

MATERIAL SAFETY DATA SHEET

Date: January 16, 2017

Version 3.0

Section A: Product and Company Information

Product Name:	Human Mesenchymal Bone Marrow (Adult) Derived Stem Cells - T225 Plated Cells
Product number:	36094-22-T225

Brand	CELPROGEN
Company	CELPROGEN Inc.
Street Address	3914 Del Amo Blvd. Suite 901
City, State, Zip, Country	Torrance, CA 90503, USA
Technical phone	(310) 542 8822
Emergency phone	(310) 542 8822
Fax	(310) 542 8028

Section B: Composition / Information on ingredient		
Substance name	Human Mesenchymal Bone Marrow (Adult) Derived Stem Cells - T225 Plated Cells	
CAS #	None	

Section C: Hazards Identification

HMIS Rating	Health: 0
	Flammability: 0
	Reactivity: 0
NFPA Rating	Health: 0
	Flammability: 0
	Reactivity: 0
GHS – Classification	
Health Hazards	Not hazardous
Physical Hazards	Not hazardous

For additional information on toxicity, please refer to section K

If swallowed, wash out mouth with water provided person is conscious. Call a
physician.
If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
In case of contact, immediately wash skin with soap and copious amounts of water.
In case of contact with eyes, flush with copious amounts of water for at least
20 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section E: Fire Fighting Mea	asures
Flash Point	N/A
Autoignition Temp	N/A
Flammability	N/A
Extinguishing media	Suitable: water spray; Carbon dioxide, dry chemical powder, or appropriate foam.
Fire Fighting	Protective Equipment: wear self-contained breathing apparatus and protective clothing to
	prevent contact with skin and eyes. Specific Hazard(s): may emit toxic fumes under fire
	conditions.



Section F: Accidental release measures Procedure(s) of personal precaution(s)	Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
Methods for cleaning up:	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section G: 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. Store at 2-8 ^o C

Section H: Exposure Control / Personal Protective Equipment (PPE)

Engineering Controls:	Safety shower and eye bath; Mechanical exhaust required.	
Personal Protective Equipment:	Respiratory:	Wear dust mask
	Hand:	Protective gloves
	Eye:	Chemical safety goggles
General Hygiene Measures:	Wash thoroughly	after handling.

Section I: Physical / Chemical Properties

Section 1. Thysical / Chemica	•
Appearance	N/A
Property	Valued at the specified storage temperature and pressure.
Molecular weight	N/A
pH	N/A
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
SG/ Density	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 J: Stability and React Stability Materials to avoid Hazardous Decomposition	Stable Strong oxidizing agents	on dioxida	
Hazardous Polymerization	Carbon mono-oxide; carbon dioxide. Will not occur		
Section K: Toxicological Infor Route of exposure	ormation 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.		
Signs & symptoms of Exposure	Ingestion may be harmful if swallowed. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.		
Section L: Disposal Considera Appropriate method of disposal	iderations osal of substance or preparation: Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mixture the material with combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.		
Section M: Transport Information			
DOT	Proper shipping name: none Non-hazardous for transportation: this substance is considered to be non-hazardous for transport.		
IATA	Non-hazardous for Air Transport: non-hazardous for air transport.		
Section N: Regulatory Information United States Regulatory Information Canada Regulatory Information		SARA Listed: No WHMIS Classification: This product has been classified in accordance with the hazard criteria of CPR, and the MSDS contains all the information required by the CPR. DSL: No NDSL: No	
International Inventories Complies Not Hazardous			
Korea This product complies with applicable Korean chemical regulations. Not Hazardous			

Section O: Other Information

Disclaimer: For R&D use only. Not for Drug, household or other use.



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. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. CELPROGEN Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.