measures

FLASH POINT: N/A

AUTOIGNITION TEMP: N/A

FLAMMABILITY: N/A

EXTINGUISHING MEDIA Suitable: Water spray, dry chemical powder or appropriate foam.

FIREFIGHTING: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

Section 6 - Accidental Release Measures

PROCEDURE(S) OF PERSONAL PRECAUTION(S): Use PPE. Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation

METHODS FOR CLEANING UP: Soak up material with absorbent towel. Ventilate area and wash spill site after material pickup is complete

Section 7 - Handling and Storage

HANDLING

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure

STORAGE

Suitable: Keep tightly closed.

Ship: On dry ice or in LN2

Store: In LN2

Section 8 - Exposure Controls / PPE

ENGINEERING CONTROLS: Use fume hood or other appropriate ventilation method. Available safety shower and eye bath

PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Wear dust or surgical mask

Hand: Protective gloves

Eye: Chemical safety goggles

GENERAL HYGIENE MEASURES: Wash thoroughly after handling.

Section 9 - Physical/Chemical Properties

Physical State: Solid when frozen. Liquid when proliferating.

Molecular Weight N/A

pH = 7.0-7.4 (proliferating culture only)

BP/BP Range N/A

MP/MP Range N/A

Freezing Point N/A
Vapor Pressure N/A
Vapor Density N/A
Saturated Vapor Conc. N/A
Bulk Density N/A
Odor Threshold N/A
Volatile% N/A
VOC Content N/A
Water Content N/A
Solvent Content N/A
Evaporation Rate N/A
Viscosity N/A
Surface Tension N/A
Partition Coefficient N/A
Decomposition Temp. N/A
Flash Point N/A
Explosion Limits N/A
Flammability N/A
Autoignition Temp N/A
Refractive Index N/A
Optical Rotation N/A
Miscellaneous Data N/A
Solubility N/A
N/A = not available

Section 10 - Stability and Reactivity

STABILITY

Chemical Stability: Stable
Conditions to Avoid: N/A
Hazardous Decomposition Products: Not known
Hazardous Polymerization: Will not occur
N/A = not available

Section 11 - Toxicological Information

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation
Skin Absorption: May be harmful if absorbed through the skin.
Eye Contact: May cause eye irritation
Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract
Ingestion: May be harmful if swallowed

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12 - Ecological Information

Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.

Section 13 - Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION
Isolate product in a tightly closed container and contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations

Section 14 - Transport Information

USDOT Classification: Not a USDOT controlled material.
Inland Waterways (AND): Not a dangerous good in this transport regulation.
Sea Transport (IMDG): Not a dangerous good in this transport regulation.
Air Transport (IATA-DGR): Not a dangerous good in this transport regulation.

Section 15 - Regulatory Information

TSCA Inventory: Not listed.
SARA LISTED: Not regulated.
CLEAN AIR ACT, Section 112, Hazardous Air Pollutants (HAP):
Product does not contain HAPs

Section 16 - Other Information

DISCLAIMER: For R&D use only. Not for drug, household or other uses

WARRANTY: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Cell Systems, shall not be held liable for any damage resulting from handling or from contact with the above product. See website for additional terms and conditions of sale.

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