



Safety Data Sheet

Section 1 – Product and Company Identification

Product

Product Name	Astrocyte Medium
Product Code	AM
Catalog Number	1801

Company Information:

ScienCell Research Laboratories
1610 Faraday Ave
Carlsbad, CA 92008 US
For Information Call: (760) 602-8549

For 24 hour Emergency Response (United States), Dial 911.

Recommended uses and restrictions

For research use only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

Section 2 – Hazards Identification

GHS Classification:	Not a hazardous substance or mixture.
GHS label elements:	Not a hazardous substance or mixture.
Signal word:	Not available.
Other hazards:	None known.

Section 3 – Composition/Information on Ingredients

Substance/Mixture: Mixture

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Iron(II) sulfate heptahydrate	7782-63-0	0.00003

Section 4 – First Aid Measures

If swallowed: If person is conscious, wash mouth with water and give large quantities of water to drink. Call a physician. Do not induce vomiting without medical advice.

If inhaled: move to fresh air. If not breathing, give artificial respiration and call a physician.

In case of skin contact: wash skin with soap and water. If irritation persists, call a physician.

In case of eye contact: flush with copious amounts of water. If irritation persists, call a physician.

Most important symptoms and effects, both acute and delayed: No information available.

Recommendations for immediate medical care and special treatment: No information available.

Section 5 – Fire Fighting Measures

Suitable extinguishing media: Water spray, dry powder, or appropriate foam.

Specific hazards during firefighting: May emit toxic fumes under fire conditions

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

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

Environmental precautions: None required.

Methods and materials for containment and clean up: Contain spill and absorb with non-combustible absorbent material (e.g. sand, earth) and place in suitable container for disposal according to local and national regulations.

Section 7 – Handling and Storage

Handling: Wear Personal Protective Equipment.

Storage: Store in cool, well-ventilated area.

Section 8 – Exposure Controls/Personal Protection

Components with workplace control parameters

Components	CAS-No.	Value type	Control parameters/Permissible concentration	Basis
Iron (II) sulfate heptahydrate	7782-60-0	TWA	1 mg/m ³ (as Fe)	ACGIH
		REL	1 mg/m ³ (as Fe)	NIOSH/GUIDE
		TWA	1 mg/m ³ (as Fe)	Z1A
		TWA	1 mg/m ³ (as Fe)	CAD ON OEL

Engineering Measures: Ensure area ventilation, avoid splashes.

Personal Protective Equipment

Respiratory protection: No respiratory protection needed under normal operating conditions.

Hand protection: Impervious gloves.

Eye protection: Tightly fitting safety goggles with side shields.

Skin and body protection: Lightweight protective clothing

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9 – Physical and Chemical Properties

Appearance: Liquid

Color: Light red

Odor: No data available

Upper explosion limit: No data available

Lower explosion limit:	No data available
Vapor Pressure:	No data available
Odor threshold:	No data available
Vapor density:	No data available
pH:	7.2 - 7.4
Relative density:	No data available
Melting point:	No data available
Freezing point:	No data available
Solubility:	Water soluble
Boiling point/boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability:	No data available
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Section 10 – Stability and Reactivity

Stability:	Stable under normal conditions of use and storage.
Conditions to avoid:	Strong oxidizers.
Hazardous Decomposition Products:	None under normal use
Hazardous Polymerization:	Not expected to occur.

Section 11 – Toxicological Information

Acute Toxicity

Dermal/Skin:	May cause skin irritation.
Inhalation/Respiratory:	May be harmful if inhaled.
Oral/Ingestion:	May be harmful if swallowed.

Carcinogenicity

NTP: No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

IARC: No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

ACGIH: No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

Additional Remarks

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

Section 12 – Ecological Information

Ecotoxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility:	No data available

Results of PBT and vPvB assessment: No data available

Section 13 – Disposal Considerations

Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.

Section 14 – Transport Information

DOT (US): Not dangerous/hazardous
IATA: Non-hazardous for air transport
IMDG: Not dangerous

Section 15 – Regulatory Information

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312: No SARA Hazards

Massachusetts Right To Know: No components are subject to the Massachusetts Right To Know act.

California Proposition 65: This product contains a chemical known to the State of California to cause cancer.

Nickel(II) chloride hexahydrate: CAS-No. 7791-20-0

Section 16 – Other Information

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

The above information shall not be taken as being all inclusive and is to be used only as a guide. The information provided in this document is correct to the best of our knowledge. All materials and mixtures may present unknown hazards and should be used with caution. ScienCell Research Laboratories cannot control the actual methods, volumes, or conditions of use. ScienCell Research Laboratories is not to be held liable for any damages or losses resulting from handling or from contact with the product as described herein. **THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.**

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