

Material Safety Data Sheet

Product Information

Product Name: hBM-1203

Product Number: Human Bone Marrow-Derived Mesenchymal Stem Cells

Company: KOSHEEKA

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UP, India.

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Hazard Identification

Handle as a potentially biohazardous material under at least Biosafety Level 1 containment. This cell line is not known to cause disease in healthy adult humans.

Composition

Either frozen or growing cells shipped in an optimized cell culture medium. Frozen Cultures may also contain a 5%-10% solution of DMSO as a cryoprotectant.

First Aid Measures

In case of

Ingestion: Seek emergency medical attention. If the person is conscious, use a copious amount of water to wash his face. Do not induce vomiting unless directed to do so by a physician.

Inhalation: Seek emergency medical attention. If a person is unconscious, move to a fresh-air environment.

Dermal exposure: Immediately wash skin with copious amounts of water and remove all contaminated clothing.

Eye exposures: Flush eyes with copious amounts of water with eyelids separated for at least 15 minutes and seek medical attention.

Report to your Safety Office and Seek Medical Attention as Soon as Possible.

Fire Fighting Measures

General: Wear Self-Contained breathing apparatus in pressure-demand (MSHA/NIOSH approved).

To Extinguish Media: Use water spray, carbon dioxide, or an appropriate foam.

Autoignition Temperature: N/A

Explosion limits: N/A

Flash Point: Not Available

Accidental Release Measures

Use Personal Protective Equipment (PPE): Use Splash Goggles, Chemical Resistant Gloves, and appropriate lab clothing to prevent skin exposure. Whenever workplace conditions warrant respirator use, follow a respiratory protection program that complies with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149.

Clean Up Patient/Victim: Wash body with soap and water. Work clothes should be laundered separately before re-use.

Equipment/Environment: Gently cover any spill with paper towels and apply 1% sodium hypochlorite (start applying from the spill periphery and work towards the center); allow sufficient contact time before clean up (30 min).

Note: The use of additional PPE depends upon the working conditions.

Handling and Storage

Handle and store according to instructions on the product information sheet and label. Follow established laboratory procedures when handling the material.

Exposure Control/ Personal Protection

- The use and storage of this material require the facility to maintain and make available appropriate eyewash and safety shower facilities.
- Use a fume hood or biosafety cabinet to keep airborne concentrations as low as possible.
- Use Personal Protective equipment.
- No exposure limits have been established.

Physical and Chemical Properties

No Information is available for PH, Viscosity, solubility, Vapor Pressure, Vapor Density, Boiling Point, Evaporation Rate, Freezing/Melting Point, Decomposition Temperature, or Molecular Weight.

Stability and Reactivity

Chemical Stability: Stable.

Conditions to Avoid: No information available.

Hazardous Decomposition Products: No information available.

Hazardous Polymerization: No information available.

Toxicological Information

Toxicity: Data not available.

Effects of Long Term or Repeated Exposure: Data not available.

Chronic Exposure-(Teratogen/ Mutagen/ Reproductive Hazard): Data not available.

No Information was found in relation to: RTECS, LD50/LC50, Carcinogenicity, Epidemiology, Teratogenicity, Reproductive effects, Mutagenicity, or Neurotoxicology.

Note: The toxicological properties of this substance have not been fully investigated.

Ecological Information

No data is available.

Disposal Considerations

Hazardous waste generators are required to determine if a discarded chemical is classified as hazardous waste according to 40 CFR Part 261.3. In addition, waste generators must consult about and comply with all state and local regulations to ensure compliance.

Transport Information

Non-hazardous for Land (ADR/RID), Inland Waterways (ADN), Sea (IMDG), and Air (IATA) transport.

Regulatory Information

Note: For research and development use only. Not for drug, household, or other uses.

Other Information

The information and recommendations are believed to be accurate but may not be all-inclusive. This should be used only as a guide and users should make an independent decision based on their requirements and data availability. Kosheeka makes no warranty of any kind whatsoever and disclaims all liability from reliance thereon. Kosheeka will not be held liable for the improper use of this product.