

Material Safety Data Sheet

Epicult™-B Basal Medium

Cat. No: 05602

1 Product and Company Identification

- 1.1 Product Name:** Epicult™-B Basal Medium
- 1.2 Catalogue Number:** 05602
- 1.3 Synonyms:** Not Applicable.
- 1.4 Product Use:** Cell Culture
- 1.5 Manufacturer/Supplier:** STEMCELL Technologies Inc.
Suite 400, 570 West 7th Avenue
Vancouver, BC V5Z 1B3
Canada
- 1.6 In Case of Emergency Call:** 604-877-0713
- 1.7 Date Prepared:** August 22, 2011
- 1.8 Prepared By:** Quality Control

2 Composition / Information on Ingredients

2.1 Component	CAS No.	%W/W
No known Hazardous components.	Not Available	Not Available

3 Hazards Identification

- 3.1 Emergency Overview:** This product is a potential irritant to eyes, respiratory system, and skin. This product may also be harmful if ingested. Complete toxicological properties have yet to be determined.
- 3.2 Routes of Exposure:** Absorbed through skin. Eye contact. Inhalation. Ingestion.
- 3.3 Potential Health Effects:**
- 3.3.1 Eye:** Contact with eyes may cause irritation.
- 3.3.2 Skin:** Contact with skin may cause irritation.
- 3.3.3 Inhalation:** If inhale, remove to fresh air. If breathing becomes difficult, call a physician.
- 3.3.4 Ingestion:** May be harmful if swallowed.
- 3.4 Chronic Effects/Carcinogenicity:** Not Available.
- 3.5 OSHA Regulatory Status:** Not Available.

4 First Aid Measures

- 4.1 Eyes:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
- 4.2 Skin:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Call a physician if irritation occurs.
- 4.3 Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.
- 4.4 Inhalation:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
- 4.5 Note to Physician:** Not Available.

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5 Fire Fighting Measures

- 5.1 Flash Point/Method:** Not Available.
- 5.2 Explosive Limits:**
- 5.2.1 Upper:** Not Available.
 - 5.2.2 Lower:** Not Available.
- 5.3 Autoignition Temperature:** Not Available.
- 5.4 Hazardous Combustion Products:** None.
- 5.5 Conditions of Flammability:** Not Available.
- 5.6 Extinguishing Media:** Water spray, dry chemical powder or appropriate foam.
- 5.6.1 Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
- 5.7 Explosion Data:**
- 5.7.1 Sensitivity to Mechanical Impact:** Not Available.
 - 5.7.2 Sensitivity to Static Discharge:** Not Available.
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6 Accidental Release Measures

- 6.1 Leak and Spill Procedure:** Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Ventilate area and wash spill site after material pickup is complete.
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7 Handling and Storage

- 7.1 Handling:** Should be handled by trained personnel observing good laboratory practices. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.
- 7.2 Storage:** Store at 2-8°C.
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8 Exposure Controls/Personal Protection

- 8.1 Engineering Controls:** Use with adequate ventilation.
- 8.2 Personal Protective Equipment:**
- 8.2.1 Respiratory Protection:** Avoid inhalation.
 - 8.2.2 Eye Protection:** Safety goggles.
 - 8.2.3 Skin Protection:** Lab coat, chemical-resistant gloves.
- 8.3 General Hygiene Considerations:** Wash thoroughly after handling.
- 8.4 Exposure Limits:**
- 8.4.1 ACGIH TLV-TWA:** Not Available.
 - 8.4.2 OSHA PEL-TWA:** Not Available.
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9 Physical/Chemical Properties

9.1 Appearance:	Transparent, red liquid.
9.2 Odor:	None.
9.3 Physical State:	Liquid
9.4 pH:	Approximately 7.2.
9.5 Boiling Point:	Approximately 100°C.
9.6 Melting Point:	Not Available.
9.7 Freezing Point:	Approximately 0°C.
9.8 Vapor Pressure:	Not Available.
9.9 Vapor Density:	Not Available.
9.10 Specific Gravity:	Not Available.
9.11 Evaporation Rate:	Not Available.
9.12 Solubility in Water:	Not Available.
9.13 Odor Threshold:	Not Available.
9.14 Coefficient of Water/Oil Distribution:	Not Available.

10 Stability/Reactivity

10.1 Chemical Stability:	Stable.
10.2 Conditions to Avoid:	Not Available.
10.3 Incompatibility (Material to Avoid):	Not Available.
10.4 Hazardous Decomposition/By-Products:	Nature of decomposition products not known.
10.5 Hazardous Polymerization:	Not Available.

11 Toxicological Information

11.1 Effects of Short-Term Exposure:	Not Available.
11.2 Effects of Long-Term Exposure:	Not Available.
11.3 Irritancy of Product:	Not Available.
11.4 Sensitization to Product:	Not Available.
11.5 Carcinogenicity:	Not Available.
11.6 Reproductive Toxicity:	Not Available.
11.7 Teratogenicity and Embryotoxicity:	Not Available.
11.8 Mutagenicity:	Not Available.
11.9 Name of Toxicologically Synergistic Products:	Not Available.
11.10 LD50 (specify species and route):	Not Available.
11.11 LC50 (specify species):	Not Available.

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12 Ecological Information

12.1 Not Available.

13 Disposal Considerations

13.1 **Waste Disposal Method:** Contact a licensed professional waste disposal service to dispose of this material. Observe all Federal, Provincial/State and Local laws.

14 Transport Information

14.1 Transport Canada

14.1.1 **PIN No.:** Not Available.

14.2 U.S. Department of Transportation:

14.2.1 **Proper Shipping Name:** Not Available.

14.2.2 **Hazard Class:** This substance not known to be hazardous for transport.

14.2.3 **ID. Number:** Not Available.

14.2.4 **Packing Group:** Not Available.

14.2.5 **Label Statement:** Not Available.

15 Regulatory Information

15.1 **WHMIS Classification:** Not Available.

15.2 **Note:** This MSDS was prepared according to the Canadian Controlled Products Regulation and contains all of the information required by those regulations.

16 Other Information

16.1 **Preparation Information:** Refer to PIS No. 05601.

16.2 **This MSDS has been revised in the following section(s):** Not Applicable

16.3 **Original Issue Date:** February, 2004.

16.4 **Notice:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. StemCell Technologies Inc., shall not be held liable for any damage resulting from handling or from contact with the product. The information contained in this Material Safety Data Sheet (MSDS) is current as of the Issue Date shown in Section 1.6 of this document and may be subject to amendment by StemCell Technologies Inc.

16.5 **Disclaimer:** **THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT USED FOR DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**