

## Safety Data Sheet

<b>Section 1 - Product and Company Information</b>	
<b>Product Identifier:</b>	STEMGOLD Growth Supplements
<b>Product Code:</b>	AS-9006
<b>Company Name:</b>	Atlantis Bioscience Pte. Ltd.
<b>Street Address:</b>	362 Upper Paya Lebar Road #07-15 Singapore 534963
<b>Technical Phone:</b>	+65 9046 9895
<b>Emergency Phone:</b>	+65 9046 9895
<b>Description:</b>	High-Performance MSC Growth Medium Supplement
<b>Recommended Use:</b>	Used with STEMGOLD Basal Medium for complete medium for the culturing of MSCs
<b>Section 2 - Hazard Identification</b>	
<b>Potential Hazards:</b>	This material is manufactured from biological materials (platelets) obtained and pooled from human donors.
<b>Section 3 - Composition/Information on Ingredients</b>	
Human platelet lysate; biological excipients to support cell growth	
<b>Section 4 - First Aid Measures</b>	
<b>Eye Contact:</b>	Immediately flush with water and seek medical advice.
<b>Skin Contact:</b>	Immediately remove any contaminated clothing/shoes, and wash area with soap and water.
<b>Inhalation:</b>	Expose to fresh air. Seek medical attention if not breathing or experience difficulty with breathing. Provide artificial respiration/oxygen as necessary.
<b>Ingestion:</b>	Wash mouth with copious amounts of water if person is conscious and seek medical advice.
<b>Most important symptoms/ effects (acute and delayed):</b>	See Section 11.
<b>Indication immediate medical treatment is needed:</b>	No data available

<b>Section 5 - Fire Fighting Measures</b>	
<b>Suitable extinguishing media:</b>	Standard fire extinguishing equipment is sufficient.
<b>Specific hazards arising from the chemical:</b>	The proper use of this product in accordance should not result in the formation of flammable or explosive mixtures.
<b>Special protective equipment and precautions for fire fighters:</b>	Standard personal protective equipment (PPE) is sufficient.
<b>Section 6 - Accidental Release Measures</b>	
<b>Personal precautions, protective equipment, and emergency procedures:</b>	See sections 7 and 8.
<b>Methods and materials for containment and clean up:</b>	Absorb spill using absorbent materials/pads. Disinfect spill area with appropriate disinfectants suitable for biological spills. Dispose of waste in appropriate waste bins as per Section 13.
<b>Section 7 - Handling and Storage</b>	
<b>Precautions for safe handling:</b>	Adhere to standard handling procedures.
<b>Conditions for safe storage:</b>	Keep frozen at -20°C or lower until ready for use. Product may be kept short term at 4°C. Keep bottle closed when not in use.
<b>Section 8 - Exposure Controls/Personal Protective Equipment</b>	
<b>Exposure Limits:</b>	Not Applicable; no exposure limit.
<b>Appropriate engineering controls:</b>	Adequate ventilation is recommended. If area ventilation is insufficient, respiratory equipment may be needed.
<b>Individual protection measures:</b>	<p>Personal protective equipment should include protective gowning and chemical resistant gloves to limit exposure to the skin and mucous membranes. Splash resistant safety goggles/glasses should be worn to protect the eyes. Contaminated PPE is to be disposed as biohazardous waste.</p> <p>Adhere to standard precautionary procedures. Wash hands thoroughly with soap and water after using this product.</p>
<b>Section 9 - Physical and Chemical Properties</b>	
<b>Appearance:</b>	Translucent liquid.
<b>Odor:</b>	No Data Available
<b>Odor threshold:</b>	No Data Available

<b>pH:</b>	6.6-7.6
<b>Melting/freezing point:</b>	No Data Available
<b>Initial boiling point/range:</b>	No Data Available
<b>Flash point:</b>	No Data Available
<b>Evaporation rate:</b>	No Data Available
<b>Flammability (solid, gas):</b>	No Data Available
<b>Upper/Lower flammability or explosive limits:</b>	No Data Available
<b>Vapor pressure/density:</b>	No Data Available
<b>Relative density:</b>	No Data Available
<b>Solubility(ies):</b>	Hydrophilic
<b>Partition coefficient:</b>	No Data Available
<b>Auto-ignition temp.:</b>	No Data Available
<b>Decomposition temp.:</b>	No Data Available
<b>Viscosity:</b>	Variable; gel formation may occur due to presence of ions and clotting factors.
<b>Section 10 - Stability and Reactivity</b>	
<b>Reactivity:</b>	Product is nonreactive under normal conditions of storage and use.
<b>Stability:</b>	Product is stable under normal conditions of storage and use.
<b>Possibility of hazardous conditions:</b>	Use of the product in accordance with Good Laboratory Practices should not result in hazardous reactions.
<b>Conditions to avoid:</b>	No Data Available
<b>Incompatible materials:</b>	No Data Available
<b>Hazardous decomposition products:</b>	No Data Available
<b>Section 11 - Toxicological Information</b>	
<b>Toxicological effects:</b>	Eye Contact: No Data Available Skin Contact: No Data Available Inhalation: No Data Available Ingestion: No Data Available
<b>Symptoms related to physical, chemical and toxicological characteristics:</b>	No Data Available
<b>Delayed, immediate or chronic effects of short-term/long-term exposure:</b>	No Data Available

<b>Numeric measures of toxicity:</b>	No Data Available
<b>Possible carcinogenic effects:</b>	No Data Available
<b>Section 12 - Ecological Information</b>	
<b>Ecotoxicity:</b>	No Data Available
<b>Persistence and degradability:</b>	No Data Available
<b>Bioaccumulative potential:</b>	No Data Available
<b>Mobility in soil:</b>	No Data Available
<b>Other adverse effects:</b>	No Data Available
<b>Section 13 - Disposal Considerations</b>	
Dispose of all waste and contaminated materials in accordance with all applicable jurisdictional laws and environmental regulations.	
<b>Section 14 - Transport Information</b>	
This substance is considered non-hazardous for ground or air transport.	
<b>Section 15 - Regulatory Information</b>	
Not Applicable	
<b>Section 16 - Other Information</b>	
<b>Prepared by:</b>	AGEM Bio Pte. Ltd.
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