

Material Safety Data Sheet

Section 1: Identification of the Product and Company

Product Name: BSSubTM-XF

Product Number: HPCBSCRL

Manufacturer: AventaCell BioMedical Co., Ltd.

Manufacturer Address: 575 14th St. NW, Suite 100, Atlanta, GA, USA

Manufacturer TEL: +1 604 220 8428

Section 2: Composition Data on Ingredients

Ingredients: Human Platelet Proteins isolated from human platelet component

Section 3: Hazards Identification

Overview: Not a dangerous substance or mixture according to the globally harmonized system (GHS). Human source material. Handle as if capable of transmitting infectious agents.

Potential Health Effects

Eyes: may cause eye irritation with susceptible persons.

Skin: may cause skin irritation with susceptible persons.

Inhalation: may be harmful if inhaled.

Ingestion: may be harmful if swallowed.

Section 4: First Aid Measures

General information: No special measures required.

Skin Contact: Rinse with plenty of water. If symptoms arise, call a physician. **Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. **Ingestion:** Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice. **Inhalation:** Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

Notes to physician: Treat symptomatically.

Section 5: Fire Fighting Measure

Extinguishing Media: Any media suitable for surrounding fire. No unusual fire or explosion hazards.

Section 6: Accidental Release Measures

Use of these products in accordance with Good Laboratory Practices should not result in explosive mixtures being formed. **SPILL CLEANUP:** Absorb spill. Common absorbent materials should be effective. Deposit in appropriate containers for removal and disposal.

Section 7: Handling and Storage

Handling: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. **Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area. Store at -20°C (-4°F). **Packaging materials Recommended use:** Use original container.

Section 8: Exposure Controls and Personal Protection

Exposure limits: We are not aware of any national exposure limits. **Engineering measures:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. **Hygiene measures:** Wash hands with soap after handling compounds and before eating, smoking, using lavatory, and at the end of day. **Personal protective equipment:** Lab coat and safety glasses.

Section 9: Physical and Chemical Properties

Physical state: Liquid. **Color:** Yellow. **Molecular Weight:** N.A. **pH:** 6.5-8.5 **Flash point:** >1000°C **Risks of explosion of the product in presence of mechanical impact:** No Risk. **Risks of explosion of the product in presence of static discharge:** No Risk.

Section 10: Stability and Reactivity

Stability: The product is stable. **Conditions to avoid:** N.A.

Section 11: Toxicological Information

Cytotoxicity assay: non cytotoxicity. **Eye irritation assay:** non-irritative agent to eye. **Skin sensitization assay:** non-irritative agent to skin

Section 12: Ecological Information

General notes: Not hazardous for water. **Ecotoxicity:** N.A. **Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.

Section 13: Disposal Considerations
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Unclean packaging: Disposal must be made according to state and federal regulations. Cleansing agent: Water, if necessary with cleansing agents.
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Section 14: Transport Information
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DOT Label Information: Not classified as dangerous in the meaning of transport regulations.
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IATA Label Information: Not classified as dangerous in the meaning of transport regulations.

Section 15 Regulatory Information
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No known OSHA hazards.

Section 16 Other Information

For research use only. Not for clinical, drug, household or other uses.

Warranty:

The above information is believed to be correct to the best of our knowledge, but does not purport to be all-inclusive and shall be used only as a guide. AventaCell Biomedical shall have no liability for any direct, indirect, consequential or incidental damages arising out of the use, the results of use, the inability to use, the handling or contact with these products.